

**Mapping Life Sciences Research in India:
A Profile Based on *BIOSIS* 1992-1994**

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About the author

Subbiah Arunachalam (Arun) is an information consultant based in Madras (now renamed Chennai) in South India and a keen observer of science and technology in India. He has been associated with the Indian academic and scholarly community for over three decades -- as an editor of scientific journals [*Indian Journal of Technology*, *Journal of Scientific & Industrial Research*, *Proceedings of the Indian Academy of Sciences*, and *Pramana – Journal of Physics*], a science writer, a researcher in chemistry, a teacher of information science, a librarian in a national laboratory, the executive secretary of the Indian Academy of Sciences, a part-time Visiting Professor in the Indian Institute of Technology, Chennai, and a member of the editorial boards of scientific journals. Currently he is a Distinguished Fellow in the M S Swaminathan Research Foundation. His research interests include science on the periphery, scientometrics, and information access. He has recently completed a literature-based study on mapping science in India. He has more than 40 papers to his credit and is on the editorial boards of six refereed international journals. He has delivered more than twenty invited talks in international conferences. He is a member of both the Indian and the International Science Writers Associations.

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Abstract

Life sciences research carried out in India, as seen from the journal literature indexed in three years of *BIOSIS Biological Abstracts* (1992-1994), is quantified and mapped. The Indian institutions active in life sciences research, the journals and sub-fields in which they publish their work, and the impact factors of the journals as seen from *Journal Citation Reports* 1992 and 1994 are identified. In the three years studied researchers from over 1,400 institutions located in over 450 cities/ towns have authored 20,046 papers in 1,582 journals published from 52 countries. Over 54% of these papers have appeared in 118 Indian journals. While India has contributed papers to all 110 sub-fields, her contribution has exceeded 1,000 papers in three years in only four sub-fields, and 500 papers in seven other sub-fields. Only 49 institutions have published more than 100 papers each. The contribution made by different institutions to 26 sub-fields and to 36 often used journals is highlighted. More than 64% of Indian papers indexed in *BIOSIS* come from academic institutions. Among scientific agencies, Indian Council of Agricultural Research and Council of Scientific and Industrial Research have published more than 1,500 papers each. In all Indian researchers have published 188 papers (less than 1.0%) in journals with a 1994 impact factor greater than 4.0. More than 46.3% of Indian papers have appeared in non-*SCI* journals, and a further 37.5% of papers have been published in journals with impact factors less than 1.0. The analysis reveals the existence of two clusters: a large number of institutions devoted to agriculture and classical biology, publishing mostly in low-impact journals, often in Indian journals, and a smaller group of institutions publishing some papers in new biology and some areas of medicine in quality international journals of medium impact. The larger cluster includes the agricultural universities and many general universities, while the smaller cluster includes the Indian Institute of Science, All India Institute of Medical Sciences, Centre for Cellular and Molecular Biology, National Institute of Immunology, and Indian Institute of Chemical Biology. While it would be desirable for Indian researchers to publish bulk of the agricultural research and a substantial part of medical research in Indian journals, they have no such constraint in new biology and can publish their work in high-impact international journals. Yet only a small proportion of Indian papers in biochemistry and molecular biology, general and internal medicine, microbiology, biophysics, immunology, and gastroenterology have appeared in such journals.

Introduction

This report aims to map life sciences research in India as reflected by the journal literature, using standard techniques of scientometrics. This is a macroscopic study, at the institutional level. I have not analysed the data at the level of individual investigators. Also, I have not attempted to map the cognitive links among the researchers of different institutions or their work.

Biology at centrestage

The Twenty-first Century is undoubtedly the Century of biology. Biology today is on the fast-forward mode and is making rapid strides on many fronts. Ever since Watson and Crick published their one-page note on the structure of DNA in *Nature* in April 1953, biology never looked back. It became increasingly interdisciplinary and soon it edged its way to the centre stage, dislodging physics. The transition from classical biology, largely concerned with structure and function at the organism level, to new biology, with its overwhelming and almost reductionist concern for finding molecular level understanding of all biological phenomena, brought forth many challenges that could not obviously be answered by classical biology. There was perforce a need for the tools and techniques of and experts in fields such as chemistry, physics and crystallography, to move in. That is precisely what happened. A large number of physicists, chemists, and other 'non-biologists' migrated to biology and helped transform it. Indeed, long before the epoch-making paper of Watson and Crick, Erwin Schrodinger, a physicist, published his cute little classic *What is life?* in 1944.

Biology enjoys today the status enjoyed by physics during much of the first half of this Century. The challenge posed by the complexity of living systems has attracted men of the calibre of Philip Anderson, Nobel laureate in physics, who a few years ago taught a course in biology at Princeton to graduate students of physics. Life scientists have their own newspaper, the 12-year-old bi-weekly *The Scientist*, edited and published by Eugene Garfield of *Current Contents* and *Science Citation Index* fame. There are many web sites on the Internet providing a whole range of information to biologists. Biology is becoming so popular, it may overtake the humanities as the foundation of American undergraduate education, says Joseph Perpich, Vice President of the Howard Hughes Medical Institute, probably America's largest philanthropy funding life science research. More than 50,000 students now

receive bachelor degrees in biology each year in the United States alone. "We are beginning to see quite remarkable research and papers coauthored by undergraduates that you just wouldn't have seen 20 years ago", Perpich says. A recent US National Research Council report, however, warns that the stream of life science students entering the graduate school pipeline should be frozen to prevent research job applications from flooding the market. Mega projects such as the Human Genome Project, the worldwide search for a vaccine for AIDS, viagra jokes and novels like Carl Djerassi's *NO* make sure that biology is never short of media attention.

Today life sciences research receives far more funding than ever before. A recent example of a well-funded programme is the selection in September 1998 of 23 'collaborative research and infrastructure projects' under its 'Plant Genome Research Program' by the National Science Foundation of the United States. Together these projects, which will receive \$85 million over the next five years, are expected to lead to better understanding of the inner workings of plants such as cotton, maize, soybean and tomato at the genome level, and eventually to lead to crop improvement. Today life science domains - biology, biomedicine, and clinical medicine - account for 55% of world's publications in science, technology and medicine,¹ as seen from the journal literature of 1995, comprising papers published in the stable set of about 4,800 journals selected by the Institute for Scientific Information, Philadelphia, in 1981 as the base for *Science Citation Index*.

Domains of life sciences

The rubric 'life sciences' (also often referred to as 'biological sciences') encompasses animal and plant sciences, molecular biology, cell biology, animal and plant physiology, behaviour, ecology, population biology, systematics, taxonomy, biophysics, biotechnology, neuroscience, marine biology, botany, zoology, parasitology, molecular genetics, microbial genetics, plant and animal genetics, developmental genetics, population and ecological genetics, microbial development and differentiation, microbial physiology and microbial ecology.² Besides these, *BIOSIS* covers biochemistry, pharmacy and pharmacology, agriculture, clinical laboratory sciences, veterinary science, and food science and technology. The NSF classification of life sciences¹ is shown in Appendix I.

Life sciences in India

As it has happened in other fields before, India caught on to new biology after a time lag. However, currently new biology is well funded in India (relative to other fields) and the field is picking up. In a meeting on Indian biology in the year 2,000 and beyond (IBY2K) held in late 1997 at the Centre for Cellular and Molecular Biology, Hyderabad, less than five of the more than 50 papers presented were in classical biology.

Scope of the study

In this report, I have looked at India's contributions to life sciences research, confining to journal literature, as reflected by the CD-ROM edition of *BIOSIS Biological Abstracts* 1992-1994 (Silver Platter). This report aims to answer questions such as:

1. The volume of work published from India,
2. Journals often used, their standing (as reflected by their impact factors) and country of publication,
3. Sub-fields in which Indian researchers are active, and
4. Indian institutions actively publishing.

Such literature-based analysis of a nation's participation in scientific research is nothing new. Rajagopalan and coworkers at the Indian National Scientific Documentation Centre were perhaps the first to carry out such studies in India. Their main concern was to find out how quickly international subject-specific abstracting services indexed research publications from India.

Earlier work

My own interest in mapping science on the periphery started in the early Seventies, thanks to my editorial job at the Publications and Information Directorate of CSIR, New Delhi, since 1965, and my involvement in the academic and publication activities of the Indian Academy of Sciences, Bangalore, during 1973-1975. In particular, the two years I was with the Academy gave me a tremendous exposure to the sociology of Indian science. In the Seminar on Primary Communication in Science and Technology in India held at the Documentation Research and Training Centre, Bangalore, in 1976, I presented six papers. Subsequently I and my student Udai N Singh³⁻⁶ have used both subject-specific abstracting services and *Science Citation*

Index to quantify India's contribution to some high-tech areas in physics such as lasers, holography, liquid crystals and superconductivity. Arunachalam and Manorama⁷ and Arunachalam and Singh⁸ have also analysed India's contribution to the world literature of science as a whole using *SCI*. All of that work was carried out manually using the print versions of secondary services such as *INSPEC Physics Abstracts* and *SCI*. Recently I have quantified and mapped India's contributions to the literatures of mathematics,⁹ materials science,¹⁰ physics,¹¹ medicine,¹² agriculture¹³ and all of science,¹⁴ using electronic versions of appropriate international bibliographic databases. The study on medical research in India, published in *Current Science*¹⁵ and the *National Medical Journal of India*,¹⁶ has attracted considerable attention.¹⁷⁻²⁵ Perhaps because the study addressed the question of relevance of research to local concerns.

Methodology

All papers having a first author address in India were downloaded from *BIOSIS Biological Abstracts* 1992-1994 (CD-ROM, Silver Platter). Incidentally, unlike *Science Citation Index*, *BIOSIS* lists the names and addresses of only the first author. Therefore, papers in which Indian authors were listed as second or third authors were not captured. The fields downloaded were CS (Corporate source or author affiliation), SO (Source or journal-title including volume and page), and PY (Publication year). Names of institutions were standardised. For example, Haryana Agricultural University was merged with CCS Haryana Agricultural University, and University of Saugar merged with Dr H S Gour Vishwavidyalaya; names of departments were dropped. This part of the work was laborious and took a lot of time (Names of states were added to all cities and towns found in the Indian addresses). Country of origin of journals (seen from *Serial Sources for the BIOSIS Previews Database 1993* obtained from BIOSIS, Philadelphia, PA, USA), impact factor values from *Journal Citation Reports* 1992 and 1994, and sub-field classifications for journals, mostly from *SCI Guide* and for some from Ulrich, were added to journal titles. This also proved to be somewhat laborious. It must be emphasised that I did not assign individual papers to sub-fields. That would take enormous effort and demand considerable amount of subject expertise. Assigning of journals to sub-fields is good enough for the kind of

mapping exercise I have undertaken. The data were converted into a database and analysed using FoxPro.

Analysis

For this study on life science research in India, I considered only the journal literature indexed in the CD-ROM edition of *BIOSIS Biological Abstracts* 1992-1994. Here the years indicate the disc years and not the years of publication of the individual papers. In the three years considered, Indian researchers have published 20,046 papers. I have classified the papers by publication year in Table 1. The time lag for coverage of journal literature in *BIOSIS* – the interval between a paper's appearance in the journal and its coverage in *BIOSIS* – is not unduly large, unlike in *CAB Abstracts*.¹³

Journals used

Table 2 lists the 1,582 journals used by Indian researchers to publish their work in descending order of number of papers published. Indian researchers have published more than 100 papers in the three years in 37 journals and more than 50 papers in 84 journals. At the other extreme, they have published only one paper in each of 482 journals and two papers in each of 248 journals. Fig. 1 shows the distribution of papers among journals is very nearly Bradfordian. The country of publication of each journal, impact factor (from *Journal Citation Reports* 1992 and 1994) and the sub-field classification of the journal (mostly from *Science Citation Index Guide* and in some cases *Ulrich*) are also given in Table 2. Many journals indexed in *BIOSIS* are not indexed in *SCI* and therefore they are not included in *Journal Citation Reports*. Their impact factors are shown as 0.0. For some journals indexed in *JCR*, the impact factor column is left blank. For these journals also, I have shown the impact factor as 0.0. Some journals are classified into two or more sub-field categories, e.g., *Bioresource Technology*, a UK journal, is classified into energy, biotechnology and agriculture. More than 700 journals have no papers from India either in 1992 or in 1993-1994. Many of these journals were indexed in *BIOSIS* in both these periods, but had not indexed any paper from India in one of the periods. Some other journals, including such important titles as *Indian Journal of Biochemistry and Biophysics* and *Journal of Biosciences*, are not indexed at all in *BIOSIS* in one of the two periods. Editors of Indian journals should keep in touch with editors and publishers of

secondary services (such as *Current Contents*, *BIOSIS*, and *Science Citation Index*) and ensure timely coverage of their journals in these services.

Use of letters journals

Only about 2% of the papers have appeared in letters journals (Table 3). Indian life scientists have used 26 letters journals to publish 416 papers, and even among these papers more than 90 papers are not in life sciences proper. The 64 papers published in *Tetrahedron Letters* are in the area of organic chemistry. Eighteen published in *Analytical Letters* are in the area of analytical chemistry. Eight papers published in *Acta Crystallographica Section C* are in the area of crystallography. Two papers published in *Newsletters on Stratigraphy* are in the area of geology; and one paper published in *Synthetic Communications* belongs to organic chemistry. I included in this table all journals that have the words 'letters' or 'communication(s)' in their titles, with the exception of *Biochemical and Biophysical Research Communications*, which publishes short papers. In physics, Indian researchers publish a much higher percentage of papers in letters journals.¹¹

Classification by sub-field

Tables 4A and 4B provide information on the number of journals under each sub-field in which Indian researchers have published papers, along with the total number of papers from India in the different sub-fields. In Table 4A, journals are allotted to all the sub-field classes into which they are classified, and in Table 4B, in order to avoid duplicate counting, a journal is allotted to only one sub-field, usually the one which is listed first in Table 2. For example, *Indian Journal of Genetics and Plant Breeding* is included in plant science (and not in genetics). Of the 110 sub-fields, agriculture (2,824 papers), plant science (2,300 papers), biology (1,341 papers) and veterinary science (1,024 papers) are the sub-fields in which Indian researchers are most active. A very large part of life science research in India is centred on agriculture and classical biology. Among sub-fields of new biology, biochemistry and molecular biology (674 papers) is an area of more than moderate activity. The distribution of papers over sub-fields is shown in Fig. 2.

Classification by journal country

In Table 5 I list the countries publishing the journals in which Indian researchers have published their papers. More than 55% of papers from India have appeared in 118 Indian journals. Indian researchers have also published a large number of papers in British (2,570 papers; more than 12.8%) and US journals (1,964 papers; 9.8%). These are followed by journals published in the Netherlands, Germany, Switzerland and Japan. In all, Indian researchers have used journals from 52 countries to publish their work (Table 5). The distribution of Indian research papers in life sciences by journal country is shown in Fig. 3. The 118 Indian journals in which Indian researchers have published are listed in Table 6. At least seven journals in the top ten in this list are in the field of agriculture. Of the 50 journals most often used by Indian researchers to publish their work, only five are foreign journals: *Phytochemistry* (United Kingdom), *Biochemistry International* (Australia) which has been renamed *Biochemistry and Molecular Biology International*, *Cytologia* (Japan), *Fitoterapia* (Italy), and *World Journal of Microbiology and Biotechnology* (United Kingdom).

Similar lists for physics¹¹ and chemistry will have many more foreign journals. There are two reasons for this difference: one, a large part of biological science research done in India is in the areas of agriculture (including veterinary science and dairy science) and classical biology. The classical biology work done in India, with a few exceptions, is not of great current interest to researchers in the scientifically advanced countries and it may be difficult to get Indian papers in this area published in good foreign journals. Much of what is done in agriculture is of considerable local interest and publishing such research in Indian journals may serve the purpose better than publishing it in foreign journals. One must recognise that communication habits vary from field to field. Then there are medical journals such as *Indian Pediatrics* and *Indian Journal of Medical Research*, which carry articles of relevance to the Indian situation. Two, India's share of the journal literature of new biology is rather small, and these papers are scattered in a number of journals. The four most often used foreign journals in new biology are: *Biochemistry International* (Australia) (renamed *Biochemistry and Molecular Biology International*), 143 papers; *World Journal of Microbiology and Biotechnology* (UK), 81 papers; *Mutation Research* (Netherlands), 62 papers; and *Biochimica Biophysica Acta* (Netherlands), 56 papers.

Classification by journal impact factor

The journals publishing the Indian papers considered in this study are classified into different ranges of impact factors as seen from *Journal Citation Reports* 1992 and 1994 in Tables 7A and 7B respectively. A very large number of papers have appeared in very low impact journals. About 84% of papers have appeared in journals whose impact factor is either zero (meaning these journals are not included in *SCI*) or less than 1.0. About two thirds of the journals used are in this lowest impact category. At the other extreme, 54 papers have been published in 10 journals whose impact factor (IF 92) is higher than 6.0, and 103 papers in 24 journals with an impact factor of over 5.0. There is a slight increase in the impact factor of many journals between 1992 and 1994. For example, there are 15 journals with a 1994 impact factor higher than 6.0 (as against 10 in 1992) and these journals have published 72 Indian papers in the three years under study (as against 54 in the 10 journals whose 1992 impact factor was above 6.0). Fig. 4 and 5 show the distribution of Indian papers in life sciences in journals of different impact factor ranges. Fig. 6 and 7 show the distribution of journals used over impact factors.

Classification by institution

The Indian institutions whose work is indexed in *BIOSIS* 1992–1994 are listed in Table 8. There are three agricultural universities and two medical education and research institutes in the top seven institutions. Banaras Hindu University, University of Delhi, University of Calcutta and Indian Institute of Science are among the most prolific publishers of life sciences research in India. Fourteen institutions have published more than 200 papers, and 35 have published between 100 and 200 papers in the three years considered. Leaving out home addresses, one finds that life science research is published from over 1,400 institutions in India. The distribution of papers over institutions follows a typical Bradford curve (Fig. 8). These institutions are classified into different categories in Table 9 and Fig. 9. Academic institutions consisting of general, agricultural and medical universities and colleges and engineering colleges account for 64.5% of all papers from India. Scientific agencies of the central government such as the Indian Council of Agricultural Research (1,708 papers), Council of Scientific & Industrial Research (1,545 papers), and Indian Council of Medical Research (416 papers) have published 4,179 papers (about 21%).

Organisations under the central ministries account for 1,092 papers. The reason for the greater volume of work at the higher educational institutions, compared to the better-endowed national laboratories, is the presence of a very large number of doctoral students. Unlike scientists in the laboratories under different agencies of the Central Government, who enjoy the benefits of a decent income, job security and no penalties for non-performance, the students have to perform well to be able to make a career or to win overseas fellowships. It would be interesting to find out the per capita publication productivity of researchers in academic and other types of institutions, and relate it to the funds invested on these institutions.

Classification by city and state

Tables 10 and 11 give information on the numbers of papers published from different cities/towns and states of India. While Uttar Pradesh, Maharashtra and Delhi are the leading states, Delhi (1,935 papers) leads the rest of the cities by a large margin. This is largely because of the concentration of research institutions of all kinds in the capital. Four other cities, viz. Calcutta, Lucknow, Bombay, and Bangalore, have published more than 800 papers. Ludhiana and Hissar, largely thanks to the Punjab and CSS Haryana Agricultural Universities, and Hyderabad have published more than 700 papers each. Papers have come from more than 450 Indian cities and towns, of which 47 have published at least 100 papers in the three years and 82 more than 50 papers. Fig. 10 shows a plot of number of cities/towns vs. cumulative number of papers.

Use of high impact journals

In Table 12, I provide the numbers of papers published by some large institutions (prolific publishers) in journals of different impact factors (as given in *Journal Citation Reports* 1994). I must point out right away that one has to be extremely cautious in interpreting the data presented in this table. Ideally, one should count the actual number of times a paper is cited and see in which journals these citations occur, rather than merely look at the impact factor of the journal in which a paper is published. Very often Indian authors publish papers in journals above a certain threshold impact factor, but these papers do not get cited as often as would be expected on the basis of the impact factors of the journals. In an earlier paper I have

shown that Indian papers often bring down the impact factors of journals. Tibor Braun and colleagues have shown that in most fields the relative citation rates of India (ratios of actual citation rate / expected citation rate) is less than one.

As the impact factors of agricultural and classical biology journals are low, one does not find many highly cited papers coming out of agricultural universities. As pointed out in my report on agricultural research in India,¹³ communication habits differ from field to field and results of agricultural research are best published in local / national journals. Institutions carrying out work in new biology and medicine have a better chance of placing some of their papers in high impact journals. Indian Institute of Science, for example, has published 61 out of 284 papers in journals with impact factors higher than 2.5. Centre for Cellular and Molecular Biology has published 44 papers, about half of its entire output, in journals with impact factors higher than 2.5. National Institute of Immunology has 29 papers, Indian Institute of Chemical Biology 22 papers, and University of Delhi 37 papers in journals with impact factors higher than 2.5. Postgraduate Institute of Medical Education and Research, Chandigarh, has 18 papers, All India Institute of Medical Sciences 29 papers, and National Chemical Laboratory 18 papers in this list. Scientists from some of these institutions also publish their work in non-SCI journals, mostly Indian journals (such as *Indian Journal of Experimental Biology*) that could, with a little improvement, get into SCI.

In all, India as a whole has published 671 papers (about 3.35% of all papers) in journals with an impact factor (IF 94) higher than 2.5 and 270 papers in journals with an impact factor higher than 4.0 (Table 13). As pointed out by Prof. C N R Rao, one of India's leading policy makers and a prolific publisher of research papers, Indian researchers do find it difficult to place their papers in high impact journals. Among the papers indexed in *BIOSIS* 1992-94, only two papers in *Nature* and six in *Lancet* are from India. Indian researchers, however, manage to publish a larger number of papers in decent biochemistry journals. In the three years considered, they have published 30 papers in *Journal of Biological Chemistry*, 17 in *Biochemistry*, 56 in *Biochimica et Biophysica Acta*, 13 in *Journal of Molecular Biology*, 48 in *Biochemical and Biophysical Research Communications*, 21 in *Biochemical Journal*, and 19 in *European Journal of Biochemistry*. Apart from biochemistry and molecular biology (238 of the 674 papers), Indian researchers have published in medium-high impact journals (IF > 2.5 in *JCR* 1994) in neuroscience (46 papers), biophysics (41 papers),

microbiology (41 papers), immunology (39 papers) and genetics (33 papers). A small number of institutions account for a large percentage of papers in high impact journals. Scientists at the Indian Institute of Science have published eight of the 30 Indian papers in *Journal of Biological Chemistry*, seven of the 13 Indian papers in *Journal of Molecular Biology*, one paper in *Journal of Immunology*, and one paper in *Nature*. Scientists of Indian Institute of Chemical Biology have published seven papers in *Journal of Biological Chemistry*. All India Institute of Medical sciences had one paper in *Journal of Molecular Biology*, two papers in *American Review of Respiratory Diseases*, two in *Hepatology*, two in *Lancet*, and one in *Arthritis*. The International Centre for Genetic Engineering and Biotechnology had four papers in *Journal of Immunology* and one in *Journal of Biological Chemistry*. All four Indian papers in *Journal of Biomolecular NMR* came from Tata Institute of Fundamental Research. The only Indian paper in *FASEB Journal* has come from the Christian Medical College in Vellore, and the only Indian paper in *Journal of Cell Biology* has come from the University of Hyderabad. Indian Statistical Institute provided the only Indian paper in *American journal of Human Genetics*.

Considering the large number of people engaged in new biology research in India, one cannot be happy with this low level of use of high impact journals. Throughout the three-year period studied, as seen from *BIOSIS*, no Indian researcher has published a single paper in *Science*, the weekly journal of the American Association for the Advancement of Science. One is also sad to note that more than 46.4% of India's work indexed in *BIOSIS* 1992-1994 has appeared in journals not indexed in *SCI*, and another 37.4% of papers has appeared in journals with impact factor below 1.0. The silver lining to the cloud is provided by a few less-known institutions publishing papers in some better-known journals. There was a paper in *Lancet* from Dharbhanga Medical Hospital, and another in *Nature* from Utkal University. It is also possible that some Indian papers have appeared in important new journals which are too recent to have been included in *JCR* 1995.

A few well-meaning scientists are worried that studies such as this might encourage Indian scientists to publish their work in foreign journals to the great detriment of national initiatives to publish quality journals. While I appreciate their concern, I believe that without a large number of Indian scientists and institutions performing first-rate work we cannot sustain the quality of our journals for long.

Remember the United States of America was on the periphery of European science in the early decades of the century, but today USA is the centre in virtually every field of science and technology, and most leading journals are published in the USA. It would be educative to look at how this transformation came about. Valiathan²⁶ has posed the same question in a different context. In the early years of the Century, both Indian and US students went to the UK for higher studies in surgery (and medicine), but on return the Indians mostly concentrated on establishing a lucrative practice, whereas the Americans have transformed their country into the world's leader in research. In Valiathan's words, "in surgery India lives on borrowed intellectual capital" and "no concept, no discovery, no technology or procedure originated in India which shaped or directed the course of global surgery." Hardly the stuff with which we could build world-class journals. In an interview published in *Bulletin of the Atomic Scientists* about thirty years ago, astrophysicist Subrahmanyan Chandrasekhar told that lack of commitment and motivation was the major problem in India. Unfortunately, it is true even today.

Clustering of institutions

The contributions of major publishing institutions to often-used journals and to different sub-fields are summarised in Tables 14 and 15 respectively. From Table 15, one can gain an insight into the cognitive profile – areas of publishing activity - of an institution. For example, National Institute of Immunology is strong in immunology, biochemistry and molecular biology, genetics and biophysics. Indian Institute of Science has many papers in biochemistry and molecular biology and biophysics, and a small number of papers in plant sciences, microbiology, genetics, immunology and biotechnology. Besides, IISc has 18 papers in journals grouped under biology and 23 papers in multidisciplinary journals (such as *Nature*, *Proceedings of the National Academy of Sciences USA* and *Current Science*). For a rigorous analysis, one needs to classify these papers into appropriate sub-fields. From Tables 13-15, one can see that a cluster of institutions working on classical biology and agriculture concentrate on certain sub-fields and publish often in journals of low impact and another smaller cluster of institutions working on new biology publish part of their papers in high-impact journals. For example, Indian Institute of Science, University of Delhi, Aligarh Muslim University, National Chemical Laboratory, Indian Institute of Chemical

Biology, Centre for Cellular and Molecular Biology, University of Madras and National Institute of Immunology are reasonably strong in publishing in biochemistry and molecular biology, whereas the agricultural universities concentrate on agriculture, plant science, zoology, entomology, etc. It would be useful to investigate this phenomenon in detail and to examine the cognitive cross-links between institutions in the two clusters. I believe it would be in the nation's interest if the same set of practical problems are tackled both by classical biologists in the larger cluster and the new biologists in the smaller cluster. At the moment, there seems to be very little overlap between the interests of these two clusters. One hardly sees joint efforts involving institutions across the cluster boundary. Funding agencies such as DST-SERC and DBT might wish to encourage such collaborations.

Conclusion

BIOSIS is a good source of information on India's contribution to life science research. It covers all areas of life sciences, viz. classical and new biology, agriculture and some areas of medicine. Besides, from a bibliometrician's point of view, *BIOSIS*, like *SCI* and *Mathsci*, is easy to work with. Journal titles are given in full and journal country information is provided in the print version of *Serial Sources*. The one apparent lacuna is that it indexes less than 120 Indian journals, although *Insdoc's Directory of Indian Periodicals* lists several hundreds under biology, life sciences, medicine and agriculture. Considering that *BIOSIS* is an international database with a mandate to cover the entire world's literature output, one cannot find fault with the decision not to index more than about 120 Indian journals. The poor quality content of many Indian journals and delays in publication also do not help. Some other international databases index even fewer India journals. For example, *Science Citation Index*, which cares for quality of contents, indexes about a dozen Indian journals, and *Medline* about 25. Another lacuna is that *BIOSIS* has indexed certain journals either in 1992 or in 1993-1994, but not in both periods. Even journals of the standing of *Indian Journal of Biochemistry and Biophysics* and *Journal of Biosciences* have suffered. A brief list of such journals is given in Appendix 2. When asked about it, *BIOSIS* informed me that they "experienced receipt problems with both of these journals" [John W Schnepf, Section Chief, Information Authority Department, Email, 1 December 1998].

Life science research in India is much larger than physics research. There are about 4,100 - 4,300 papers from India indexed in a year's *Physics Abstracts* (or *INSPEC - Physics CD*), compared to about 7,000 in *BIOSIS*. Although this large volume can be attributed in part to the coverage of the literature of agriculture and medicine in *BIOSIS*, the fact is there are more biologists than physicists in India, a very large proportion of them working in classical biology. Enrolment figures and the number of doctoral dissertations submitted every year will bear this out. This analysis shows that more than 54% of Indian papers indexed in *BIOSIS* are published in Indian journals. One reason for this is that a substantial percentage of Indian papers in life sciences is in the area of agriculture and most of it is published in Indian journals. Here agriculture includes animal and veterinary science, horticulture and forestry. The extent of use of local journals varies from field to field. My analysis of agricultural research in India, based on *CAB Abstracts* 1990-1994, showed that close to 77% of papers were published in Indian journals.¹³ Corresponding figures for other fields are: 35% in mathematics, based on an analysis of *Mathsci* 1988-1995;⁹ 18.3% in physics, based on *INSPEC - Physics* 1992;¹¹ 9.5% in materials science, based on *Materials Science Citation Index* 1991-1994;¹⁰ 33.5% in medicine, based on *Medline* 1988-1994.¹²

A very large proportion of Indian life science papers are published either in low-impact journals (impact factor less than 1.0) or in journals not indexed in *SCI*. Less than 1.0% of Indian papers have appeared in journals with an impact factor higher than 4.0. That only a very small percentage of Indian papers are published in high impact journals is not unique to life sciences. Indeed, an even smaller percentage of papers get well cited. One reason for the poor quality of Indian research papers in life sciences, says Veena Parnaik of the Centre for Cellular and Molecular Biology, is the poor quality of biological education in schools and colleges, which cannot be easily set right at the Masters level [Personal communication, 13 November 1998]. The training in physics and chemistry is somewhat better, says Parnaik.

What should be of concern to policy makers and funding agencies is the fact that even scientists from better-known institutions publish a large number of papers in journals not indexed in *SCI*. For example, 20 of the 224 papers from Indian Institute of Science, 13 of the 120 papers from National Institute of Immunology, six of the 86 papers from Centre for Cellular and Molecular Biology, 96 of the 216 papers from

Central Drug Research Institute, and 37 of the 173 papers from Bhabha Atomic Research Centre have appeared in non-SCI journals. Some of these have appeared in Indian journals such as *Indian Journal of Experimental Biology* (which was indexed in SCI a few years ago but was dropped), *Journal of the Indian Institute of Science*, *Indian Journal of Physiology and Allied Sciences*, *Indian Pediatrics*, and *Bulletin of the Postgraduate Institute of Medical Education and Research Chandigarh*. It is also possible that a few papers from India might have appeared in journals which are new and therefore not yet listed in *Journal Citation Reports*. The least that Indian life scientists could do is to avoid publishing their work in non-SCI journals.

Academia accounts for a very large percentage of India's publications, although one is painfully aware of the tremendous state of neglect of most of India's higher educational institutions. This is largely due to the large number of doctoral students, who are keen to finish their work quickly and publish it in good journals.

Literature-based mapping can provide valuable insights for science policy makers. It can reveal a nation's (or any large aggregate's) strengths in terms of journals used for publishing, active institutions and sub-fields. In this study, I have analysed publications only and that from a single database. One could extend this study by consulting more databases, looking at actual citations to Indian papers (instead of being content with the impact factors of journals), and by looking at the extent and impact of collaboration, both national and international. I have presented some comparative data on the distribution of papers in different fields and the extent of international collaboration in Appendix 3. It would also be useful to look at the anatomy of the performance of different institutions, in conjunction with data on funds received for research by different investigators. I hope to do all these.

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Appendix 1: Broad fields and sub-fields included under 'Life sciences'
[Source: Science and Engineering Indicators 1998, NSF, USA, p. A-268]

Clinical medicine

Addictive diseases	Allergy
Anesthesiology	Arthritis & rheumatism
Cancer	Cardiovascular System
Dentistry	Dermatology & venereal disease
Endocrinology	Fertility
Gastroenterology	General & internal medicine
Geriatrics	Hematology
Hygiene & public health	Immunology
Miscellaneous clinical medicine	Nephrology
Neurology, neurosurgery	Obstetrics, gynecology
Ophthalmology	Orthopedics
Otorhinolaryngology	Pathology
Pediatrics	Pharmacology
Pharmacy	Psychiatry
Radiology & nuclear medicine	Respiratory system
Surgery	Tropical medicine
Urology	Veterinary medicine

Biomedical research

Anatomy & morphology	Biochemistry & molecular biology
Biomedical Engineering	Biophysics
Cell biology, Cytology & histology	Embryology
General biomedical research	Genetics & heredity
Microbiology	Microscopy
Miscellaneous biomedical research	Nutrition & dietetics
Parasitology	Physiology
Virology	

Biology

Agriculture & food science	Botany
Dairy & animal science	Ecology
Entomology	General biology
General Zoology	Marine biology & hydro-biology
Miscellaneous biology	Miscellaneous zoology

Other broad fields constituting the whole of science and technology are chemistry, physics, earth & space sciences, engineering & technology, and mathematics.

Appendix 2:

Selected journals indexed in *BIOSIS* 1993-1994 but not in 1992 along with number of Indian papers indexed

1	INT J TROP AGRIC	89
2	J BIOSCI	70
3	BIOL PLANT	61
4	BIOCHEM MOL BIOL INT	49
5	INT RICE RES NOTES	48
6	J DAIRY FOODS & HOME SCI	36
7	J ANIM MORPHOL PHYSIOL	35
8	PAVO	27
9	INDIAN J CANCER	23
10	INDIAN FERN JOURNAL	21

Selected journals indexed in *BIOSIS* 1992 but not in 1993-94 along with number of Indian papers indexed

1	INDIAN J BIOCHEM BIOPHYS	76
2	INDIAN PEDIATRICS	67
3	MYSORE J AGRIC SCI	63
4	NARENDRA DEVA J AGRIC RES	40
5	IND J MED SCI	22
6	J IND FISH SOC INDIA	22
7	INDIAN J PLANT PATHOL	13
8	INDIAN PERFUMER	13
9	J GENET	12
10	OIKOASSAY	9

Appendix 3:

Distribution of Scientific and Technical Papers for Selected Countries, by Field, 1995 ¹

[Source: Science and Engineering Indicators 1998, NSF, based on the 1981 ISI constant journal set of about 4,800 journals]

Field	World	India	USA	UK	Germany	France	Israel	J
All S&T fields, No. of papers	438,767	7,851	142,942	32,980	30,654	23,811	4,322	3
Clinical medicine, %	30.7	12.2	35.3	38.3	28.4	28.4	34.1	
Biomed. research, %	16.4	13.3	19.7	17.5	14.9	16.9	14.9	
Biology, %	8.0	7.3	7.8	8.1	6.0	5.8	9.0	
Chemistry, %	14.0	30.3	9.0	10.8	17.9	15.4	7.5	
Physics, %	16.9	21.2	12.5	12.0	21.2	19.2	20.5	
Earth & space sci, %	5.3	4.8	6.6	5.6	3.9	5.1	4.1	
Eng & technol, %	7.0	9.9	7.2	6.3	5.9	5.7	6.6	
Mathematics, %	1.8	1.0	2.0	1.4	1.8	3.5	3.3	

Per cent of Internationally Coauthored Scientific and Technical Papers for Selected Countries, by Field, 1991-1995 ¹

[Source: Science and Engineering Indicators 1998, NSF, based on the 1981 ISI constant journal set of about 4,800 journals]

Field	World	India	USA	UK	Germany	France	Israel	Japa
All S&T fields	13	13	16	26	30	32	37	1
Clinical medicine	10	11	12	18	21	22	23	1
Biomedical research	14	13	17	29	35	32	42	1
Biology	11	15	13	25	26	28	33	1
Chemistry	11	8	14	25	23	28	39	1
Physics	19	20	25	40	43	45	51	1
Earth & space sciences	20	21	24	43	52	51	46	3
Engineering & technology	11	12	14	20	22	27	36	1
Mathematics	19	31	24	36	36	29	55	1

Tables

**Table 1: Indian research papers abstracted in BIOSIS 1992-94
[arranged by publication year]**

Sl No.	Publication year	Number of papers 1992	Number of papers 1993-94	Total
1	1986	8	0	8
2	1988	1	1	2
3	1989	61	8	69
4	1990	585	99	684
5	1991	3272	694	3966
6	1992	3525	3987	7512
7	1993	3	6610	6613
8	1994	0	1192	1192
Total		7455	12591	20046

In BIOSIS 1992, there are three papers bearing a publication date 1993. These could either be documents published well in advance of the printed publication date or documents with typographical errors. One of them is in *Meat Science*, Vol. 33, No. 1, and the other two are in *Journal of Food Engineering*, Vol. 18, No. 1 (Both these journals are published by Elsevier Science Publishers Ltd, Barking, Essex, England).

Table 2 : Indian research papers classified by journals [arranged by number of papers]
 [Source: BIOSIS 1992-94]

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
1	INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY	BIOLOGY	IND	0.000	0.000	222	371	593
2	INDIAN VETERINARY JOURNAL	VET SCI	IND	0.004	0.007	193	373	566
3	INDIAN JOURNAL OF AGRONOMY	AGRICUL	IND	0.002	0.000	119	329	448
4	INDIAN JOURNAL OF ANIMAL SCIENCES	AGRI, DAIRY	IND	0.014	0.017	113	311	424
5	JOURNAL OF MAHARASHTRA AGRICULTURAL UNIVERSITIES	AGRICUL	IND	0.000	0.000	64	349	413
6	JOURNAL OF THE INDIAN SOCIETY OF SOIL SCIENCE	AGRI, SOIL	IND	0.000	0.000	98	304	402
7	INDIAN JOURNAL OF AGRICULTURAL SCIENCES	AGRICUL	IND	0.026	0.008	100	233	333
8	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY	FOOD SCI	IND	0.026	0.059	72	214	286
9	TROP RESEARCH (HISAR)	AGRICUL	IND	0.000	0.000	102	178	280
10	INDIAN FORESTER	FORESTRY	IND	0.000	0.000	85	148	233
11	ACTA BOTANICA INDICA	PLANT SCI	IND	0.000	0.000	76	152	228
12	CURRENT SCIENCE (BANGALORE)	MULTIDIS SCI	IND	0.271	0.253	85	141	226
13	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION B (BIOLOGICAL SCIENCES)	BIOLOGY	IND	0.000	0.000	54	132	186
14	INDIAN JOURNAL OF PLANT PHYSIOLOGY	PLANT SCI	IND	0.000	0.000	64	118	182
15	INDIAN JOURNAL OF GENETICS & PLANT BREEDING	PLANT SCI// GENETICS	IND	0.000	0.000	55	104	159
16	INDIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY	PHARMACOL // PHYSIOL	IND	0.000	0.000	51	105	156
17	ADVANCES IN PLANT SCIENCES	PLANT SCI	IND	0.000	0.000	49	102	151
18	JOURNAL OF ENTOMOLOGICAL RESEARCH (NEW DELHI)	ENTOMOL	IND	0.000	0.000	67	84	151
19	PHYTOCHEMISTRY (OXFORD)	PLANT SCI	UKD	1.157	1.113	62	86	148
20	INDIAN JOURNAL OF MEDICAL RESEARCH SECTION B	MED, RES	IND	0.175	0.172	62	84	146
21	JOURNAL OF VETERINARY AND ANIMAL SCIENCES	VET SCI	IND	0.000	0.000	30	115	145
22	INDIAN JOURNAL OF CHEMISTRY SECTION B ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEM	CHEM, ORG	IND	0.293	0.275	98	45	143
23	JOURNAL OF INSECT SCIENCE	ENTOMOL	IND	0.000	0.000	60	83	143
24	INDIAN JOURNAL OF NEMATOLOGY	ZOOLOGY	IND	0.000	0.000	50	91	141
25	JOURNAL OF ECONOMIC AND TAXONOMIC BOTANY	PLANT SCI	IND	0.000	0.000	52	86	138

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
26	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	PHARMACOL	IND ✓	0.000	0.000	69	68	137
27	INDIAN JOURNAL OF MEDICAL RESEARCH SECTION A	MED, GEN //IMMUNOL	IND	0.296	0.227	57	73	130
28	AGRICULTURAL SCIENCE DIGEST	AGRICUL	IND	0.000	0.000	48	80	128
29	INDIAN JOURNAL OF POULTRY SCIENCE	AGRI, DAIRY	IND	0.000	0.000	50	75	125
30	INDIAN JOURNAL OF PHARMACOLOGY	PHARMACOL	IND	0.000	0.000	45	78	123
31	INDIAN JOURNAL OF ANIMAL NUTRITION	AGRI, DAIRY	IND	0.000	0.000	60	50	110
32	INDIAN JOURNAL OF PEDIATRICS	PEDIAT	IND	0.000	0.000	42	65	107
33	JOURNAL OF ENVIRONMENTAL BIOLOGY	ENV SCI	IND	0.065	0.027	47	60	107
34	ANNALS OF BIOLOGY (LUDHIANA)	BIOLOGY	IND	0.000	0.000	27	77	104
35	JOURNAL OF HUMAN ECOLOGY	ECOLOGY	IND	0.000	0.000	44	60	104
36	CROP IMPROVEMENT	AGRICUL	IND	0.000	0.000	11	91	102
37	JOURNAL OF RESEARCH PUNJAB AGRICULTURAL UNIVERSITY	AGRICUL	IND	0.000	0.000	54	48	102
38	UTTAR PRADESH JOURNAL OF ZOOLOGY	ZOOLOGY	IND	0.000	0.000	53	44	97
39	GEOBIOS (JODHPUR)	GEOSCI	IND	0.000	0.000	19	77	96
40	INDIAN JOURNAL OF MARINE SCIENCES	OCEAN // MARINE BIOL	IND	0.129	0.072	30	65	95
41	PROCEEDINGS OF THE INDIAN NATIONAL SCIENCE ACADEMY PART B BIOLOGICAL SCIENCES	BIOLOGY	IND	0.000	0.000	32	63	95
42	BIOCHEMISTRY INTERNATIONAL	BIOCHEM	AUS	0.828	0.697	75	19	94
43	PKV (PUNJABRAO KRISHI VIDYAPEETH) RESEARCH JOURNAL	AGRICUL	IND	0.000	0.000	25	69	94
44	INTERNATIONAL JOURNAL OF TROPICAL AGRICULTURE	AGRICUL	IND	0.000	0.000	0	89	89
45	CYTOLOGIA (TOKYO)	CELL BIOL	JPN	0.000	0.000	48	37	85
46	PHYTOMORPHOLOGY	PLANT SCI	IND	0.000	0.000	32	53	85
47	FITOTERAPIA	PLANT SCI	ITA	0.000	0.000	35	49	84
48	INDIAN VETERINARY MEDICAL JOURNAL	VET SCI	IND	0.000	0.000	38	44	82
49	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	BIOTECH // MICROBIOL	UKD	0.382	0.385	30	51	81
50	BIONATURE	BIOLOGY	IND	0.000	0.000	25	55	80
51	INDIAN JOURNAL OF ENVIRONMENTAL HEALTH	PUB HEALTH	IND	0.000	0.000	34	46	80
52	INDIAN JOURNAL OF BIOCHEMISTRY AND BIOPHYSICS	BIOPHYS //BIOCHEM	IND	0.349	0.328	76	0	76
53	INDIAN JOURNAL OF COMPARATIVE ANIMAL PHYSIOLOGY	AGRI, DAIRY // VET SCI	IND	0.000	0.000	42	32	74
54	ENTOMON	ENTOMOL	IND	0.000	0.008	9	64	73
55	INDIAN JOURNAL OF MALARIOLOGY	TROP MED	IND	0.000	0.000	38	35	73

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
56	FISHERY TECHNOLOGY	FISHERIES	IND	0.000	0.000	34	37	71
57	JOURNAL OF BIOSCIENCES	BIOLOGY	IND	0.432	0.383	0	70	70
58	INDIAN JOURNAL OF AGRICULTURAL RESEARCH	AGRICUL	IND	0.000	0.000	16	53	69
59	INDIAN JOURNAL OF PHYSIOLOGY AND ALLIED SCIENCES	PHYSIOL	IND	0.000	0.000	25	44	69
60	JOURNAL OF NUCLEAR AGRICULTURE AND BIOLOGY	AGRICUL	IND	0.000	0.000	23	46	69
61	INDIAN PEDIATRICS	PEDIAT	IND	0.000	0.000	67	0	67
62	INDIAN JOURNAL OF OPHTHALMOLOGY	OPHTHALMOL	IND	0.000	0.000	11	55	66
63	PROCEEDINGS OF THE ZOOLOGICAL SOCIETY (CALCUTTA)	ZOOLOGY	IND	0.000	0.000	16	50	66
64	INDIAN JOURNAL OF MYCOLOGY AND PLANT PATHOLOGY	PLANT SCI	IND	0.000	0.000	9	56	65
65	TETRAHEDRON	CHEM, ORG	UKD	2.277	1.830	29	35	64
66	TETRAHEDRON LETTERS	CHEM, ORG	UKD	2.378	2.321	39	25	64
67	MYSORE JOURNAL OF AGRICULTURAL SCIENCES	AGRICUL	IND	0.000	0.000	63	0	63
68	INDIAN JOURNAL OF SERICULTURE	AGRICUL	IND	0.000	0.000	22	40	62
69	MUTATION RESEARCH	GENETICS //BIOCHEM //TOXICOL	NLD	1.975	1.960	18	44	62
70	BIOLOGIA PLANTARUM (PRAGUE)	PLANT SCI	CSK	0.168	0.215	0	61	61
71	BIORESOURCE TECHNOLOGY	ENERGY //BIOTECH //AGRICUL	UKD	0.785	0.558	31	28	59
72	INDIAN BOTANICAL CONTACTOR	PLANT SCI	IND	0.000	0.000	25	33	58
73	NATIONAL MEDICAL JOURNAL OF INDIA	MED, GEN	IND	0.000	0.000	14	44	58
74	INTERNATIONAL JOURNAL OF PHARMACOGNOSY	PHARMACOL	NLD	0.000	0.000	24	33	57
75	BIOCHIMICA ET BIOPHYSICA ACTA	BIOCHEM //BIOPHYS //BIOTECH	NLD	2.507	2.610	18	38	56
76	JOURNAL OF BIOLOGICAL CONTROL	BIOLOGY	IND	0.000	0.000	22	34	56
77	INTERNATIONAL JOURNAL OF TROPICAL PLANT DISEASES	PLANT SCI	IND	0.000	0.000	11	43	54
78	BIOTECHNOLOGY LETTERS	BIOTECH	UKD	0.976	1.110	18	35	53
79	FOLIA MICROBIOLOGICA	MICROBIOL //BIOTECH	CSK	0.307	0.257	1	52	53
80	JOURNAL OF PHYTOLOGICAL RESEARCH	PLANT SCI	IND	0.000	0.000	16	37	53
81	INDIAN JOURNAL OF PLANT PROTECTION	PLANT SCI//AGRICUL	IND	0.000	0.000	11	41	52
82	JOURNAL OF ADVANCED ZOOLOGY	ZOOLOGY	IND	0.000	0.018	11	41	52
83	BIOLOGICAL MEMOIRS	BIOLOGY	IND	0.000	0.000	38	13	51
84	INDIAN JOURNAL OF ANIMAL RESEARCH	VET SCI //AGRI, DAIRY	IND	0.000	0.000	25	26	51
85	BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL	BIOCHEM	AUS	0.566	0.000	0	49	49
86	JOURNAL OF COMMUNICABLE DISEASES	TROP MED //MED, GEN	IND	0.000	0.000	21	28	49

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
87	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	BIOCHEM //BIOPHYS	USA	3.400	3.583	16	32	48
88	INTERNATIONAL JOURNAL OF CARDIOLOGY	CARDIOVASC	NLD	0.454	0.497	16	32	48
89	INTERNATIONAL RICE RESEARCH NOTES	AGRICUL	PHL	0.000	0.000	0	48	48
90	INDIAN JOURNAL OF VETERINARY SURGERY	VET SCI	IND	0.000	0.000	7	40	47
91	JOURNAL OF THE BOMBAY NATURAL HISTORY SOCIETY	ORNITHOLOGY	IND	0.000	0.000	21	26	47
92	PLANT FOODS FOR HUMAN NUTRITION (DORDRECHT)	FOOD SCI //PLANT SCI //CHEM, APPL	NLD	0.168	0.000	12	35	47
93	FEDDES REPERTORIUM	PLANT SCI	DEU	0.000	0.000	23	23	46
94	FEMS (FEDERATION OF EUROPEAN MICROBIOLOGICAL SOCIETIES) MICROBIOLOGY LETTERS	MICROBIOL	NLD	1.597	1.334	14	32	46
95	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	FOOD SCI //AGRICUL //CHEM, APPL	USA	1.342	1.473	18	28	46
96	JOURNAL OF NATURAL PRODUCTS (LLOYDIA)	CHEMISTRY //PLANT SCI //PHARMACOL	USA	1.498	1.303	24	22	46
97	JOURNAL OF THE ANATOMICAL SOCIETY OF INDIA	ANATOMY	IND	0.000	0.000	9	37	46
98	PHOTOSYNTHEICA (PRAGUE)	PLANT SCI	CSK	0.457	0.239	10	35	45
99	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE	AGRICUL //FOOD SCI	UKD	0.866	0.794	18	26	44
100	PLANT CELL TISSUE AND ORGAN CULTURE	PLANT SCI	NLD	0.745	0.982	17	27	44
101	MOLECULAR AND CELLULAR BIOCHEMISTRY	BIOCHEM	NLD	1.250	1.377	8	35	43
102	TROPICAL AGRICULTURE	AGRICUL //AGRI, DAIRY	UKD	0.098	0.114	27	16	43
103	JOURNAL OF THE AMERICAN OIL CHEMISTS' SOCIETY	CHEM, APPL //FOOD SCI	USA	0.980	0.983	20	22	42
104	PLANT CELL REPORTS	PLANT SCI	DEU	1.590	1.801	23	18	41
105	JOURNAL OF AGRONOMY AND CROP SCIENCE	AGRICUL	DEU	0.192	0.231	17	23	40
106	JOURNAL OF THE INDIAN POTATO ASSOCIATION	AGRICUL	IND	0.000	0.000	5	35	40
107	NARENDRA DEVA JOURNAL OF AGRICULTURAL RESEARCH	AGRICUL	IND	0.000	0.000	40	0	40
108	ENZYME AND MICROBIAL TECHNOLOGY	BIOTECH	UKD	1.784	1.315	11	28	39
109	INTERNATIONAL JOURNAL OF REMOTE SENSING	PHOTOGRAPH TECH //REMOTE SENS	UKD	0.882	0.814	6	33	39
110	FEDS (FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES) LETTERS	BIOPHYS //BIOCHEM	NLD	3.600	3.505	8	30	38
111	JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A ENVIRONMENTAL SCIENCE AND ENGINEERING	ENV SCI // PUB HEALTH	USA	0.467	0.354	10	28	38

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
112	LETTERS IN APPLIED MICROBIOLOGY	MICROBIOL //BIOTECH	UKD	1.040	1.042	11	27	38
113	BIOMEDICAL AND ENVIRONMENTAL SCIENCES	ENV SCI	USA	0.000	0.000	12	25	37
114	EUPHYTICA	PLANT SCI //AGRICUL	NLD	0.579	0.351	18	19	37
115	CANCER LETTERS	ONCOL	NLD	1.264	1.137	13	23	36
116	JOURNAL OF DAIRYING FOODS & HOME SCIENCES	AGRI, DAIRY	IND	0.000	0.000	0	36	36
117	JOURNAL OF SURGICAL ONCOLOGY	SURGERY //ONCOLOGY	USA	0.443	0.499	14	22	36
118	JOURNAL OF TROPICAL PEDIATRICS	TROP MED //PEDIAT	UKD	0.224	0.320	12	24	36
119	JOURNAL OF ANIMAL MORPHOLOGY AND PHYSIOLOGY	VET SCI	IND	0.000	0.000	0	35	35
120	NEOPLASMA (BRATISLAVA)	ONCOL	CSK	0.354	0.366	12	23	35
121	POLYHEDRON	CHEM, INOR //CRYSTAL	UKD	1.081	1.287	24	10	34
122	TROPICAL ECOLOGY	ECOLOGY	IND	0.000	0.000	7	27	34
123	ASIAN JOURNAL OF DAIRY RESEARCH	AGRI, DAIRY	IND	0.000	0.000	27	6	33
124	INSECT SCIENCE AND ITS APPLICATION	ENTOMOL	KEN	0.065	0.157	22	11	33
125	SEED RESEARCH (NEW DELHI)	AGRICUL	IND	0.000	0.000	16	17	33
126	BIOPROCESS ENGINEERING	ENG, BIOM	DEU	0.852	0.718	7	25	32
127	PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES CHEMICAL SCIENCES	CHEMISTRY	IND	0.000	0.000	21	11	32
128	SCIENCE OF THE TOTAL ENVIRONMENT	ENV SCI	NLD	0.742	0.618	7	24	31
129	ARID SOIL RESEARCH AND REHABILITATION	AGRI, SOIL //ENV SCI	UKD	0.087	0.000	14	16	30
130	INTERNATIONAL JOURNAL OF LEPROSY	PATHOL //TROP MED	USA	0.980	1.295	9	21	30
131	JOURNAL OF BIOLOGICAL CHEMISTRY	BIOCHEM	USA	7.716	6.733	13	17	30
132	ZENTRALBLATT FUER MIKROBIOLOGIE	MICROBIOL	DEU	0.124	0.127	13	17	30
133	ASIAN JOURNAL OF PLANT SCIENCE	PLANT SCI	IND	0.000	0.000	12	17	29
134	HEALTH AND POPULATION PERSPECTIVES AND ISSUES	PUB HEALTH	IND	0.000	0.000	14	15	29
135	BIOLOGY AND FERTILITY OF SOILS	AGRI, SOIL	DEU	0.908	0.843	9	19	28
136	JOURNAL OF PLANT PHYSIOLOGY	PLANT SCI	DEU	1.088	0.915	12	16	28
137	PLANT SCIENCE (LIMERICK)	PLANT SCI	IRE	1.257	1.355	10	18	28
138	TALANTA	CHEM, ANAL	UKD	1.167	1.236	13	15	28
139	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	CHEM, ORG //CHEM, CLIN	UKD	1.425	1.217	6	21	27
140	FOOD AND CHEMICAL TOXICOLOGY	TOXICOL //FOOD SCI	UKD	1.103	0.857	8	19	27
141	FOOD CHEMISTRY	FOOD SCI //NUTRI DIET //CHEM, APPL	UKD	0.683	0.619	11	16	27

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142	INDIAN JOURNAL OF INDUSTRIAL MEDICINE	MED, GEN	IND	0.000	0.000	10	17	27
143	JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (INDIA)	MULTIDIS SCI	IND	0.237	0.062	9	18	27
144	PAVO	ORNITHOLOGY	IND	0.000	0.000	0	27	27
145	BIOMETRICAL JOURNAL	MATHS, APPL	DEU	0.165	0.000	17	9	26
146	BIOTECHNOLOGY TECHNIQUES	BIOTECH	UKD	0.612	0.000	12	14	26
147	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	GEOLOGY	IND	0.118	0.133	13	13	26
148	SEED SCIENCE AND TECHNOLOGY	AGRICUL //PLANT SCI //HORITCUL	NLD	0.161	0.209	7	19	26
149	TROPICAL PEST MANAGEMENT	AGRICUL	UKD	0.069	0.104	19	7	26
150	AGRICULTURAL AND BIOLOGICAL RESEARCH	AGRI, SOIL //AGRI, DAIRY	DEU	0.329	0.239	18	7	25
151	CYTOBIOS	CELL BIOL	UKD	0.000	0.000	4	20	24
152	INDIAN JOURNAL OF CHEMISTRY SECTION A INORGANIC BIO-INORGANIC PHYSICAL THEORETIC	CHEM, INOR	IND	0.355	0.357	24	0	24
153	INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH	BIOCHEM	DEN	1.785	1.894	8	16	24
154	JOURNAL OF AQUACULTURE IN THE TROPICS	FISHERIES	IND	0.000	0.000	14	10	24
155	JOURNAL OF GENETICS & BREEDING	GENETICS	ITA	0.000	0.000	13	11	24
156	JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE	MULTIDIS SCI	IND	0.000	0.000	3	21	24
157	SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH	TROP MED // PUBL HEALTH	THA	0.000	0.000	4	20	24
158	BIOCHEMICAL ARCHIVES	BIOCHEM	USA	0.714	0.422	7	16	23
159	FERTILIZER RESEARCH	AGRI, SOIL	NLD	0.284	0.243	8	15	23
160	INDIAN JOURNAL OF CANCER	ONCOL	IND	0.000	0.000	0	23	23
161	JOURNAL OF RESEARCH APAU (ANDHRA PRADESH AGRICULTURAL UNIVERSITY)	AGRICUL	IND	0.000	0.000	21	2	23
162	MYCOLOGICAL RESEARCH	MYCOLOGY	UKD	0.975	0.694	9	14	23
163	SMALL RUMINANT RESEARCH	AGRI, DAIRY	NLD	0.155	0.139	8	15	23
164	THEORETICAL AND APPLIED GENETICS	GENETICS	DEU	2.536	2.095	10	13	23
165	INDIAN JOURNAL OF MEDICAL SCIENCES	MED, GEN	IND	0.000	0.000	22	0	22
166	INTERNATIONAL JOURNAL OF GYNECOLOGY AND OBSTETRICS	OBST GYNE	NLD	0.344	0.292	6	16	22
167	JOURNAL OF THE INLAND FISHERIES SOCIETY OF INDIA	FISHERIES	IND	0.000	0.000	22	0	22
168	MYCOPATHOLOGIA	MYCOLOGY //PATHOL	NLD	1.050	0.626	12	10	22
169	STARCH STAERKE	FOOD SCI	DEU	0.701	0.581	10	12	22
170	ACTA CYTOLOGICA	CELL BIOL	USA	0.698	0.720	5	16	21
171	BIOCHEMICAL JOURNAL	BIOCHEM	UKD	4.262	3.716	8	13	21
172	BRITISH JOURNAL OF UROLOGY	UROL NEPH	UKD	0.688	0.661	6	15	21
173	CURRENT MICROBIOLOGY	MICROBIOL	USA	0.983	0.940	6	15	21

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174	ENVIRONMENTAL POLLUTION	ENV SCI	UKD	1.159	1.160	6	15	21
175	FLUORIDE	PHARMACOL //CHEMISTRY	USA	0.696	0.200	10	11	21
176	INDIAN FERN JOURNAL	PLANT SCI	IND	0.000	0.000	0	21	21
177	INDIAN JOURNAL OF NATURAL RUBBER RESEARCH	POLYM SCI	IND	0.000	0.000	5	16	21
178	JOURNAL OF TROPICAL MEDICINE AND HYGIENE	TROP MED //PUB HEALTH	UKD	0.568	0.503	9	12	21
179	LEPROSY REVIEW	TROP MED //PATHOL //DERMATOL	UKD	0.914	0.908	6	15	21
180	PAKISTAN JOURNAL OF ZOOLOGY	ZOOLOGY	PAK	0.000	0.000	13	8	21
181	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	BIOTECH //BIOCHEM	USA	0.750	0.808	10	10	20
182	BIOCHEMICAL PHARMACOLOGY	PHARMACOL //BIOCHEM	USA	2.263	2.129	8	12	20
183	CONTRACEPTION	OBST GYNE	USA	0.777	0.883	11	9	20
184	INDIAN JOURNAL OF PHYSICAL ANTHROPOLOGY AND HUMAN GENETICS	ANTHROPOL //GENETICS	IND	0.000	0.000	14	6	20
185	JOURNAL OF AGRICULTURAL SCIENCE	AGRICUL //AGRI, DAIRY	UKD	0.621	0.617	7	13	20
186	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	BIOPHYS //BIOCHEM	USA	1.487	1.788	11	9	20
187	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	ENG, CHEM //CHEMISTRY //BIOTECH	UKD	0.581	0.579	6	14	20
188	JOURNAL OF CHROMATOGRAPHY	CHEM, ANAL	NLD	2.523	1.958	8	12	20
189	JOURNAL OF LARYNGOLOGY AND OTOTOLOGY	OTORHINOL	UKD	0.349	0.332	9	11	20
190	JOURNAL OF MEDICAL MICROBIOLOGY	MICROBIOL	UKD	1.627	1.561	9	11	20
191	JOURNAL OF MICROENCAPSULATION	PHARMACOL //CHEM APPL //ENG, CHEM	UKD	0.442	0.430	13	7	20
192	MEDICAL SCIENCE RESEARCH	MED, GEN	UKD	0.000	0.000	0	20	20
193	PLANT BREEDING	PLANT SCI //AGRICUL	DEU	0.600	0.651	7	13	20
194	SOIL BIOLOGY AND BIOCHEMISTRY	AGRI, SOIL	UKD	1.127	1.291	6	14	20
195	AGRICULTURAL WATER MANAGEMENT	WATER RES //AGRICUL	NLD	0.258	0.291	8	11	19
196	AGROFORESTRY SYSTEMS	FORESTRY //AGRICUL	NLD	0.152	0.117	8	11	19
197	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	ENV SCI //TOXICOL	USA	0.563	0.671	0	19	19
198	EUROPEAN JOURNAL OF BIOCHEMISTRY	BIOCHEM	USA	3.578	3.499	9	10	19
199	GENERAL AND COMPARATIVE ENDOCRINOLOGY	ENDOCR	USA	1.393	1.822	7	12	19
200	JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY	MICROBIOL //BIOTECH	JPN	0.517	0.476	5	14	19
201	NUCLEUS (CALCUTTA)	PLANT SCI	IND	0.000	0.000	13	6	19
202	NUTRITION RESEARCH	NUTRI DIET	USA	0.469	0.631	9	10	19

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203	UROLOGIA INTERNATIONALIS	UROL NEPH	CHE	0.351	0.223	6	13	19
204	ANALYTICAL LETTERS	CHEM, ANAL	USA	0.950	1.000	2	16	18
205	EXPERIENTIA (BASEL)	MULTIDIS SCI	CHE	1.615	1.492	11	7	18
206	JOURNAL OF THE CHEMICAL SOCIETY DALTON TRANSACTIONS	CHEM, INOR	UKD	1.972	1.834	13	5	18
207	NAHRUNG	FOOD SCI	DEU	0.196	0.201	4	14	18
208	PLANT AND SOIL	AGRI, SOIL // PLANT SCI	NLD	0.714	0.954	11	7	18
209	PLANTA MEDICA	//AGRICUL PHARMACOL //PLANT SCI	DEU	1.044	1.078	7	11	18
210	VACCINE	IMMUNOL	UKD	2.189	1.920	7	11	18
211	ACTA AGRONOMICA HUNGARICA	AGRICUL	HUN	0.000	0.000	6	11	17
212	ANNALS OF APPLIED BIOLOGY	BIOLOGY	UKD	0.405	0.569	5	12	17
213	ANNALS OF BOTANY (LONDON)	PLANT SCI	UKD	1.066	1.069	8	9	17
214	AQUACULTURE	FISHERIES //MARINE BIOL	NLD	0.837	0.928	7	10	17
215	BIOCHEMIE UND PHYSIOLOGIE DER PFLANZEN (BPP)	PLANT SCI	DEU	0.565	0.610	12	5	17
216	BIOCHEMISTRY	BIOCHEM	USA	5.234	5.196	7	10	17
217	GARTENBAUWISSENSCHAFT	HORTICUL	DEU	0.198	0.238	9	8	17
218	JOURNAL OF INORGANIC BIOCHEMISTRY	BIOCHEM //CHEM, INOR	USA	1.478	1.361	11	6	17
219	JOURNAL OF REPRODUCTIVE BIOLOGY AND COMPARATIVE ENDOCRINOLOGY	REPROD SYS // ENDOCR	IND	0.000	0.000	6	11	17
220	MYCOTAXON	MYCOLOGY	USA	0.382	0.511	4	13	17
221	ORIENTAL INSECTS	ENTOMOL	IND	0.000	0.026	7	10	17
222	AMERICAN HEART JOURNAL	CARDIOVASC	USA	1.453	1.526	4	12	16
223	BRITISH JOURNAL OF NEUROSURGERY	NEUROSCI //SURGERY	UKD	0.534	0.000	2	14	16
224	GENE (AMSTERDAM)	GENETICS	NLD	2.305	2.569	7	9	16
225	KROMOSOMO (TOKYO)	GENETICS	JPN	0.000	0.000	8	8	16
226	PESTICIDE SCIENCE	AGRICUL	UKD	0.904	0.983	5	11	16
227	WATER RESEARCH	ENG, CIVIL //ENV SCI //WATER RES	UKD	1.574	1.594	8	8	16
228	AQUATIC BOTANY	PLANT SCI	NLD	0.793	0.778	5	10	15
229	BULLETIN OF THE WORLD HEALTH ORGANIZATION	PUB HEALTH	CHE	1.526	1.450	3	12	15
230	BURNS	DERMATOL //CRITICAL CARE	UKD	0.275	0.211	6	9	15
231	CRYPTOGAMIC BOTANY	PLANT SCI	DEU	0.000	0.000	5	10	15
232	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	TOXICOL //ENV SCI	UKD	1.290	0.684	7	8	15
233	EUROPEAN ARCHIVES OF BIOLOGY	BIOLOGY	BEL	0.000	0.000	5	10	15
234	HUMAN & EXPERIMENTAL TOXICOLOGY	TOXICOL	UKD	0.697	0.638	7	8	15
235	INTERNATIONAL JOURNAL FOR PARASITOLOGY	PARASITOL	UKD	0.917	1.045	8	7	15
236	JOURNAL OF ARID ENVIRONMENTS	ENV SCI //ECOLOGY	USA	0.545	0.496	4	11	15

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237	JOURNAL OF CLINICAL BIOCHEMISTRY AND NUTRITION	NUTRI DIET	JPN	0.354	0.359	3	12	15
238	JOURNAL OF COFFEE RESEARCH	AGRICUL	IND	0.000	0.000	4	11	15
239	JOURNAL OF PLANT NUTRITION	PLANT SCI	USA	0.589	0.555	4	11	15
240	LEBENSMITTEL-WISSENSCHAFT & TECHNOLOGIE	FOOD SCI	UKD	0.000	0.882	7	8	15
241	PLANT PATHOLOGY (OXFORD)	PLANT SCI //AGRICUL	UKD	0.873	0.796	5	10	15
242	ACTA OPHTHALMOLOGICA	OPHTHALMOL	DEN	0.374	0.413	7	7	14
243	ANNALS OF TROPICAL MEDICINE AND PARASITOLOGY	TROP MED //PARASITOL	UKD	0.581	0.465	7	7	14
244	ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	TOXICOL //ENV SCI	USA	1.182	1.221	11	3	14
245	ASIA PACIFIC JOURNAL OF PHARMACOLOGY	PHARMACOL	SGP	0.337	0.250	6	8	14
246	DIAGNOSTIC CYTOPATHOLOGY	MED, LAB //PATHOL	USA	0.348	0.268	9	5	14
247	INDIAN JOURNAL OF EARTH SCIENCES	GEOSCI	IND	0.000	0.000	10	4	14
248	JOURNAL OF EXPERIMENTAL BOTANY	PLANT SCI	UKD	1.463	1.478	8	6	14
249	JOURNAL OF FERMENTATION AND BIOENGINEERING	FOOD SCI //BIOTECH	NLD	1.002	0.861	3	11	14
250	JOURNAL OF FOOD ENGINEERING	FOOD SCI //ENG CHEM	UKD	0.740	0.000	6	8	14
251	JOURNAL OF PHARMACY AND PHARMACOLOGY	PHARMACOL	UKD	0.887	1.048	8	6	14
252	JOURNAL OF STORED PRODUCTS RESEARCH	AGRICUL	UKD	0.440	0.338	6	8	14
253	NEUROSCIENCE LETTERS	NEUROSCI	NLD	2.703	2.419	4	10	14
254	STRAHLENTHERAPIE UND ONKOLOGIE	RADIOL //ONCOL	DEU	0.000	0.000	5	9	14
255	THERIOGENOLOGY	VET SCI	USA	1.967	1.725	7	7	14
256	TROPICAL AND GEOGRAPHICAL MEDICINE	TROP MED //PUB HELATH	NLD	0.233	0.344	6	8	14
257	ZEITSCHRIFT FUER PFLANZENKRANKHEITEN UND PFLANZENSCHUTZ	PLANT SCI	DEU	0.208	0.238	5	9	14
258	ANNALS OF TROPICAL PAEDIATRICS	PEDIAT //TROP MED	UKD	0.189	0.212	4	9	13
259	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	MICROBIOL //BIOTECH	USA	3.175	2.801	5	8	13
260	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	BIOTECH	USA	1.488	1.237	6	7	13
261	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES	VET SCI	KOR	0.000	0.000	6	7	13
262	BIOMEDICAL LETTERS	MED, RES	UKD	0.000	0.000	3	10	13
263	CANCER (PHILADELPHIA)	ONCOL	USA	2.429	2.271	3	10	13
264	EXPERIMENTAL AGRICULTURE	AGRICUL	UKD	0.518	0.378	8	5	13
265	FIELD CROPS RESEARCH	AGRICUL	NLD	0.642	0.654	6	7	13
266	HYDROBIOLOGIA	MARINE BIOL	NLD	0.592	0.615	2	11	13
267	INDIAN JOURNAL OF PLANT PATHOLOGY	PLANT SCI	IND	0.000	0.000	13	0	13
268	INDIAN PERFUMER	CHEM, APPL	IND	0.000	0.000	13	0	13

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269	INTERNATIONAL JOURNAL OF FOOD SCIENCE & TECHNOLOGY	FOOD SCI	UKD	0.603	0.479	6	7	13
270	INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION	FOOD SCI // NUTRI DIET	UKD	0.000	0.000	0	13	13
271	JOURNAL OF BASIC MICROBIOLOGY	MICROBIOL	DEU	0.402	0.327	4	9	13
272	JOURNAL OF DIARRHOEAL DISEASES RESEARCH	GASTRO	BGD	0.365	0.190	2	11	13
273	JOURNAL OF HORTICULTURAL SCIENCE	HORTICUL	UKD	0.548	0.459	3	10	13
274	JOURNAL OF MOLECULAR BIOLOGY	BIOCHEM	USA	6.018	5.253	5	8	13
275	JOURNAL OF ORGANIC CHEMISTRY	CHEM, ORG	USA	3.193	3.029	2	11	13
276	JOURNAL OF TROPICAL FOREST SCIENCE	FORESTRY	MYS	0.000	0.000	2	11	13
277	JOURNAL OF UROLOGY	UROL NEPH	USA	2.539	1.910	3	10	13
278	KEW BULLETIN	PLANT SCI	UKD	0.000	0.000	3	10	13
279	MYCOSES	DERMATOL //MYCOLOGY	DEU	0.445	0.331	4	9	13
280	NUCLEOSIDES & NUCLEOTIDES	BIOCHEM	USA	1.413	0.721	7	6	13
281	PAKISTAN JOURNAL OF NEMATODOLOGY	ZOOLOGY	PAK	0.000	0.000	6	7	13
282	PLANT PHYSIOLOGY AND BIOCHEMISTRY (PARIS)	PLANT SCI	FRA	0.967	0.920	4	9	13
283	PHYSIOLOGIA PLANTARUM	PLANT SCI	DEN	1.507	1.720	4	9	13
284	VETERINARY PARASITOLOGY	PARASITOL //VET SCI	NLD	0.864	0.585	7	6	13
285	ANIMAL FEED SCIENCE AND TECHNOLOGY	AGRI, DAIRY	NLD	0.669	0.538	3	9	12
286	ARZNEIMITTEL-FORSCHUNG	PHARMACOL //CHEMISTRY	DEU	0.537	0.486	2	10	12
287	BIOLOGICAL TRACE ELEMENT RESEARCH	BIOCHEM	USA	0.799	0.769	5	7	12
288	BIOPOLYMERS	BIOCHEM	USA	2.313	2.221	5	7	12
289	BRAIN RESEARCH	NEUROSCI	NLD	2.869	2.865	2	10	12
290	BULLETIN POSTGRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH CHANDIGARH	MED, GEN	IND	0.000	0.000	12	0	12
291	CARYOLOGIA	GENETICS	ITA	0.141	0.274	9	3	12
292	CEREAL RESEARCH COMMUNICATIONS	AGRICUL	HUN	0.102	0.288	5	7	12
293	CLINICAL AND EXPERIMENTAL IMMUNOLOGY	IMMUNOL	UKD	2.912	2.475	4	8	12
294	FOREST ECOLOGY AND MANAGEMENT	FORESTRY	NLD	0.583	0.584	5	7	12
295	FUNDAMENTAL AND APPLIED NEMATODOLOGY	ZOOLOGY	FRA	0.000	0.000	5	7	12
296	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY	BIOPHYS //METEOROL //PHYSIOL	NLD	0.250	0.267	5	7	12
297	INTERNATIONAL JOURNAL OF CLINICAL PHARMACOLOGY THERAPY AND TOXICOLOGY	PHARMACOL	DEU	0.000	0.756	6	6	12

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298	JOURNAL OF ETHNOPHARMACOLOGY	PHARMACOL //PLANT SCI	CHE	0.500	0.272	6	6	12
299	JOURNAL OF GENETICS	GENETICS	IND	0.389	0.519	12	0	12
300	JOURNAL OF THE CHEMICAL SOCIETY PERKIN TRANSACTIONS I	CHEM, ORG	UKD	1.727	1.490	10	2	12
301	KOREAN JOURNAL OF GENETICS	GENETICS	KOR	0.000	0.000	4	8	12
302	ACTA NEUROLOGICA SCANDINAVICA	NEUROSCI	DEN	1.133	1.122	5	6	11
303	ACTA ONCOLOGICA (STOCKHOLM)	ONCOL	SWE	1.060	0.613	3	8	11
304	ACTA VETERINARIA HUNGARICA	VET SCI	HUN	0.096	0.111	7	4	11
305	AMERICAN JOURNAL OF GASTROENTEROLOGY	GASTRO	USA	1.856	1.528	6	5	11
306	ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS	BIOCHEM //BIOPHYS	USA	2.824	2.435	6	5	11
307	BEITRAEGE ZUR BIOLOGIE DER PFLANZEN	PLANT SCI	DEU	0.000	0.000	6	5	11
308	BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY	BIOCHEM //BIOTECH	USA	1.133	1.082	5	6	11
309	ENVIRONMENTAL TECHNOLOGY	ENV SCI	UKD	0.581	0.606	4	7	11
310	IMMUNOLOGY LETTERS	IMMUNOL	NLD	1.223	1.559	5	6	11
311	INTERNATIONAL JOURNAL OF DERMATOLOGY	DERMATOL	USA	0.578	0.523	0	11	11
312	INTERNATIONAL JOURNAL OF EXPERIMENTAL PATHOLOGY	PATHOL	UKD	0.887	0.748	3	8	11
313	INTERNATIONAL JOURNAL OF IMMUNOPHARMACOLOGY	IMMUNOL //PHARMACOL	UKD	1.170	1.093	7	4	11
314	INTERNATIONAL JOURNAL OF PHARMACEUTICS (AMSTERDAM)	PHARMACOL	NLD	1.050	0.870	3	8	11
315	JOURNAL OF APPLIED TOXICOLOGY	TOXICOL	UKD	0.822	0.748	0	11	11
316	JOURNAL OF BACTERIOLOGY	MICROBIOL	USA	4.013	3.702	4	7	11
317	JOURNAL OF FISH BIOLOGY	MARINE BIOL	UKD	0.820	0.867	6	5	11
318	JOURNAL OF GENERAL MICROBIOLOGY	MICROBIOL	UKD	2.237	2.034	3	8	11
319	JOURNAL OF LIQUID CHROMATOGRAPHY	CHEM, ANAL	USA	1.432	1.214	9	2	11
320	JOURNAL OF MEDICAL VIROLOGY	VIROLOGY	USA	2.246	2.273	5	6	11
321	NATURALIA	BIOLOGY	BRA	0.000	0.000	3	8	11
322	PHARMACOLOGY & TOXICOLOGY	PHARMACOL	DEN	1.078	0.992	5	6	11
323	PHYSIOLOGY & BEHAVIOR	BEHAV SCI //PHYSIOL	USA	1.110	1.260	5	6	11
324	POSTGRADUATE MEDICAL JOURNAL	MED, GEN	UKD	0.448	0.325	1	10	11
325	ACTA ANATOMICA	ANATOMY	CHE	0.640	0.525	7	3	10
326	ACTA MICROBIOLOGICA HUNGARICA	MICROBIOL	HUN	0.000	0.195	4	6	10
327	ACTA NEUROCHIRURGICA	SURGERY //NEUROSCI	AUT	0.748	0.822	5	5	10
328	ACTA PSYCHIATRICA SCANDINAVICA	PSYCHIAT	DEN	1.495	1.300	2	8	10
329	ACTA VIROLOGICA (PRAGUE)	VIROLOGY	CSK	0.035	0.275	2	8	10
330	AGRICULTURE ECOSYSTEMS & ENVIRONMENT	AGRICUL //ENV SCI	NLD	0.738	0.304	2	8	10

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
331	ANNALS ACADEMY OF MEDICINE SINGAPORE	MED, GEN	SGP	0.000	0.000	0	10	10
332	ANTI-CANCER DRUGS	ONCOL // PHARMACOL	UKD	1.258	0.000	5	5	10
333	ARCHIVES INTERNATIONALES DE PHYSIOLOGIE DE BIOCHIMIE ET DE BIOPHYSIQUE	PHYSIOL //BIOCHEM//BIOPHYS	BEL	0.467	0.487	7	3	10
334	BANGLADESH JOURNAL OF BOTANY	PLANT SCI	BGD	0.010	0.011	6	4	10
335	BIOTECHNIC & HISTOCHEMISTRY	CELL BIOL //BIOTECH	USA	0.552	0.230	3	7	10
336	CARBOHYDRATE RESEARCH	CHEM, ORG	NLD	1.569	1.506	2	8	10
337	ENTOMOPHAGA	ENTOMOL	CHE	0.248	0.353	7	3	10
338	FRESENIUS' JOURNAL OF ANALYTICAL CHEMISTRY	CHEM, ANAL	DEU	0.975	1.213	2	8	10
339	HEALTH PHYSICS	RADIOL	USA	0.906	0.629	3	7	10
340	IMMUNOLOGY & INFECTIOUS DISEASES (OXFORD)	IMMUNOL //INFECT DIS	UKD	0.000	0.000	1	9	10
341	INTERNATIONAL JOURNAL OF PEST MANAGEMENT	AGRICUL //ENTOMOL	UKD	0.023	0.000	0	10	10
342	INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS	ONCOL //RADIOL	USA	2.321	2.118	3	7	10
343	JOURNAL OF APPLIED BACTERIOLOGY	MICROBIOL //BIOTECH	UKD	1.599	1.497	3	7	10
344	JOURNAL OF APPLIED ENTOMOLOGY	ENTOMOL	DEU	0.325	0.297	5	5	10
345	JOURNAL OF CLINICAL MICROBIOLOGY	MICROBIOL	USA	3.474	3.234	5	5	10
346	JOURNAL OF EXPERIMENTAL ZOOLOGY	ZOOLOGY	USA	1.246	1.263	4	6	10
347	LIFE SCIENCES	BIOLOGY //MED, RES //PHARMACOL	UKD	2.500	2.053	3	7	10
348	MATERIA MEDICA POLONA	PHARMACOL	POL	0.000	0.000	2	8	10
349	METHODS AND FINDINGS IN EXPERIMENTAL AND CLINICAL PHARMACOLOGY	PHARMACOL	ESP	0.484	0.467	4	6	10
350	NEUROCHEMISTRY INTERNATIONAL	BIOCHEM //NEUROSCI	UKD	1.434	1.855	2	8	10
351	PHYSIOLOGICAL CHEMISTRY AND PHYSICS AND MEDICAL NMR	BIOPHYS //BIOCHEM //RADIOL	USA	0.295	0.472	5	5	10
352	PLANT DISEASE	PLANT SCI	USA	0.676	0.731	5	5	10
353	PSYCHOPATHOLOGY	PSYCHIAT	CHE	0.446	0.433	2	8	10
354	RESEARCH BULLETIN OF THE PANJAB UNIVERSITY SCIENCE	MULTIDIS SCI	IND	0.000	0.000	0	10	10
355	SOIL & TILLAGE RESEARCH	AGRI, SOIL	NLD	0.792	0.562	4	6	10
356	TUBERCLE AND LUNG DISEASE	CARDIOVASC	UKD	1.705	1.078	3	7	10
357	ZEITSCHRIFT FUER ANGEWANDTE ZOOLOGIE	ZOOLOGY	DEU	0.000	0.000	4	6	10
358	ZOOLOGISCHER ANZEIGER	ZOOLOGY	DEU	0.247	0.276	6	4	10
359	ACTA CRYSTALLOGRAPHICA SECTION C CRYSTAL STRUCTURE COMMUNICATIONS	CRYSTAL	DEN	0.458	0.479	9	0	9

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						1992	93-94	Total
360	ACTA TROPICA	TROP MED //PARASITOL	CHE	1.431	1.022	2	7	9
361	BIOELECTROCHEMISTRY AND BIOENERGETICS	BIOCHEM	CHE	0.940	1.227	5	4	9
362	BIOMEDICAL RESEARCH (ALIGARH)	MED, RES	IND	0.532	0.559	2	7	9
363	BIOPHYSICAL CHEMISTRY	BIOPHYS //BIOCHEM //CHEM, PHYS	NLD	1.157	1.314	2	7	9
364	BIOTECHNOLOGY AND BIOENGINEERING	BIOTECH	USA	2.474	1.979	5	4	9
365	BOTANICA MARINA	MARINE BIOL	DEU	0.688	0.650	5	4	9
366	CANADIAN JOURNAL OF MICROBIOLOGY	MICROBIOL //IMMUNOL //BIOCHEM	CAN	1.290	1.006	5	4	9
367	CEREAL CHEMISTRY	FOOD SCI //CHEM, APPL	USA	0.810	1.121	6	3	9
368	CHEMIE MIKROBIOLOGIE TECHNOLOGIE DER LEBENSMITTEL	MICROBIOL	DEU	0.000	0.000	2	7	9
369	CHEMOSPHERE	ENV SCI	UKD	1.086	1.211	2	7	9
370	CROP PROTECTION	AGRICUL	UKD	0.441	0.379	2	7	9
371	ENVIRONMENTAL MONITORING AND ASSESSMENT	ENV SCI	NLD	0.366	0.325	3	6	9
372	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	CHEM, CLIN	FRA	0.775	0.624	1	8	9
373	GRANA	PLANT SCI	CHE	0.255	0.153	4	5	9
374	HELMINTHOLOGIA (BRATISLAVA)	ZOOLOGY	SLO	0.000	0.000	4	5	9
375	IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY	PHARMACOL //IMMUNOL//TOXI COL	USA	0.653	0.418	3	6	9
376	INTERNATIONAL JOURNAL FOR VITAMIN AND NUTRITION RESEARCH	NUTRI DIET	CHE	0.418	0.453	3	6	9
377	INTERNATIONAL JOURNAL OF ANDROLOGY	ANDROLOGY	DEN	1.424	1.088	6	3	9
378	JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY	GASTRO	AUS	0.964	1.261	6	3	9
379	JOURNAL OF NUTRITIONAL BIOCHEMISTRY	BIOCHEM	USA	1.015	1.360	1	8	9
380	JOURNAL OF THEORETICAL BIOLOGY	BIOL, MISC	USA	1.124	1.174	1	8	9
381	MEDICAL HYPOTHESES	MED, RES	UKD	0.500	0.442	4	5	9
382	NEPHROLOGY DIALYSIS TRANSPLANTATION	UROL NEPH //TRANSPLANTATI ON	UKD	1.638	1.181	0	9	9
383	OIKOASSAY	ECOLOGY	IND	0.000	0.000	9	0	9
384	PHOTOCHEMISTRY AND PHOTOBIOLOGY	BIOPHYS //BIOCHEM	UKD	2.198	2.291	7	2	9
385	PLANT GROWTH REGULATION	PLANT SCI	NLD	0.913	0.621	2	7	9
386	SCIENTIA HORTICULTURAE (AMSTERDAM)	HORTICUL	NLD	0.458	0.323	8	1	9
387	SOIL SCIENCE	AGRI, SOIL	USA	0.887	0.645	2	7	9
388	VEGETATIO	ECOLOGY //PLANT SCI //FORESTRY	NLD	1.049	0.326	5	4	9

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389	WASTE MANAGEMENT	ENV SCI //ENG, ENV	USA	0.000	0.258	2	7	9
390	ACTA BIOTECHNOLOGICA	BIOTECH	DEU	0.321	0.224	4	4	8
391	ACTA PARASITOLOGICA	PARASITOL	POL	0.000	0.000	0	8	8
392	ANALYTICAL BIOCHEMISTRY	BIOCHEM	USA	2.313	2.139	3	5	8
393	ANDROLOGIA	ANDROLOGY	DEU	0.693	0.259	1	7	8
394	ANNALS OF HUMAN BIOLOGY	BIOLOGY//PUB HEALTH	UKD	0.747	0.641	3	5	8
395	ARCHIVES INTERNATIONALES DE PHARMACODYNAMIE ET DE THERAPIE	CHEMISTRY //PHARMACOL	BEL	0.787	1.010	1	7	8
396	ATMOSPHERIC ENVIRONMENT PART A GENERAL TOPICS	ENV SCI //METEOROL	UKD	1.310	1.358	5	3	8
397	AUSTRALIAN JOURNAL OF DAIRY TECHNOLOGY	AGRI, DAIRY //FOOD SCI	AUS	0.333	0.185	6	2	8
398	BIOGENIC AMINES	BIOCHEM	NLD	0.566	0.759	4	4	8
399	BIOLOGICAL AGRICULTURE & HORTICULTURE	HORTICUL //AGRICUL	UKD	0.150	0.205	4	4	8
400	BIOMATERIALS ARTIFICIAL CELLS AND IMMOBILIZATION BIOTECHNOLOGY	ENG, BIOM //MATER SCI	USA	0.982	0.387	4	4	8
401	BIOSYSTEMS	BIOLOGY	NLD	1.374	0.581	2	6	8
402	BRITISH JOURNAL OF NUTRITION	NUTRI DIET	UKD	1.199	1.540	4	4	8
403	BRITISH JOURNAL OF PLASTIC SURGERY	SURGERY	UKD	0.558	0.586	8	0	8
404	BULLETIN OF ENTOMOLOGICAL RESEARCH	ENTOMOL	UKD	0.709	0.619	2	6	8
405	CLINICAL HEMORHEOLOGY	HEMATOL	UKD	0.701	0.381	3	5	8
406	COMPARATIVE IMMUNOLOGY MICROBIOLOGY AND INFECTIOUS DISEASES	IMMUNOL //VET SCI //MICROBIOL	UKD	0.557	0.627	1	7	8
407	DRUG INVESTIGATION	PHARMACOL	NZL	0.564	0.000	2	6	8
408	ENERGY CONVERSION AND MANAGEMENT	ENERGY //MECHANICS //THERMODYNAMIC	UKD	0.290	0.011	6	2	8
409	ENVIRONMENT INTERNATIONAL	ENV SCI	USA	0.350	0.345	6	2	8
410	ENVIRONMENTAL RESEARCH	PUB HEALTH //ENV SCI	USA	0.952	1.257	4	4	8
411	EUROPEAN JOURNAL OF CLINICAL NUTRITION	NUTRI DIET	UKD	1.121	0.895	2	6	8
412	INFECTION AND IMMUNITY	IMMUNOL //INFECT DIS	USA	3.773	3.427	2	6	8
413	INTERNATIONAL JOURNAL OF CANCER	ONCOL	CHE	3.276	2.917	5	3	8
414	JOURNAL OF CHROMATOGRAPHY BIOMEDICAL APPLICATIONS	CHEM, ANAL	NLD	1.209	1.058	3	5	8
415	JOURNAL OF DERMATOLOGY	DERMATOL	JPN	0.000	0.000	2	6	8
416	JOURNAL OF IMMUNOASSAY	IMMUNOL	USA	0.549	0.817	5	3	8
417	JOURNAL OF INTERDISCIPLINARY CYCLE RESEARCH	MED, RES //MULTIDIS SCI	NLD	0.219	0.829	4	4	8
418	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B BIOLOGY	BIOPHYS// BIOCHEM	CHE	1.784	1.791	3	5	8

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419	JOURNAL OF PHYTOPATHOLOGY (BERLIN)	PLANT SCI	DEU	0.348	0.484	5	3	8
420	JOURNAL OF THE AMERICAN MOSQUITO CONTROL ASSOCIATION	ENTOMOL	USA	0.500	0.435	2	6	8
421	NEMATOLOGICA	ZOOLOGY	NLD	0.370	0.402	2	6	8
422	NORDIC JOURNAL OF BOTANY	PLANT SCI	DEN	0.457	0.336	4	4	8
423	NUCLEAR MEDICINE AND BIOLOGY	RADIOL	UKD	1.132	0.863	1	7	8
424	PAKISTAN JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	MULTIDIS SCI	PAK	0.000	0.000	3	5	8
425	PHARMACOLOGICAL RESEARCH	PHARMACOL	UKD	0.315	0.702	1	7	8
426	PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR	PHARMACOL	UKD	1.450	1.675	4	4	8
427	PLANT SYSTEMATICS AND EVOLUTION	PLANT SCI	AUT	0.922	0.823	5	3	8
428	REICHENBACHIA	ENTOMOL	DEU	0.000	0.000	5	3	8
429	STEROIDS	BIOCHEM	USA	1.065	1.497	3	5	8
430	TROPICAL ANIMAL HEALTH AND PRODUCTION	VET SCI	UKD	0.193	0.143	1	7	8
431	VETERINARY RESEARCH COMMUNICATIONS	VET SCI	NLD	0.592	0.414	1	7	8
432	ACTA ENDOCRINOLOGICA	ENDOCR	DEN	1.428	1.346	5	2	7
433	ACTA PHYSIOLOGIAE PLANTARUM	PLANT SCI	POL	0.058	0.014	3	4	7
434	ACTA PROTOZOOLOGICA	ZOOLOGY	POL	0.435	0.260	1	6	7
435	AMERICAN JOURNAL OF CARDIOLOGY	CARDIOVASC	USA	2.253	2.503	2	5	7
436	AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE	PUB HEALTH //TROP MED	USA	1.788	1.900	3	4	7
437	ANNALS OF NUTRITION & METABOLISM	NUTRI DIET //ENDOCR	CHE	0.482	0.724	1	6	7
438	APIDOLOGIE	AGRICUL	FRA	0.649	0.460	2	5	7
439	APMIS (ACTA PATHOLOGICA MICROBIOLOGICA ET IMMUNOLOGICA SCANDINAVICA)	PATHOL //MICROBIOL //IMMUNOL	DEN	0.917	0.868	2	5	7
440	ARCHIV FUER HYDROBIOLOGIE	MARINE BIOL	DEU	0.818	0.637	1	6	7
441	ATMOSPHERIC ENVIRONMENT PART B URBAN ATMOSPHERE	METEOR , ATMOS SCI	UKD	0.611	0.692	3	4	7
442	AUSTRALASIAN RADIOLOGY	RADIOL	AUS	0.000	0.000	7	0	7
443	BIOLOGICAL STRUCTURES AND MORPHOGENESIS	ANATOMY	FRA	0.000	0.000	1	6	7
444	CANADIAN JOURNAL OF BOTANY	PLANT SCI	CAN	0.788	0.876	1	6	7
445	CELL AND CHROMOSOME RESEARCH	CELL BIOL //GENETICS	IND	0.000	0.000	0	7	7
446	CELL BIOLOGY INTERNATIONAL	CELL BIOL	UKD	1.042	0.000	0	7	7
447	CHEMICAL ENGINEERING JOURNAL	ENG, CHEM	CHE	0.000	0.000	2	5	7
448	CRYPTOGAMIE MYCOLOGIE	MYCOLOGY	FRA	0.117	0.244	3	4	7
449	CURRENT THERAPEUTIC RESEARCH	PHARMACOL //MED, RES	USA	0.436	0.294	2	5	7
450	DIABETES RESEARCH AND CLINICAL PRACTICE	GASTRO //ENDOCRINOL	NLD	0.574	0.441	2	5	7

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451	ECONOMIC BOTANY	PLANT SCI	USA	0.313	0.472	3	4	7
452	FLAVOUR AND FRAGRANCE JOURNAL	FOOD SCI	UKD	0.000	0.000	5	2	7
453	GUT	GASTRO	UKD	2.950	2.991	3	4	7
454	HYDROLOGICAL SCIENCES JOURNAL	WATER RES	UKD	0.465	0.236	6	1	7
455	INTERNATIONAL BIODETERIORATION & BIODEGRADATION	ENV SCI //BIOL, MISC	UKD	0.175	0.224	2	5	7
456	INTERNATIONAL PEST CONTROL	AGRICUL	UKD	0.000	0.000	2	5	7
457	JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY	MICROBIOL // PHARMACOL	UKD	2.228	2.313	1	6	7
458	JOURNAL OF APICULTURAL RESEARCH	ENTOMOL	UKD	0.373	0.150	2	5	7
459	JOURNAL OF BIOTECHNOLOGY	BIOTECH	NLD	1.408	1.511	2	5	7
460	JOURNAL OF CHEMICAL ECOLOGY	ECOLOGY	USA	1.048	1.350	3	4	7
461	JOURNAL OF CONTROLLED RELEASE	//BIOCHEM PHARMACOL //CHEMISTRY	NLD	1.526	1.939	2	5	7
462	JOURNAL OF ENVIRONMENTAL MANAGEMENT	ENV SCI	USA	0.354	0.362	2	5	7
463	JOURNAL OF HELMINTHOLOGY	ZOOLOGY //PARASITOL	UKD	0.423	0.337	2	5	7
464	JOURNAL OF IMMUNOLOGICAL METHODS	IMMUNOL	NLD	2.029	1.790	4	3	7
465	JOURNAL OF PARASITOLOGY	PARASITOL	USA	1.031	0.781	5	2	7
466	JOURNAL OF PHARMACEUTICAL SCIENCES	CHEMISTRY //PHARMACOL	USA	1.310	1.221	4	3	7
467	PLANT PHYSIOLOGY (ROCKVILLE)	PLANT SCI	USA	3.542	2.925	5	2	7
467	MECHANISMS OF AGEING AND DEVELOPMENT	GERIATRICS	CHE	1.124	1.571	2	5	7
468	MEDICAL AND VETERINARY ENTOMOLOGY	ENTOMOL	UKD	0.773	0.728	1	6	7
469	MICROCHEMICAL JOURNAL	CHEM, ANAL	USA	0.638	0.548	6	1	7
470	NEPHRON	UROL NEPH	CHE	1.441	1.418	0	7	7
471	NEUROREPORT	NEUROSCI	UKD	3.079	0.000	3	4	7
472	PARAPLEGIA	NEUROSCI //SURGERY //ORTHOPEDE	UKD	0.390	0.487	1	6	7
473	PHARMAZIE	PHARMACOL //CHEMISTRY	DEU	0.334	0.309	1	6	7
474	RESEARCH IN VETERINARY SCIENCE	VET SCI	UKD	0.727	0.658	3	4	7
475	SCANDINAVIAN JOURNAL OF GASTROENTEROLOGY	GASTRO	NOR	1.484	0.993	1	6	7
476	SILVAE GENETICA	PLANT SCI //FORESTRY	DEU	0.473	0.460	1	6	7
477	TOXICOLOGY	TOXICOL //PHARMACOL	NLD	1.274	1.182	2	5	7
478	TRACE ELEMENTS IN MEDICINE	MED, GEN	DEU	0.000	0.781	4	3	7
479	ZENTRALBLATT FUER BAKTERIOLOGIE	MICROBIOL // VIROLOGY	DEU	0.000	0.000	5	2	7
480	ACTA PHYSIOLOGICA HUNGARICA	PHYSIOL	HUN	0.000	0.228	2	4	6
481	ACTA VETERINARIA BRNO	VET SCI	PRC	0.076	0.052	3	3	6

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482	AMERICAN JOURNAL OF HUMAN BIOLOGY	ANTHROPOL //BIOLOGY	USA	0.957	0.545	2	4	6
483	ANIMAL REPRODUCTION SCIENCE	REPROD SYS //VET SCI	NLD	0.855	0.701	3	3	6
484	APPLIED RADIATION AND ISOTOPES	NUCL SCI //RADIOL	USA	0.534	0.619	6	0	6
485	AQUACULTURE AND FISHERIES MANAGEMENT	AGRICUL//FISHERIES	UKD	0.000	0.000	2	4	6
486	ARCHIVES OF ANDROLOGY	ANDROLOGY	USA	0.500	0.504	3	3	6
487	BOTANICAL BULLETIN OF ACADEMIA SINICA (TAIPEI)	PLANT SCI	TWN	0.262	0.351	3	3	6
488	BOTANICAL JOURNAL OF THE LINNEAN SOCIETY	PLANT SCI	UKD	0.428	0.626	3	3	6
489	CANCER GENETICS AND CYTOGENETICS	ONCOL //GENETICS	USA	1.922	2.126	2	4	6
490	COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS	AGRI, SOIL //PLANT SCI //CHEM, ANAL	USA	0.394	0.485	1	5	6
491	CROP SCIENCE	AGRICUL	USA	0.648	0.630	4	2	6
492	ENVIRONMENTAL AND EXPERIMENTAL BOTANY	ENV SCI //PLANT SCI	UKD	0.907	0.855	4	2	6
493	ENVIRONMENTAL AND MOLECULAR MUTAGENESIS	ENV SCI //GENETICS	USA	2.847	2.303	3	3	6
494	ENVIRONMENTAL GEOLOGY	WATER RES //ENV SCI //GEOSCI	DEU	0.325	0.000	0	6	6
495	EUROPEAN JOURNAL OF FOREST PATHOLOGY	FORESTRY	DEU	0.400	0.267	3	3	6
496	EVOLUCION BIOLOGICA	BIOLOGY	COL	0.000	0.000	3	3	6
497	FORENSIC SCIENCE INTERNATIONAL	MED, LEG	IRE	0.492	0.527	4	2	6
498	GENOME	GENETICS	CAN	1.623	1.537	4	2	6
499	HEAD & NECK	SURGERY	USA	0.855	0.778	2	4	6
500	HEPATOLOGY	GASTRO	USA	5.569	4.073	3	3	6
501	HUMAN HEREDITY	GENETICS	CHE	1.172	0.737	3	3	6
502	IMMUNOLOGY AND CELL BIOLOGY	CELL BIOL //IMMUNOL	AUS	1.195	0.903	4	2	6
503	INDIAN JOURNAL OF CHEST DISEASES & ALLIED SCIENCES	RESP SYS	IND	0.000	0.000	6	0	6
504	INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY	ALLERGY //IMMUNOL	CHE	1.242	0.886	0	6	6
505	INTERNATIONAL JOURNAL OF BIO-MEDICAL COMPUTING	ENG, BIOM //COMPUTER SCI	UKD	0.576	0.740	3	3	6
506	INTERNATIONAL JOURNAL OF RADIATION BIOLOGY	RADIOL //NUCL SCI	UKD	2.761	1.713	1	5	6
507	INVERTEBRATE REPRODUCTION AND DEVELOPMENT	REPROD SYS //ZOOLOGY	NLD	0.421	0.899	5	1	6
508	JCU (JOURNAL OF CLINICAL ULTRASOUND)	RADIOL //ACOUSTICS	USA	0.430	0.683	3	3	6
509	JOURNAL OF AFFECTIVE DISORDERS	PSYCHIAT //CLIN NEUROL	NLD	1.745	1.760	2	4	6
510	JOURNAL OF ANATOMY	ANATOMY	UKD	0.873	0.926	5	1	6
511	JOURNAL OF AOAC (ASSOC. OF OFF ANALYTICAL CHEMISTS) INTERNATIONAL	CHEM, ANAL	USA	0.000	0.000	0	6	6
512	JOURNAL OF BIOCHEMICAL TOXICOLOGY	BIOCHEM	USA	1.407	0.803	3	3	6

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
513	JOURNAL OF CARBOHYDRATE CHEMISTRY	CHEM, ORG //BIOCHEM	USA	1.393	1.348	3	3	6
514	JOURNAL OF CATARACT AND REFRACTIVE SURGERY	SURGERY //OPHTHALMOL	USA	0.520	0.833	3	3	6
515	JOURNAL OF COASTAL RESEARCH	ENV SCI //MARINE BIOL //GEOSCI	USA	0.588	0.418	2	4	6
516	JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY	PATHOL //TOXCOL //ONCOL	USA	0.000	0.000	4	2	6
517	JOURNAL OF HOSPITAL INFECTION	INFECT DIS	UKD	1.178	0.909	3	3	6
518	JOURNAL OF MEDICAL AND VETERINARY MYCOLOGY	MYCOLOGY	UKD	1.298	0.869	3	3	6
519	JOURNAL OF MORPHOLOGY	ANATOMY	USA	0.737	0.685	3	3	6
520	JOURNAL OF VEGETATION SCIENCE	PLANT SCI //ECOLOGY //FORESTRY	SWE	0.739	0.611	3	3	6
521	JOURNAL OF VETERINARY MEDICINE SERIES A	VET SCI	DEU	0.416	0.317	4	2	6
522	LANCET (NORTH AMERICAN EDITION)	MED, GEN	UKD	17.330	15.940	2	4	6
523	LIPIDS	BIOCHEM	USA	1.530	1.554	4	2	6
524	MEAT SCIENCE	FOOD SCI	UKD	0.773	0.732	3	3	6
525	MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING	ENG, BIOM //COMPUTER SCI	UKD	0.599	0.750	2	4	6
526	MICROBIOS	MICROBIOL	UKD	0.318	0.176	1	5	6
527	MOLECULAR AND BIOCHEMICAL PARASITOLOGY	PARASITOL //BIOLOGY	NLD	3.063	3.069	2	4	6
528	MUTAGENESIS	GENETICS	UKD	2.381	1.965	3	3	6
529	NUCLEIC ACIDS RESEARCH	BIOCHEM	UKD	4.097	3.294	3	3	6
530	ODONATOLOGICA	DENTISTRY	NLD	0.000	0.000	4	2	6
531	PARASITOLOGY	PARASITOL	UKD	1.836	1.849	2	4	6
532	PHYTOPARASITICA	PLANT SCI	ISR	0.438	0.545	2	4	6
533	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	MULTIDIS SCI	USA	10.480	10.667	3	3	6
534	PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS	ENDOCR //BIOCHEM	UKD	0.965	1.075	3	3	6
535	REPRODUCTIVE TOXICOLOGY	REPROD SYS //TOXICOL	USA	0.908	0.859	3	3	6
536	SINGAPORE JOURNAL OF OBSTETRICS AND GYNAECOLOGY	OBST GYNE	SGP	0.000	0.000	2	4	6
537	TAXON	PLANT SCI	NLD	0.422	0.530	5	1	6
538	THORAX	RESP SYS	UKD	2.120	2.412	2	4	6
539	TOXICOLOGY LETTERS (AMSTERDAM)	TOXICOL	NLD	1.112	0.774	2	4	6
540	VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY	IMMUNOL //VET SCI	NLD	1.201	1.074	3	3	6
541	VETERINARY MICROBIOLOGY	VET SCI //MICROBIOL	NLD	0.979	1.186	3	3	6
542	WATER AIR AND SOIL POLLUTION	WATER RES //ENV SCI	NLD	0.841	0.611	1	5	6
543	ZOOLOGICAL SCIENCE (TOKYO)	ZOOLOGY	JPN	0.810	0.724	3	3	6

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544	ACTA PAEDIATRICA	PEDIAT	SWE	0.852	0.827	1	4	5
545	ANALYTICA CHIMICA ACTA	CHEM, ANAL	NLD	1.696	2.033	1	4	5
546	ANTIMICROBIAL AGENTS AND CHEMOTHERAPY	MICROBIOL //PHARMACOL	USA	3.180	2.950	1	4	5
547	AQUATIC INSECTS	ENTOMOL	NLD	0.121	0.089	4	1	5
548	ARCHIVES OF ENVIRONMENTAL HEALTH	PUB HEALTH //ENV SCI	USA	1.831	1.273	2	3	5
549	ARCHIVES OF GERONTOLOGY AND GERIATRICS	GERIATRICS	NLD	0.779	0.550	2	3	5
550	ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY	ALLERGY // IMMUNOL	THA	0.128	0.156	1	4	5
551	BIOMATERIALS	ENG, BIOM //MATER SCI	UKD	1.576	1.280	2	3	5
552	BRAIN RESEARCH BULLETIN	NEUROSCI	UKD	1.811	1.692	4	1	5
553	BRITISH JOURNAL OF PSYCHIATRY	PSYCHIAT	UKD	2.860	2.309	3	2	5
554	BRITISH POULTRY SCIENCE	AGRI, DAIRY	UKD	0.678	0.710	1	4	5
555	BULLETIN OF THE INSTITUTE OF ZOOLOGY ACADEMIA SINICA (TAIPEI)	ZOOLOGY	TWN	0.125	0.329	2	3	5
556	CANDOLLEA	DERMATOL	CHE	0.000	0.000	2	3	5
557	CARBOHYDRATE POLYMERS	CHEM, ORG //POLYMER	UKD	1.381	1.377	1	4	5
558	COMPUTERS IN BIOLOGY AND MEDICINE	ENG, BIOM //COMPUTER SCI	USA	0.705	0.647	2	3	5
559	ECOLOGICAL MODELLING	ECOLOGY	NLD	0.683	0.364	2	3	5
560	ENVIRONMENTAL ENTOMOLOGY	AGRICUL //ENTOMOL	USA	0.882	0.668	1	4	5
561	EPIDEMIOLOGY AND INFECTION	INFECT DIS	UKD	1.429	1.465	4	1	5
562	EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY	PHARMACOL	DEU	1.038	1.204	2	3	5
563	EUROPEAN JOURNAL OF PHARMACOLOGY	PHARMACOL //TOXICOL	NLD	2.677	3.370	3	2	5
564	EXPERIMENTAL PARASITOLOGY	PARASITOL	USA	1.798	1.834	4	1	5
565	FOLIA PARASITOLOGICA (PRAGUE)	PARASITOL	CSK	0.447	0.118	2	3	5
566	GERONTOLOGY	GERIATRICS	CHE	1.101	1.074	3	2	5
567	GIORNALE ITALIANO DI ENTOMOLOGIA	ENTOMOL	ITA	0.000	0.000	2	3	5
568	HUMAN BIOLOGY	GENETICS // BIOLOGY	USA	1.000	0.866	1	4	5
569	IMMUNOLOGICAL INVESTIGATIONS	IMMUNOL	USA	0.968	1.033	2	3	5
570	IMMUNOLOGY	IMMUNOL	UKD	2.951	2.867	3	2	5
571	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	BIOCHEM	UKD	1.541	1.685	3	2	5
572	INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY	FOOD SCI //MICROBIOL	NLD	1.321	1.069	0	5	5
573	INTERNATIONAL TREE CROPS JOURNAL	AGRICUL// FORESTRY	UKD	0.000	0.000	5	0	5
574	JAPANESE JOURNAL OF MEDICAL SCIENCE AND BIOLOGY	MED, GEN	JPN	0.293	0.367	2	3	5
575	JOURNAL OF ANTIBIOTICS (TOKYO)	PHARMACOL //IMMUNOL //BIOTECH	JPN	1.195	1.297	4	1	5

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576	JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS	BIOCHEM //BIOPHYS //BIOMETHODS	NLD	1.106	0.921	2	3	5
577	JOURNAL OF BIOCHEMISTRY (TOKYO)	BIOCHEM	JPN	2.101	2.054	1	4	5
578	JOURNAL OF BONE AND JOINT SURGERY BRITISH VOLUME	ORTHOPEID //SURGERY	UKD	1.264	0.986	5	0	5
579	JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY	ONCOL	DEU	1.654	1.820	3	2	5
580	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	ENV SCI	UKD	0.505	0.436	2	3	5
581	JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTE	AGRICUL //ENV SCI //PUB HEALTH	USA	0.693	0.354	1	4	5
582	JOURNAL OF FOOD SCIENCE	FOOD SCI	USA	0.872	0.819	3	2	5
583	JOURNAL OF IMMUNOLOGY	IMMUNOL	USA	7.383	6.723	4	1	5
584	JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY	PSYCHIAT //NEUROSCI // CLIN NEUROL	UKD	2.534	2.696	3	2	5
585	JOURNAL OF NEUROSURGERY	NEUROSCI //SURGERY	USA	3.296	2.515	0	5	5
586	JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS	PHARMACOL	USA	3.323	3.569	1	4	5
587	JOURNAL OF PLANAR CHROMATOGRAPHY - MODERN TLC	CHEM, ANAL	DEU	0.000	0.000	2	3	5
588	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	CHEM, ANAL //NUCL SCI //CHEM, INOR	CHE	0.000	0.000	5	0	5
589	JOURNAL OF THE CHEMICAL SOCIETY FARADAY TRANSACTIONS	CHEM, PHYS //PHYS, ATOMIC	UKD	1.560	1.700	5	0	5
590	JOURNAL OF THE HATTORI BOTANICAL LABORATORY	PLANT SCI	JPN	0.000	0.000	2	3	5
591	JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH	TOXICOL //ENV SCI //PUB HEALTH	USA	1.015	1.153	3	2	5
592	JOURNAL OF TRACE ELEMENTS IN EXPERIMENTAL MEDICINE	BIOCHEM	USA	0.600	0.000	1	4	5
593	JOURNAL OF TRAUMA	CRITICAL CARE	USA	1.277	1.230	1	4	5
594	LEUKEMIA RESEARCH	ONCOL //HEMATOL	UKD	1.322	1.479	2	3	5
595	MICROBIOLOGY AND IMMUNOLOGY	MICROBIOL //IMMUNOL	JPN	1.164	0.836	3	2	5
596	MONATSHEFTE FUER CHEMIE	CHEMISTRY	AUT	0.618	0.471	2	3	5
597	NEUROCHEMICAL RESEARCH	BIOCHEM //NEUROSCI	USA	1.576	1.432	2	3	5
598	ONCOLOGY (BASEL)	ONCOL	CHE	1.398	1.312	2	3	5
599	PHYSICS IN MEDICINE AND BIOLOGY	RADIOL	UKD	1.386	1.117	1	4	5
600	PLANT AND CELL PHYSIOLOGY	PLANT SCI	JPN	1.957	1.458	2	3	5
601	RADIATION RESEARCH	RADIOL	USA	2.314	1.792	1	4	5
602	TOXICON	TOXICOL //PHARMCOL	UKD	1.397	1.444	2	3	5
603	TROPICAL DOCTOR	TROP MED	UKD	0.121	0.203	0	5	5

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						1992	93-94	Total
604	VETERINARSKI ARHIV	VET SCI	CRO	0.000	0.000	2	3	5
605	ACAROLOGIA (PARIS)	ENTOMOL	FRA	0.013	0.012	2	2	4
606	ACTA ENTOMOLOGICA BOHEMOSLOVACA	ENTOMOL	CSK	0.146	0.032	1	3	4
607	ACTA HYDROBIOLOGICA	BIOLOGY	POL	0.000	0.000	1	3	4
608	ACTA MICROBIOLOGICA POLONICA	MICROBIOL	POL	0.083	0.053	1	3	4
609	ACTA OECOLOGICA	ECOLOGY	FRA	0.543	0.542	2	2	4
610	ACTA PHARMACEUTICA ZAGREB	PHARMACOL	SUN	0.000	0.000	0	4	4
611	ACTA SOCIETATIS ZOOLOGICAE BOHEMOSLOVACAE	ZOOLOGY	CSK	0.000	0.000	3	1	4
612	APPLIED ORGANOMETALLIC CHEMISTRY	CHEM, APPL //CHEM, INOR	UKD	1.389	1.115	0	4	4
613	ARCHIV DER PHARMAZIE (WEINHEIM)	CHEMISTRY //PHARMACOL	DEU	0.539	0.000	2	2	4
614	ARCHIVES OF MICROBIOLOGY	MICROBIOL	DEU	2.126	1.995	1	3	4
615	ARCHIVOS ESPANOLES DE UROLOGIA	UROL NEPH	ESP	0.000	0.000	3	1	4
616	AURIS NASUS LARYNX	OTORHINOL	JPN	0.000	0.000	2	2	4
617	AUSTRALIAN JOURNAL OF PLANT PHYSIOLOGY	PLANT SCI	AUS	2.122	1.773	1	3	4
618	BIOLOGICAL CONSERVATION	ECOLOGY	UKD	0.745	0.847	0	4	4
619	BIOLOGICAL PSYCHIATRY	PSYCHIAT	USA	2.148	2.570	0	4	4
620	BIOMEDICAL CHROMATOGRAPHY	CHEM, ANAL //PHARMACOL/BIO CHEM	UKD	0.977	1.080	1	3	4
621	BIOTECHNIQUES	BIOMETHODS	USA	2.251	2.643	2	2	4
622	CANADIAN JOURNAL OF ANAESTHESIA	ANESTHES	CAN	1.433	1.227	0	4	4
623	CANADIAN JOURNAL OF ZOOLOGY	ZOOLOGY	CAN	0.736	0.764	3	1	4
624	CELL BIOLOGY INTERNATIONAL REPORTS	CELL BIOL	UKD	0.000	1.274	4	0	4
625	CELLULAR AND MOLECULAR BIOLOGY	CELL BIOL //BIOCHEM	UKD	0.914	0.705	4	0	4
626	CELLULAR IMMUNOLOGY	CELL BIOL //IMMUNOL	USA	2.065	2.127	1	3	4
627	CELLULAR SIGNALLING	BIOCHEM	UKD	2.090	1.788	0	4	4
628	CHEMICO-BIOLOGICAL INTERACTIONS	TOXICOL //BIOCHEM//BIOL OGY	IRE	1.490	2.230	4	0	4
629	CHEST	RESP SYS	USA	1.656	1.477	1	3	4
630	CHILD'S NERVOUS SYSTEM	NEUROSCI //PEDIAT	DEU	0.446	0.630	1	3	4
631	COMPUTER APPLICATIONS IN THE BIOSCIENCES	COMPUTER SCI //BIOL, MISC	UKD	2.583	1.964	1	3	4
632	CRUSTACEANA (LEIDEN)	ZOOLOGY //MARINE BIOL	NLD	0.328	0.239	0	4	4
633	DERMATOLOGY (BASEL)	DERMATOL	CHE	1.069	0.962	0	4	4
634	DESALINATION	WATER RES //ENG, CHEM	NLD	0.318	0.298	4	0	4
635	DEVELOPMENT GROWTH & DIFFERENTIATION	DEV BIOL	JPN	1.168	1.088	1	3	4
636	ELECTROANALYSIS	CHEM, ANAL	USA	1.589	1.350	1	3	4
637	EPILEPSIA	CLIN NEUROL	USA	2.394	2.707	1	3	4
638	EUROPEAN JOURNAL OF CANCER	ONCOL	UKD	0.789	2.191	1	3	4

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						1992	93-94	Total
639	FISHERIES RESEARCH (AMSTERDAM)	FISHERIES	NLD	0.156	0.261	2	2	4
640	FLORA (JENA)	PLANT SCI	DEU	0.193	0.368	1	3	4
641	FOOD BIOTECHNOLOGY (NEW YORK)	FOOD SCI //BIOTECH	USA	0.706	0.893	2	2	4
642	GASTROINTESTINAL RADIOLOGY	GASTRO //RADIOL	USA	0.976	0.601	4	0	4
643	GEODERMA	AGRI, SOIL	NLD	0.616	0.769	1	3	4
644	HERBA HUNGARICA	PLANT SCI //AGRICUL	HUN	0.000	0.000	4	0	4
645	HEREDITAS	GENETICS	SWE	0.774	0.616	2	2	4
646	HORMONE AND METABOLIC RESEARCH	ENDOCR	DEU	0.735	0.721	1	3	4
647	HORTSCIENCE	HORTICUL	USA	0.435	0.434	2	2	4
648	HUMAN REPRODUCTION (OXFORD)	REPROD SYS	UKD	2.130	1.328	0	5	5
649	HYBRIDOMA	IMMUNOL	USA	0.910	0.897	1	3	4
650	IAWA (INTERNATIONAL ASSOCIATION OF WOOD ANATOMISTS) BULLETIN	PLANT SCI //FORESTRY	NLD	0.000	0.328	3	1	4
651	IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY PLANT	DEV BIOL //CELL BIOL //PLANT SCI	USA	0.494	1.574	0	4	4
652	INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH	CHEM, APPL	IND	0.000	0.000	2	2	4
653	INFECTION	INFECT DIS	DEU	0.915	0.720	3	1	4
654	INJURY	SURGERY //CRITICAL CARE	UKD	0.128	0.254	0	4	4
655	INSECT BIOCHEMISTRY AND MOLECULAR BIOLOGY	ENTOMOL //BIOCHEM	UKD	1.694	1.683	0	4	4
656	INTERNATIONAL JOURNAL OF MYCOLOGY AND LICHENOLOGY	MYCOLOGY	DEU	0.000	0.000	1	3	4
657	ISRAELI JOURNAL OF AQUACULTURE BAMIDGEGH	FISHERIES	ISR	0.212	0.111	2	2	4
658	JAPANESE JOURNAL OF PHYSIOLOGY	PHYSIOL	JPN	0.458	0.939	1	3	4
659	JOURNAL OF APPLIED ECOLOGY	ECOLOGY	UKD	1.013	1.167	1	3	4
660	JOURNAL OF ASTHMA	RESP SYS //ALLERGY	USA	0.604	0.225	1	3	4
661	JOURNAL OF BIOMOLECULAR NMR	BIOCHEM //SPECTROSCOPY	NLD	5.733	0.000	1	3	4
662	JOURNAL OF FOOD COMPOSITION AND ANALYSIS	FOOD SCI	USA	0.000	0.000	2	2	4
663	JOURNAL OF GENERAL VIROLOGY	VIROLOGY	UKD	3.478	3.300	1	3	4
664	JOURNAL OF HERPETOLOGY	ZOOLOGY	USA	0.570	0.376	0	4	4
665	JOURNAL OF HUMAN ERGOLOGY	MED, GEN	JPN	0.000	0.000	3	1	4
666	JOURNAL OF MICROBIOLOGICAL METHODS	MICROBIOL //BIOMETHODS	NLD	1.086	1.098	2	2	4
667	JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS	PHARMACOL	UKD	0.840	0.647	0	4	4
668	JOURNAL OF PLANKTON RESEARCH	MARINE BIOL	UKD	1.236	1.578	2	2	4
669	JOURNAL OF PLANT PROTECTION IN THE TROPICS	PLANT SCI	MYS	0.000	0.000	0	4	4

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						1992	93-94	Total
670	JOURNAL OF REPRODUCTIVE IMMUNOLOGY	REPROD SYS //IMMUNOL	NLD	1.491	1.442	0	4	4
671	JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY	BIOCHEM //ENDOCR	UKD	1.676	1.259	1	3	4
672	JOURNAL OF THE NEUROLOGICAL SCIENCES	NEUROSCI	NLD	1.776	2.385	3	1	4
673	JOURNAL OF THE YAMASHINA INSTITUTE FOR ORNITHOLOGY	ORNITHOLOGY	JPN	0.000	0.000	0	4	4
674	LIEBIGS ANNALEN DER CHEMIE	CHEMISTRY	DEU	1.183	1.266	1	3	4
675	MAMMALIA	ZOOLOGY	FRA	0.164	0.273	2	2	4
676	MARINE POLLUTION BULLETIN	ENV SCI //MARINE BIOL	UKD	0.932	0.872	1	3	4
677	MATHEMATICAL BIOSCIENCES	MATHS, MISC//BIOL, MISC	USA	0.722	0.546	4	0	4
678	MEMORIAS DO INSTITUTO OSWALDO CRUZ RIO DE JANEIRO	MED, RES	BRA	0.033	0.288	1	3	4
679	METABOLISM CLINICAL AND EXPERIMENTAL	ENDOCR	USA	0.000	0.000	2	2	4
680	MOLECULAR & GENERAL GENETICS	GENETICS //BIOCHEM	DEU	2.917	2.941	0	4	4
681	NEUROENDOCRINOLOGY LETTERS	ENDOCR //NEUROSCI	DEU	0.703	0.395	2	2	4
682	NEUROSURGERY (BALTIMORE)	SURGERY //NEUROSCI	USA	1.670	1.554	0	4	4
683	NEW PHYTOLOGIST	PLANT SCI	UKD	1.896	1.613	1	3	4
684	NUTRITION AND CANCER	NUTRI DIET //ONCOL	USA	2.175	1.495	2	2	4
685	PEDIATRIC NEPHROLOGY	PEDIAT //UROL NEPH	USA	0.772	1.118	1	3	4
686	PHOTOSYNTHESIS RESEARCH	PLANT SCI	NLD	2.903	3.017	0	4	4
687	POLSKIE ARCHIWUM HYDROBIOLOGII	MARINE BIOL	POL	0.000	0.000	1	3	4
688	PROTEIN ENGINEERING	BIOCHEM	UKD	4.062	3.392	1	3	4
689	RESEARCH IN EXPERIMENTAL MEDICINE	MED, RES	DEU	0.571	0.547	3	1	4
690	RESOURCES CONSERVATION AND RECYCLING	ENV SCI	NLD	0.189	0.215	2	2	4
691	SEPARATION SCIENCE AND TECHNOLOGY	ENG, CHEM //CHEM, ANAL	USA	0.838	0.556	4	0	4
692	SOCIAL BIOLOGY	GENETICS //BIOLOGY	USA	0.000	0.000	1	3	4
693	SOIL SCIENCE AND PLANT NUTRITION	AGRICUL //AGRI, SOIL	JPN	0.491	0.585	4	0	4
694	SYSTEMATIC PARASITOLOGY	PARASITOL	NLD	0.559	0.341	2	2	4
695	TEXAS HEART INSTITUTE JOURNAL	CARDIOVASC	USA	0.204	0.274	2	2	4
696	THROMBOSIS RESEARCH	HEMATOL //CARDIOVASC	USA	1.165	1.293	1	3	4
697	TROPICAL MEDICINE	TROP MED	JPN	0.000	0.000	1	3	4
698	VETERINARY AND HUMAN TOXICOLOGY	TOXICOL //VET SCI	USA	0.288	0.227	0	4	4
699	VIROLOGY	VIROLOGY	USA	3.879	4.412	1	3	4
700	AGE (CHESTER)	GERIATRICS	USA	1.256	0.935	1	3	4

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
701	ACTA DERMATO-VENEREOLOGICA	DERMATOL	SWE	0.863	0.855	2	1	3
702	ACTA MEDICA AUXOLOGICA (MILAN)	MED, GEN	ITA	0.000	0.000	2	1	3
703	ACTA ORTHOPAEDICA SCANDINAVICA	ORTHOPEDE	DEN	0.594	0.569	2	1	3
704	ACTA PARASITOLOGICA POLONICA	PARASITOL	POL	0.000	0.000	2	1	3
705	ADVANCES IN THERAPY	MED, RES //PHARMACOL	USA	0.324	0.000	2	1	3
706	AJR (AMERICAN JOURNAL OF ROENTGENOLOGY)	RADIOL	USA	1.783	1.841	1	2	3
707	AMERICAN FERN JOURNAL	PLANT SCI	USA	0.192	0.500	0	3	3
708	AMERICAN JOURNAL OF CLINICAL ONCOLOGY	ONCOL	USA	0.737	0.689	2	1	3
709	AMERICAN JOURNAL OF NONINVASIVE CARDIOLOGY	CARDIOVASC	USA	0.160	0.407	1	2	3
710	ANGEWANDTE PARASITOLOGIE	PARASITOL	DEU	0.000	0.000	3	0	3
711	ANGIOLOGY	MED, GEN //CARDIOVASC	USA	0.386	0.403	1	2	3
712	ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA	ENTOMOL	USA	0.689	0.792	1	2	3
713	ANTONIE VAN LEEUWENHOEK	MICROBIOL	NLD	1.190	1.051	1	2	3
714	AQUATIC TOXICOLOGY (AMSTERDAM)	MARINE BIOL //TOXICOL	NLD	1.738	1.183	3	0	3
715	ARCHIVES OF DISEASE IN CHILDHOOD	PEDIAT	UKD	1.462	1.474	0	3	3
716	ARCHIVES OF PHARMACOL RESEARCH (SEOUL)	PHARMACOL	KOR	0.000	0.000	0	3	3
717	ARCHIVES OF TOXICOLOGY	TOXICOL	DEU	1.580	1.370	0	3	3
718	ARCHIVES OF VIROLOGY	VIROLOGY	AUT	1.223	1.666	1	2	3
719	ARCTIC AND ALPINE RESEARCH	GEOGRAPHY	USA	0.512	0.608	0	3	3
720	ARTIFICIAL ORGANS	ENG, BIOM	USA	1.053	1.059	2	1	3
721	AUSTRALIAN JOURNAL OF SOIL RESEARCH	AGRI, SOIL	AUS	0.860	1.202	0	3	3
722	AVIATION SPACE AND ENVIRONMENTAL MEDICINE	MED, MIS	USA	0.637	0.568	0	3	3
723	BIOCHEMICAL SYSTEMATICS AND ECOLOGY	ECOLOGY //BIOCHEM	UKD	0.746	0.712	0	3	3
724	BIOLOGICAL CYBERNETICS	COMPUTER SCI //BIOL, MISC	DEU	1.189	1.269	1	2	3
725	BIOPHYSICAL JOURNAL	BIOPHYS	USA	4.247	4.945	0	3	3
726	BLUMEA	PLANT SCI	NLD	0.118	0.083	0	3	3
727	BRITISH JOURNAL OF ANAESTHESIA	ANESTHES	UKD	2.298	1.996	3	0	3
728	BRITISH JOURNAL OF INDUSTRIAL MEDICINE	PUB HEALTH	UKD	1.748	1.401	2	1	3
729	BRITISH JOURNAL OF OBSTETRICS AND GYNAECOLOGY	OBST GYNE	UKD	1.752	1.576	1	2	3
730	BRITISH MEDICAL JOURNAL	MED, GEN	UKD	4.411	4.338	2	1	3
731	BRYOLOGIST	PLANT SCI	USA	0.379	0.475	0	3	3
732	BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE	CHEMISTRY	FRA	1.156	0.644	3	0	3
733	CANADIAN JOURNAL OF FOREST RESEARCH	FORESTRY	CAN	0.794	1.040	1	2	3

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
734	CELL AND TISSUE RESEARCH	CELL BIOL	DEU	2.065	1.777	1	2	3
735	CELLULAR AND MOLECULAR BIOLOGY (NOISY-LE-GRAND)	CELL BIOL //BIOCHEM	FRA	0.000	0.000	0	3	3
736	CHRONOBIOLOGY INTERNATIONAL	PHYSIOL	UKD	1.021	0.677	1	2	3
737	CLIMATIC CHANGE	ENV SCI //METEOROL	NLD	1.155	1.756	3	0	3
738	CLINICAL AND EXPERIMENTAL ALLERGY	ALLERGY //IMMUNOL	UKD	2.832	2.384	1	2	3
739	CLINICAL CARDIOLOGY	CARDIOVASC	USA	0.528	0.691	2	1	3
740	CLINICAL GENETICS	GENETICS	DEN	1.113	1.288	1	2	3
741	CLINICAL NUCLEAR MEDICINE	RADIOL	USA	0.367	0.355	0	3	3
742	CLINICAL RADIOLOGY	RADIOL	UKD	0.704	0.727	3	0	3
743	COLLOIDS AND SURFACES	CHEM, PHYS	NLD	1.401	0.973	3	0	3
744	COMUNICACIONES BIOLÓGICAS	BIOLOGY	ARG	0.000	0.000	0	3	3
745	CRITICAL CARE MEDICINE	CRITICAL CARE	USA	2.807	1.790	2	1	3
746	DEVELOPMENTAL BIOLOGY	DEV BIOL //BIOLOGY	USA	4.468	3.779	0	3	3
747	DIABETES CARE	ENDOCR //MED, GEN	USA	2.755	4.026	1	2	3
748	DRUG AND CHEMICAL TOXICOLOGY AN INTERNATIONAL JOURNAL FOR RAPID COMMUNICATION	TOXICOL //PHARMACOL //CHEMISTRY	USA	0.532	0.347	2	1	3
749	DRUG DEVELOPMENT RESEARCH	PHARMACOL	USA	1.535	1.364	3	0	3
750	ENDOCRINE RESEARCH	ENDOCR	USA	0.744	0.966	1	2	3
751	ENERGY	ENERGY //ENG, CHEM	UKD	0.427	0.189	2	1	3
752	ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA	ENTOMOL	NLD	0.831	0.792	2	1	3
753	ENTOMOLOGISCHE ABHANDLUNGEN (DRESDEN)	ENTOMOL	DEU	0.000	0.000	0	3	3
754	ENVIRONMENTAL CONSERVATION	ENV SCI	CHE	0.371	0.393	0	3	3
755	EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS	PHARMACOL	CHE	0.489	0.723	1	2	3
756	EUROPEAN JOURNAL OF ENTOMOLOGY	ENTOMOL	CSK	0.167	0.000	0	3	3
757	EUROPEAN JOURNAL OF GYNAECOLOGICAL ONCOLOGY	ONCOL //OBST GYNEC	ITA	0.000	0.000	0	3	3
758	EUROPEAN JOURNAL OF MORPHOLOGY	ANATOMY	NLD	0.790	0.667	2	1	3
759	EUROPEAN UROLOGY	UROL NEPH	CHE	0.842	0.643	0	3	3
760	EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY	ENDOCR	DEU	0.644	0.193	1	2	3
761	EXPERIMENTAL AND MOLECULAR PATHOLOGY	PATHOL	USA	0.988	0.900	1	2	3
762	FEMS IMMUNOLOGY AND MEDICAL MICROBIOLOGY	IMMUNOL //MICROBIOL	NLD	1.006	0.000	0	3	3
763	FITOPATOLOGIA BRASILEIRA	PLANT SCI	BRA	0.000	0.000	2	1	3
764	FONTILLES	****	ESP	0.000	0.000	1	2	3
765	FOOD ADDITIVES AND CONTAMINANTS	FOOD SCI //CHEM, APPL //PUB HEALTH	UKD	0.512	0.444	1	2	3
766	FREE RADICAL BIOLOGY & MEDICINE	BIOCHEM	USA	4.175	4.169	1	2	3

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
767	GENITOURINARY MEDICINE	UROL NEPH //PUB HEALTH //DERMATOL	UKD	1.135	1.205	1	2	3
768	GLAUCOMA	OPHTHALMOL	USA	0.000	0.000	1	2	3
769	HUMAN GENETICS	GENETICS	USA	2.758	2.877	2	1	3
770	IN VIVO (ATHENS)	MED, LAB	GRC	0.000	0.000	1	2	3
771	INDUSTRIAL HEALTH	TOXICOL //PUB HEALTH //ENV SCI	JPN	0.304	0.462	1	2	3
772	INTERNATIONAL ARCHIVES OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH	PUB HEALTH	DEU	0.921	1.032	2	1	3
773	INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS	ENG, BIOM	ITA	0.743	0.868	0	3	3
774	INTERNATIONAL JOURNAL OF EPIDEMIOLOGY	PUB HEALTH	UKD	1.285	1.514	0	3	3
775	INTERNATIONAL JOURNAL OF INSECT MORPHOLOGY AND EMBRYOLOGY	ENTOMOL	UKD	0.639	0.431	1	2	3
776	INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY	OTORHINOL //PEDIAT	NLD	0.407	0.323	2	1	3
777	INTERNATIONAL OPHTHALMOLOGY	OPHTHALMOL	NLD	0.296	0.520	0	3	3
778	INTERNATIONAL UROLOGY AND NEPHROLOGY	UROL NEPH	HUN	0.000	0.000	0	3	3
779	INTERVIROLOGY	VIROLOGY	CHE	0.788	1.667	0	3	3
780	JAPANESE JOURNAL OF CANCER RESEARCH	ONCOL	JPN	1.677	1.701	3	0	3
781	JAPANESE JOURNAL OF ICHTHYOLOGY	ZOOLOGY	JPN	0.200	0.119	3	0	3
782	JAPANESE JOURNAL OF PHYCOLOGY	PLANT SCI	JPN	0.000	0.000	1	2	3
783	JOURNAL OF APPLIED ICHTHYOLOGY	FISHERIES //MARINE BIOL	DEU	0.227	0.385	2	1	3
784	JOURNAL OF BIOLUMINESCENCE AND CHEMILUMINESCENCE	BIOCHEM	UKD	1.634	1.000	2	1	3
785	JOURNAL OF BONE AND JOINT SURGERY AMERICAN VOLUME	ORTHOPED //SURGERY	USA	1.462	1.336	1	2	3
786	JOURNAL OF CEREAL SCIENCE	FOOD SCI	UKD	1.221	1.607	2	1	3
787	JOURNAL OF CLINICAL LABORATORY ANALYSIS	MED, LAB	USA	0.792	1.026	1	2	3
788	JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION	ENDOCR	ITA	1.120	0.931	0	3	3
789	JOURNAL OF ENDOCRINOLOGY	ENDOCR	UKD	2.495	2.623	0	3	3
790	JOURNAL OF ENVIRONMENTAL SYSTEMS	ENV SCI	USA	0.000	0.000	0	3	3
791	JOURNAL OF EPIDEMIOLOGY AND COMMUNITY HEALTH	PUB HEALTH	UKD	1.249	1.608	0	3	3
792	JOURNAL OF HAZARDOUS MATERIALS	ENG, CIVIL //ENV SCI	NLD	0.497	0.511	1	2	3
793	JOURNAL OF HYDROLOGY (AMSTERDAM)	ENG, CIVIL //WATER RES //GEO SCI	NLD	0.779	0.935	0	3	3
794	JOURNAL OF INFECTIOUS DISEASES	INFECT DIS	USA	4.781	5.499	0	3	3

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
795	JOURNAL OF MOLECULAR CATALYSIS	CHEM, PHYS	CHE	1.582	1.430	3	0	3
796	JOURNAL OF NATURAL HISTORY	ZOOLOGY	UKD	0.556	0.474	1	2	3
797	JOURNAL OF NEMATOLOGY	ZOOLOGY	USA	0.585	0.757	2	1	3
798	JOURNAL OF NEUROCHEMISTRY	BIOCHEM //NEUROSCI	USA	4.525	4.215	2	1	3
799	JOURNAL OF NUTRITIONAL MEDICINE	NUTRI DIET	UKD	0.000	0.000	1	2	3
800	JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION	GASTRO //NUTRI DIET //PEDIAT	USA	1.082	0.893	1	2	3
801	JOURNAL OF PROTEIN CHEMISTRY	BIOCHEM	USA	1.304	1.329	0	3	3
802	JOURNAL OF PROTOZOOLOGY	ZOOLOGY	USA	1.518	0.981	3	0	3
803	JOURNAL OF RADIATION RESEARCH	RADIOL	JPN	0.371	0.250	0	3	3
804	JOURNAL OF SOIL SCIENCE	AGRI, SOIL	UKD	1.215	1.162	0	3	3
805	JOURNAL OF SUBMICROSCOPIC CYTOLOGY AND PATHOLOGY	CELL BIOL //PATHOL	ITA	0.717	0.718	1	2	3
806	JOURNAL OF TAIWAN MUSEUM	*****	TWN	0.000	0.000	0	3	3
807	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	CHEMISTRY	USA	5.039	5.298	1	2	3
808	JOURNAL OF THE AMERICAN COLLEGE OF NUTRITION	NUTRI DIET	USA	1.361	0.856	2	1	3
809	JOURNAL OF THE INSTITUTE OF MEDICINE (NEPAL)	MED, GEN	NPL	0.000	0.000	3	0	3
810	JOURNAL OF THERMAL BIOLOGY	BIOL, MISC	UKD	0.393	0.643	0	3	3
811	JOURNAL OF TOXICOLOGY CUTANEOUS AND OCULAR TOXICOLOGY	TOXICOL	USA	0.526	0.577	2	1	3
812	JOURNAL OF VETERINARY MEDICINE SERIES B	VET SCI	DEU	0.450	0.519	2	1	3
813	LIMNOLOGICA	LIMNOL	DEU	0.000	0.000	3	0	3
814	MAGNETIC RESONANCE IMAGING	RADIOL	USA	1.760	1.313	2	1	3
815	MEMBRANE BIOCHEMISTRY	CELL BIOL //BIOCHEM	USA	0.913	0.375	1	2	3
816	MICROBIAL PATHOGENESIS	IMMUNOL //MICROBIOL	UKD	1.580	1.948	2	1	3
817	MICROPALEONTOLOGY (NEW YORK)	PALEONTOL	USA	0.558	0.275	0	3	3
818	MIKROCHIMICA ACTA	CHEM, ANAL	AUT	0.965	0.796	3	0	3
819	MILCHWISSENSCHAFT	FOOD SCI	DEU	0.508	0.522	2	1	3
820	MOSQUITO SYSTEMATICS	ENTOMOL	USA	0.000	0.000	2	1	3
821	NEUROEPIDEMIOLOGY	NEUROSCI	CHE	1.000	0.949	2	1	3
822	OECOLOGIA (HEIDELBERG)	ECOLOGY	DEU	1.366	1.496	0	3	3
823	ORGANIC MASS SPECTROMETRY	CHEM, ORG //SPECTROSCOPY	UKD	1.630	1.806	3	0	3
824	PAIN CLINIC	NEUROSCI	NLD	0.000	0.000	1	2	3
825	PAKISTAN JOURNAL OF BOTANY	PLANT SCI	PAK	0.088	0.014	1	2	3
826	PAKISTAN JOURNAL OF FORESTRY	FORESTRY	PAK	0.000	0.000	0	3	3
827	PANMINERVA MEDICA	MED, GEN	ITA	0.067	0.065	1	2	3
828	PATHOLOGY	PATHOL	AUS	0.000	0.000	0	3	3
829	PEANUT SCIENCE	AGRICUL	USA	0.000	0.000	3	0	3

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
830	PEDOBIOLOGIA	ECOLOGY	DEU	0.441	0.570	1	2	3
831	PHYSIOLOGICAL ENTOMOLOGY	ENTOMOL	UKD	0.892	0.971	3	0	3
832	PLANT MOLECULAR BIOLOGY	PLANT SCI //BIOCHEM	NLD	3.415	3.361	0	3	3
833	POLAR RECORD	GEOSCI	UKD	0.000	0.000	2	1	3
834	PROGRESSIVE FISH-CULTURIST	FISHERIES	USA	0.280	0.238	2	1	3
835	PYRETHRUM POST	PLANT SCI	KEN	0.000	0.000	3	0	3
836	QUARTERLY JOURNAL OF MEDICINE	MED, GEN	UKD	2.069	1.697	0	3	3
837	RADIATION AND ENVIRONMENTAL BIOPHYSICS	BIOPHYS //RADIOL //ENV SCI	DEU	0.873	0.811	1	2	3
838	REVIEW OF PALAEOBOTANY AND PALYNOLOGY	PALEONTOL// PLANT SCI	NLD	0.510	0.400	1	2	3
839	REVUE DE NEMATOLOGIE	ZOOLOGY	FRA	0.000	0.000	3	0	3
840	RHEUMATOLOGY INTERNATIONAL	RHEUMATOL	USA	1.337	1.083	2	1	3
841	SAUDI MEDICAL JOURNAL	MED, GEN	SAU	0.122	0.088	2	1	3
842	SCANNING MICROSCOPY	MICROSCOPY	USA	0.868	0.936	1	2	3
843	SNAKE	ZOOLOGY	JPN	0.000	0.000	1	2	3
844	SPINE	ORTHOPEDE	USA	0.612	0.560	1	2	3
845	SURGICAL NEUROLOGY	NEUROSCI //SURGERY	USA	0.625	0.714	3	0	3
846	TETRAHEDRON ASYMMETRY	CHEM, INOR //CHEM, ORG //CHEM PHYS	UKD	2.594	2.801	3	0	3
847	TOXICOLOGY IN VITRO	TOXICOL	UKD	0.837	0.661	2	1	3
848	TUMORI	ONCOL	ITA	0.352	0.453	1	2	3
849	WATER ENVIRONMENT RESEARCH	LIMNOL //ENV SCI //ENG, ENV	USA	1.105	0.000	1	2	3
850	ZEITSCHRIFT FUER NATURFORSCHUNG SECTION C BIOSCIENCES	BIOLOGY	DEU	0.870	1.195	1	2	3
851	ZOO BIOLOGY	ZOOLOGY	USA	0.450	0.422	2	1	3
852	ABDOMINAL IMAGING	GASTRO //RADIOL	USA	0.516	0.000	0	2	2
853	ACTA ALIMENTARIA	NUTRI DIET //FOOD SCI	HUN	0.117	0.000	2	0	2
854	ACTA ANAESTHESIOLOGICA SCANDINAVICA	ANESTHES	DEN	0.939	0.944	1	1	2
855	ACTA BIOLOGICA CRACOVENSIA SERIES ZOOLOGIA	ZOOLOGY	POL	0.000	0.000	1	1	2
856	ACTA CARDIOLOGICA	CARDIOVASC	BEL	0.366	0.110	1	1	2
857	ACTA DIABETOLOGICA	ENDOCR	ITA	0.769	0.444	0	2	2
858	ACTA EMBRYOLOGIAE ET MORPHOLOGIAE EXPERIMENTALIS NEW SERIES	ANATOMY	ITA	0.000	0.000	2	0	2
859	ACTA GENETICAE MEDICAE ET GEMELLOLOGIAE	GENETICS	ITA	0.000	0.356	1	1	2
860	ACTA HAEMATOLOGICA (BASEL)	HEMATOL	CHE	0.729	0.663	0	2	2
861	ACTA HISTOCHEMICA ET CYTOCHEMICA	CELL BIOL	JPN	0.695	0.710	1	1	2
862	ACTA HYDROCHIMICA ET HYDROBIOLOGICA	ENV SCI //WATER RES //MARINE BIOL	DEU	0.643	0.099	0	2	2
863	ACTA PALAEOBOTANICA	PLANT SCI	POL	0.000	0.000	0	2	2

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
864	ACTA PHYSIOLOGICA SCANDINAVICA	PHYSIOL	SWE	1.745	1.391	0	2	2
865	ACTA RADIOLOGICA (COPENHAGEN)	RADIOL	SWE	0.626	0.551	2	0	2
866	ACTA SOCIETATIS BOTANICORUM POLONIAE	PLANT SCI	POL	0.052	0.000	2	0	2
867	ACTA THERIOLOGICA	ZOOLOGY	POL	0.294	0.157	1	1	2
868	ADVANCES IN CONTRACEPTIVE DELIVERY SYSTEMS	OBST GYNE	USA	0.000	0.000	0	2	2
869	AMERICAN JOURNAL OF CLINICAL PATHOLOGY	PATHOL	USA	2.181	2.042	1	1	2
870	AMERICAN JOURNAL OF HEMATOLOGY	HEMATOL	USA	1.744	1.501	1	1	2
871	AMERICAN JOURNAL OF INDUSTRIAL MEDICINE	PUB HEALTH	USA	0.993	1.191	1	1	2
872	AMERICAN JOURNAL OF MEDICAL GENETICS	GENETICS	USA	1.645	1.671	1	1	2
873	AMERICAN JOURNAL OF OPHTHALMOLOGY	OPHTHALMOL	USA	1.780	2.208	0	2	2
874	AMERICAN JOURNAL OF REPRODUCTIVE IMMUNOLOGY	REPROD SYS //IMMUNOL	USA	1.980	1.931	0	2	2
875	AMINO ACIDS (VIENNA)	BIOCHEM	AUT	0.000	0.000	0	2	2
876	AMPHIBIA-REPTILIA	ZOOLOGY	NLD	0.000	0.000	0	2	2
877	ANATOMICAL RECORD	ANATOMY	USA	1.378	1.569	1	1	2
878	ANESTHESIA AND ANALGESIA	ANESTHES	USA	2.166	2.155	1	1	2
879	ANESTHESIOLOGY	ANESTHES	USA	4.711	3.437	0	2	2
880	ANIMAL PRODUCTION	AGRI, DAIRY //VET SCI	UKD	1.004	0.841	1	1	2
881	ANNALES DE PARASITOLOGIE HUMAINE ET COMPAREE	PARASITOL	FRA	0.525	0.468	1	1	2
882	ANNALS OF HEMATOLOGY	HEMATOL	DEU	1.496	1.137	0	2	2
883	ANNALS OF OCCUPATIONAL HYGIENE	TOXICOL //PUB HEALTH	UKD	0.657	0.692	1	1	2
884	ANTI-CANCER DRUG DESIGN	PHARMACOL //ONCOL //BIOCHEM	UKD	1.958	1.831	1	1	2
885	ANTICANCER RESEARCH	ONCOL	GRC	1.066	1.041	0	2	2
886	ANZEIGER FUER SCHAEDELINGSKUNDE PFLANZENSCHUTZ UMWELTSCHUTZ	ZOOLOGY //ENTOMOL	DEU	0.068	0.049	0	2	2
887	AQUA (OXFORD)	FISHERIES	UKD	0.000	0.000	0	2	2
888	ARCHIV FUER HYDROBIOLOGIE SUPPLEMENTBAND	MARINE BIOL //LIMNOL	DEU	0.000	0.000	0	2	2
889	ARCHIV FUER TIERZUCHT	AGRI, DAIRY	DEU	0.074	0.096	1	1	2
890	ARCHIVES OF DERMATOLOGY	DERMATOL	USA	1.854	2.129	0	2	2
891	ARCHIVES OF INSECT BIOCHEMISTRY AND PHYSIOLOGY	ENTOMOL //BIOCHEM //PHYSIOL	USA	1.669	1.500	1	1	2
892	ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY	ORTHOPEDE //SURGERY	DEU	0.208	0.240	1	1	2
893	ARQUIVOS DE BIOLOGIA E TECNOLOGIA (CURITIBA)	BIOLOGY	BRA	0.020	0.022	1	1	2
894	ASIAN JOURNAL OF SURGERY	SURGERY	HKG	0.000	0.000	2	0	2
895	ASIAN MARINE BIOLOGY	MARINE BIOL	HKG	0.000	0.000	2	0	2

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
896	AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH	OCEAN //MARINE BIOL //FISHERIES	AUS	0.585	0.761	0	2	2
897	AVIAN PATHOLOGY	VET SCI	UKD	0.629	1.089	0	2	2
898	BANGLADESH JOURNAL OF ZOOLOGY	ZOOLOGY	BGD	0.000	0.000	0	2	2
899	BEHAVIOR GENETICS	GENETICS	USA	1.373	1.427	0	2	2
900	BIO-MEDICAL MATERIALS AND ENGINEERING	ENG, BIOM //MATER SCI	USA	0.000	0.000	2	0	2
901	BIOCHEMICAL GENETICS	GENETICS //BIOCHEM	USA	0.726	0.724	0	2	2
902	BIOCHEMISTRY AND CELL BIOLOGY	BIOCHEM	CAN	1.062	1.473	0	2	2
903	BIOLOGISCHES ZENTRALBLATT	BIOLOGY	DEU	0.298	0.231	1	1	2
904	BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY	BIOCHEM //FOOD SCI //AGRICUL	JPN	0.863	0.000	0	2	2
905	BIOSENSORS & BIOELECTRONICS	BIOTECH //BIOPHYS	UKD	1.858	2.295	1	1	2
906	BIOSEPARATION	ENG, CHEM //BIOCHEM	NLD	0.000	0.000	0	2	2
907	BIOTRONICS	BIOLOGY//ENG, BIOM//ENV SCI	JPN	0.000	0.000	0	2	2
908	BRITISH HEART JOURNAL	CARDIOVASC	UKD	2.162	2.188	1	1	2
909	BRITISH JOURNAL OF BIOMEDICAL SCIENCE	MED, LAB	UKD	0.298	0.000	0	2	2
910	BRITISH JOURNAL OF CANCER	ONCOL	UKD	3.188	2.798	0	2	2
911	BRITISH JOURNAL OF HAEMATOLOGY	HEMATOL	UKD	2.568	3.356	0	2	2
912	BRITISH JOURNAL OF OPHTHALMOLOGY	OPHTHALMOL	UKD	1.022	1.096	1	1	2
913	BRITISH JOURNAL OF PHARMACOLOGY	PHARMACOL	UKD	4.695	5.094	1	1	2
914	BRITISH JOURNAL OF RHEUMATOLOGY	RHEUMATOL	UKD	2.005	2.468	1	1	2
915	CANADIAN JOURNAL OF CHEMISTRY	CHEMISTRY	CAN	1.127	1.068	1	1	2
916	CANCER BIOTHERAPY	ONCOL	USA	0.543	0.000	0	2	2
917	CANCER IMMUNOLOGY IMMUNOTHERAPY	IMMUNOL //ONCOL	DEU	1.949	1.564	2	0	2
918	CARDIOLOGY	CARDIOVASC	CHE	0.538	0.563	1	1	2
919	CATHETERIZATION AND CARDIOVASCULAR DIAGNOSIS	CARDIOVASC	USA	0.832	0.962	0	2	2
920	CELLULAR & MOLECULAR BIOLOGY RESEARCH	CELL BIOL //BIOCHEM	USA	0.667	0.705	0	2	2
921	CEYLON MEDICAL JOURNAL	MED, GEN	LKA	0.000	0.000	1	1	2
922	CHEMICAL SPECIATION AND BIOAVAILABILITY	ENV SCI //TOXICOL //BIOCHEM	UKD	0.382	0.000	0	2	2
923	CHEMOTHERAPY	PHARMACOL //ONCOL	CHE	0.842	0.540	0	2	2
924	CIS (CHROMOSOME INFORMATION SERVICE)	GENETICS	JPN	0.000	0.000	0	2	2
925	CLINICA CHIMICA ACTA	CHEM, CLIN //BIOCHEM	NLD	0.958	0.956	2	0	2

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
926	CLINICAL AND EXPERIMENTAL DERMATOLOGY	DERMATOL	UKD	0.634	0.605	1	1	2
927	CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY	PATHOL //IMMUNOL	USA	2.553	2.307	1	1	2
928	CLINICAL NEUROLOGY AND NEUROSURGERY	NEUROSCI //SURGERY	NLD	0.489	0.353	1	1	2
929	COLONIAL WATERBIRDS	ECOLOGY //ORNITHOL	USA	0.162	0.154	0	2	2
930	COMMUNITY DENTISTRY AND ORAL EPIDEMIOLOGY	DENTISTRY	DEN	0.735	0.585	0	2	2
931	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B	BIOCHEM	USA	0.685	0.770	2	0	2
932	COMPUTERIZED MEDICAL IMAGING AND GRAPHICS	RADIOI //COMPUTER SCI	USA	0.536	0.444	1	1	2
933	CONSERVATION BIOLOGY	BIOLOGY //ENV SCI //ECOLOGY	USA	1.643	1.224	1	1	2
934	CONTACT DERMATITIS	DERMATOL	DEN	0.832	0.817	0	2	2
935	CRYPTOGAMIE ALGOLOGIE	PLANT SCI //MARINE BIOL	FRA	0.130	0.231	1	1	2
936	CULTURED DAIRY PRODUCTS JOURNAL	AGRI, DAIRY	USA	0.000	0.000	0	2	2
937	DEEP-SEA RESEARCH PART A OCEANOGRAPHIC RESEARCH PAPERS	OCEAN	UKD	2.946	1.916	2	0	2
938	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	IMMUNOL	USA	1.186	1.031	2	0	2
939	DIABETOLOGIA	ENDOCR //MED, GEN	DEU	4.988	5.261	0	2	2
940	DOCUMENTA OPHTHALMOLOGICA	OPHTHALMOL	NLD	0.349	0.464	0	2	2
941	DRUG AND ALCOHOL DEPENDENCE	SUB ABUSE //PSYCHIAT	CHE	0.980	0.813	1	1	2
942	DRUG METABOLISM AND DISPOSITION	PHARMACOL	USA	1.699	1.960	1	1	2
943	ECOLOGICAL ENTOMOLOGY	ENTOMOL	UKD	0.972	1.116	1	1	2
944	ENTOMOLOGIA GENERALIS	ENTOMOL	DEU	0.146	0.309	0	2	2
945	ENTOMOLOGICA SCANDINAVICA	ENTOMOL	DEN	0.121	0.135	1	1	2
946	ENTOMOLOGIST	ENTOMOL	UKD	0.000	0.000	0	2	2
947	ENVIRONMENTAL BIOLOGY OF FISHES	ENV SCI //ZOOLOGY //ECOLOGY	NLD	0.634	0.727	0	2	2
948	EUROPEAN JOURNAL OF ANAESTHESIOLOGY	ANESTHES	UKD	0.567	0.462	0	2	2
949	EUROPEAN JOURNAL OF IMMUNOLOGY	IMMUNOL	DEU	5.664	4.934	1	1	2
950	EUROPEAN RESPIRATORY JOURNAL	RESP SYS	DEN	2.111	1.495	0	2	2
951	EXPERIMENTAL CELL RESEARCH	ONCOL //CELL BIOL	USA	2.980	2.839	2	0	2
952	EXPERIMENTAL EYE RESEARCH	OPHTHALMOL	USA	1.963	1.840	1	1	2
953	EYE (LONDON)	OPHTHALMOL	UKD	0.730	0.772	0	2	2
954	FERTILITY AND STERILITY	OBST GYNE	USA	2.464	1.970	1	1	2
955	FOOD MICROBIOLOGY (LONDON)	FOOD SCI //BIOTECH //MICROBIOL	UKD	1.193	0.000	1	1	2

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956	FUNDAMENTAL & CLINICAL PHARMACOLOGY	PHARMACOL	FRA	1.382	1.356	1	1	2
957	GASTROENTEROLOGY	GASTRO	USA	7.251	5.919	1	1	2
958	GENETIC ANALYSIS TECHNIQUES AND APPLICATIONS	GENETICS //BIOMETHODS	USA	1.735	2.065	0	2	2
959	GENETICA (DORDRECHT)	GENETICS	NLD	1.077	0.531	1	1	2
960	GENETICS SELECTION EVOLUTION	GENETICS //BIOLOGY	FRA	0.773	0.496	2	0	2
961	GENUS	*****	ITA	0.000	0.000	1	1	2
962	GEOBIOS (LYON)	PALEONTOL	FRA	0.259	0.224	1	1	2
963	GYNECOLOGIC ONCOLOGY	ONCOL //OBST & GYNE	USA	1.398	1.423	0	2	2
964	HAEMATOLOGIA	HEMATOL	HUN	0.194	0.109	1	1	2
965	HEALTH AND HYGIENE	PUB HEALTH	UKD	0.000	0.000	2	0	2
966	HETEROCYCLES (TOKYO)	CHEM, ORG	JPN	0.982	0.969	2	0	2
967	HORMONE RESEARCH (BASEL)	ENDOCR	CHE	0.808	0.848	1	1	2
968	IAWA JOURNAL	PLANT SCI //FORESTRY	NLD	0.230	0.000	0	2	2
969	IMA (INSTITUTE OF MATHEMATICS AND ITS APPLICATIONS) JOURNAL OF MATHEMATICS APPLI	MATHS, APPL	UKD	0.829	0.455	2	0	2
970	INDIAN JOURNAL OF HOSPITAL PHARMACY	PHARMACOL	IND	0.000	0.000	2	0	2
971	INDIAN JOURNAL OF NUTRITION AND DIETETICS	NUTRI DIET	IND	0.000	0.000	2	0	2
972	INSECT BIOCHEMISTRY	ENTOMOL	UKD	0.000	0.000	2	0	2
973	INSECTES SOCIAUX	ZOOLOGY //ENTOMOL	FRA	0.642	0.594	0	2	2
974	INTERNATIONAL JOURNAL OF BIOLOGICAL MARKERS	BIOLOGY	ITA	0.000	0.000	1	1	2
975	INTERNATIONAL JOURNAL OF DEVELOPMENTAL BIOLOGY	DEV BIOL	ESP	1.431	0.000	0	2	2
976	INTERNATIONAL JOURNAL OF HYPERTHERMIA	RADIOL	UKD	0.938	1.131	0	2	2
977	INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY	PHSYCOL //NEUROSCI //PHYSIOL	NLD	0.875	0.870	0	2	2
978	IRISH JOURNAL OF PSYCHOLOGY	PSYCHOL	IRE	0.000	0.000	2	0	2
979	IRRIGATION SCIENCE	WATER RES //AGRICUL	USA	0.316	0.344	1	1	2
980	ISRAEL JOURNAL OF MEDICAL SCIENCES	MED, GEN	ISR	0.345	0.348	0	2	2
981	ISRAEL JOURNAL OF VETERINARY MEDICINE	VET SCI	ISR	0.000	0.000	0	2	2
982	JAPANESE JOURNAL OF HUMAN GENETICS	GENETICS	JPN	0.649	0.327	1	1	2
983	JAPANESE JOURNAL OF LIMNOLOGY	LIMNOL	JPN	0.000	0.000	0	2	2
984	JAPANESE JOURNAL OF SURGERY	SURGERY	JPN	0.000	0.188	2	0	2
985	JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH	ENGINEERING //AGRICUL	UKD	0.392	0.407	1	1	2
986	JOURNAL OF ANIMAL BREEDING AND GENETICS	AGRI, DAIRY	DEU	0.394	0.336	0	2	2

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987	JOURNAL OF AQUATIC ANIMAL HEALTH	FISHERIES	USA	0.000	0.000	2	0	2
988	JOURNAL OF BIOLOGICAL PHYSICS	PHYS, MISC	NLD	0.000	0.000	1	1	2
989	JOURNAL OF BIOMECHANICS	ENG, BIOM //BIOPHYS	UKD	1.548	1.020	1	1	2
990	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH	ENG, BIOM //MATER SCI	USA	2.104	1.926	2	0	2
991	JOURNAL OF CARDIOVASCULAR SURGERY	CARDIOVASC //SURGERY	ITA	0.362	0.392	1	1	2
992	JOURNAL OF CLINICAL IMMUNOLOGY	IMMUNOL	USA	2.931	2.011	1	1	2
993	JOURNAL OF CUTANEOUS PATHOLOGY	PATHOL //DERMATOL	DEN	1.527	1.197	0	2	2
994	JOURNAL OF DAIRY RESEARCH	FOOD SCI //AGRI, DAIRY	UKD	1.024	0.864	1	1	2
995	JOURNAL OF DAIRY SCIENCE	FOOD SCI //AGRI, DAIRY	USA	1.394	1.437	1	1	2
996	JOURNAL OF DERMATOLOGICAL SCIENCE	DERMATOL	IRE	0.000	0.000	0	2	2
997	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY	CHEM, PHYS	USA	0.573	0.551	1	1	2
998	JOURNAL OF ELECTRON MICROSCOPY	MICROSCOPY	JPN	0.573	1.176	1	1	2
999	JOURNAL OF ENDOUROLOGY	ENDOCR	UKD	0.962	0.000	0	2	2
1000	JOURNAL OF EUKARYOTIC MICROBIOLOGY	ZOOLOGY //MICROBIOL	USA	2.000	0.000	0	2	2
1001	JOURNAL OF FOOD PROTECTION	FOOD SCI //BIOTECH	USA	1.292	1.499	2	0	2
1002	JOURNAL OF HEPATOLOGY	GASTRO	NLD	3.154	2.497	0	2	2
1003	JOURNAL OF HEREDITY	GENETICS	USA	1.533	0.841	2	0	2
1004	JOURNAL OF INDUSTRIAL MICROBIOLOGY	BIOTECH	NLD	0.855	0.753	1	1	2
1005	JOURNAL OF INSECT PHYSIOLOGY	ENTOMOL	USA	1.461	1.643	1	1	2
1006	JOURNAL OF MOLECULAR RECOGNITION	BIOCHEM	UKD	0.000	0.000	0	2	2
1007	JOURNAL OF NEURAL TRANSMISSION GENERAL SECTION	NEUROSCI	AUT	1.382	1.091	1	1	2
1008	JOURNAL OF NEURAL TRANSPLANTATION & PLASTICITY	NEUROSCI //TRANSPLANTATION	UKD	0.743	0.000	1	1	2
1009	JOURNAL OF NEUROSCIENCE METHODS	NEUROSCI	NLD	1.442	1.567	1	1	2
1010	JOURNAL OF NUTRITIONAL SCIENCE AND VITAMINOLOGY	NUTRI DIET	JPN	0.585	0.383	1	1	2
1011	JOURNAL OF ORAL PATHOLOGY & MEDICINE	DENTISTRY// PATHOL	DEN	1.195	1.206	0	2	2
1012	JOURNAL OF PHYSIOLOGY (CAMBRIDGE)	PHYSIOL	UKD	4.741	0.000	1	1	2
1013	JOURNAL OF PINEAL RESEARCH	NEUROSCI //ENDOCR //ANATOMY	USA	1.510	1.000	1	1	2
1014	JOURNAL OF PLANT GROWTH REGULATION	PLANT SCI	USA	1.109	1.240	0	2	2

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1015	JOURNAL OF RADIOLOGICAL PROTECTION	RADIOL	UKD	0.000	0.000	0	2	2
1016	JOURNAL OF REPRODUCTION AND FERTILITY	REPROD SYS	UKD	1.802	2.211	1	1	2
1017	JOURNAL OF THE LEPIDOPTERISTS' SOCIETY	****	USA	0.000	0.000	0	2	2
1018	JOURNAL OF THE NATIONAL SCIENCE COUNCIL OF SRI LANKA	MULTIDIS SCI	LKA	0.000	0.000	0	2	2
1019	JOURNAL OF TRACE AND MICROPROBE TECHNIQUES	CHEM, ANAL	USA	0.000	0.000	1	1	2
1020	JOURNAL OF TROPICAL ECOLOGY	ECOLOGY	USA	0.655	0.566	1	1	2
1021	JOURNAL OF VIROLOGICAL METHODS	VIROLOGY //BIOMETHODS //BIOTECH & APPL MICROBIOL	NLD	1.403	1.470	2	0	2
1022	KOREAN JOURNAL OF MYCOLOGY	MYCOLOGY	KOR	0.000	0.000	0	2	2
1023	LINDBERGIA	*****	DEN	0.000	0.000	1	1	2
1024	LIVER	GASTRO	DEN	1.267	0.808	1	1	2
1025	LYMPHOLOGY	PHYSIOL	DEU	1.136	0.431	1	1	2
1026	MALAKOLOGISCHE ABHANDLUNGEN (DRESDEN)	ZOOLOGY	DEU	0.000	0.000	1	1	2
1029	MARINE BIOLOGY (BERLIN)	MARINE BIOL	DEU	1.359	1.282	1	1	2
1030	MARINE ECOLOGY	MARINE BIOL //ECOLOGY	DEU	1.827	1.730	1	1	2
1031	MEDICAL MICROBIOLOGY AND IMMUNOLOGY	MICROBIOL //IMMUNOL	DEU	1.723	1.587	0	2	2
1032	MICROBIOLOGICA (PAVIA)	MICROBIOL	ITA	0.237	0.324	2	0	2
1033	MICROGRAVITY SCIENCE AND TECHNOLOGY	PHYSICS	DEU	0.000	0.000	1	1	2
1034	MOLECULAR IMMUNOLOGY	IMMUNOL //BIOCHEM	UKD	2.059	2.037	1	1	2
1035	MOLECULAR REPRODUCTION AND DEVELOPMENT	REPROD SYS //DEV BIOL //BIOCHEM	USA	2.425	2.003	1	1	2
1036	MOSQUITO BORNE DISEASES BULLETIN	PUB HEALTH //TROP DIS	THA	0.000	0.000	1	1	2
1037	NATURE (LONDON)	MULTIDIS SCI	UKD	25.466	22.139	1	1	2
1038	NAUNYN-SCHMIEDEBERG'S ARCHIVES OF PHARMACOLOGY	PHARMACOL	DEU	0.000	0.000	1	1	2
1039	NEMATROPICA	ZOOLOGY	USA	0.214	0.368	2	0	2
1040	NEUROBIOLOGY OF AGING	NEUROSCI	UKD	3.101	3.527	0	2	2
1041	NEUROLOGICAL RESEARCH	NEUROSCI	USA	0.697	0.000	0	2	2
1042	NEUROSCIENCE RESEARCH	NEUROSCI	NLD	2.141	1.978	0	2	2
1043	NEWSLETTERS ON STRATIGRAPHY	GEOLOGY	DEU	0.000	0.000	0	2	2
1044	NUCLEAR TRACKS AND RADIATION MEASUREMENTS	NUCL SCI	UKD	0.334	0.285	0	2	2
1045	ONLINE JOURNAL OF CURRENT CLINICAL TRIALS	MED, GEN	USA	0.000	0.000	1	1	2
1046	OPHTHALMOLOGY	OPHTHALMOL	USA	2.083	2.142	1	1	2
1047	ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY	PATHOL //SURGERY //DENTISTRY	USA	0.703	0.601	1	1	2

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1048	PALAEONTOGRAPHICA ABTEILUNG B PALAEOPHYTOLOGIE	PALEONTOL	DEU	0.000	0.000	1	1	2
1049	PALAEONTOLOGISCHE ZEITSCHRIFT	PALEONTOL	DEU	0.000	0.000	1	1	2
1050	PANCREAS	ENDOCR //PHYSIOL	USA	1.377	0.967	2	0	2
1051	PARASITOLOGIA HUNGARICA	PARASITOL	HUN	0.000	0.000	1	1	2
1052	PARASITOLOGY RESEARCH	PARASITOL	DEU	0.898	0.928	0	2	2
1053	PEDIATRIC HEMATOLOGY AND ONCOLOGY	PEDIAT //ONCOL //HEMATOL	USA	0.659	0.650	0	2	2
1054	PEDIATRIC INFECTIOUS DISEASE JOURNAL	PEDIAT //INFECT DIS	USA	1.729	1.580	0	2	2
1055	PEDIATRIC NEUROSURGERY	PEDIAT //NEUROSCI //SURGERY	CHE	0.532	0.449	1	1	2
1056	PEDIATRIC RADIOLOGY	RADIOL //PEDIATRICS	USA	0.458	0.544	2	0	2
1057	PERCEPTUAL AND MOTOR SKILLS	PSYCHOL	USA	0.000	0.000	0	2	2
1058	PERIODICUM BIOLOGORUM	BIOLOGY	CRO	0.000	0.118	0	2	2
1059	PERSONALITY AND INDIVIDUAL DIFFERENCES	PSYCHOL	UKD	0.000	0.000	2	0	2
1060	PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY	BIOCHEM //PHYSIOL //ENTOMOL	USA	1.851	1.526	1	1	2
1061	PHARMACEUTICAL RESEARCH (NEW YORK)	PHARMACOL	DEU	1.838	1.810	0	2	2
1062	PHYTOCHEMICAL ANALYSIS	BIOCHEM //CHEM, ANAL // PLANT SCI	UKD	1.395	0.000	1	1	2
1063	PHYTOPHYLACTICA	PLANT SCI	ZAF	0.000	0.000	1	1	2
1064	PLANT PHYSIOLOGY (ROCKVILLE)	PLANT SCI	USA	3.542	2.925	5	2	7
1065	PREPARATIVE BIOCHEMISTRY	BIOCHEM	USA	0.436	0.262	1	1	2
1066	PREVENTIVE VETERINARY MEDICINE	VET SCI	NLD	0.555	0.421	1	1	2
1067	PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES EARTH AND PLANETARY SCIENCES	GEOSCI	IND	0.000	0.000	1	1	2
1068	PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY	NEUROSCI //PHARMACOL //PSYCHIAT	UKD	1.141	0.946	1	1	2
1069	PROTEIN EXPRESSION AND PURIFICATION	BIOCHEM //BIOMETHODS	USA	1.822	0.000	0	2	2
1070	PROTEIN SEQUENCES & DATA ANALYSIS	BIOCHEM	DEU	0.000	0.000	1	1	2
1071	PROTEINS STRUCTURE FUNCTION AND GENETICS	BIOCHEM	USA	0.000	0.000	0	2	2
1072	PSYCHOPHARMACOLOGY	NEUROSCI //PHARMACOL //PSYCHIAT	DEU	2.549	2.769	1	1	2
1073	RADIOLOGY	RADIOL	USA	3.800	3.307	1	1	2
1074	REGIONAL ANESTHESIA	ANESTHES	USA	0.873	0.938	0	2	2
1075	RENAL FAILURE	UROL NEPH	USA	0.448	0.185	0	2	2
1076	REPRODUCTION FERTILITY AND DEVELOPMENT	REPROD SYS //DEV BIOL	AUS	0.806	1.493	2	0	2

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1077	REPRODUCTION NUTRITION DEVELOPMENT	REPROD SYS //NUTRI DIET //DEV BIOL	FRA	0.549	0.579	1	1	2
1078	RESEARCH COMMUNICATIONS IN CHEMICAL PATHOLOGY AND PHARMACOLOGY	PHARMACOL //PATHOL	USA	0.780	0.599	0	2	2
1079	RESEARCH IN MICROBIOLOGY	MICROBIOL	FRA	1.720	1.840	2	0	2
1080	RESPIRATION	RESP SYS	CHE	0.489	0.301	2	0	2
1081	RETINA	OPHTHALMOL	USA	0.000	0.000	1	1	2
1082	REVISTA IBEROAMERICANA DE MICOLOGIA	MYCOLOGY	ESP	0.000	0.000	1	1	2
1083	REVUE D'ECOLOGIE ET DE BIOLOGIE DU SOL	ECOLOGY //BIOLOGY	FRA	0.000	0.000	2	0	2
1084	REVUE ROUMAINE DE BIOCHIMIE	BIOCHEM	ROM	0.000	0.000	2	0	2
1085	RIVISTA DI IDROBIOLOGIA	ENV SCI	ITA	0.000	0.000	0	2	2
1086	SCANDINAVIAN JOURNAL OF CLINICAL AND LABORATORY INVESTIGATION	MED, RES	NOR	0.739	0.652	2	0	2
1087	SCANDINAVIAN JOURNAL OF IMMUNOLOGY	IMMUNOL	NOR	1.679	2.291	0	2	2
1088	SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES	INFECT DIS	SWE	1.093	1.043	1	1	2
1089	SELECTIVE CANCER THERAPEUTICS	ONCOL //PHARMACOL	USA	0.000	0.846	2	0	2
1090	SINGAPORE MEDICAL JOURNAL	MED, GEN	SGP	0.000	0.000	0	2	2
1091	SOUTH AFRICAN JOURNAL OF BOTANY	PLANT SCI	ZAF	0.169	0.240	1	1	2
1092	SYDOWIA	PLANT SCI	AUT	0.000	0.000	1	1	2
1093	TAIWANIA	PLANT SCI	TWN	0.000	0.000	1	1	2
1094	TERATOGENESIS CARCINOGENESIS AND MUTAGENESIS	GENETICS //TOXICOL //ONCOL	USA	0.780	0.732	1	1	2
1095	THEORETICAL AND APPLIED CLIMATOLOGY	METEOR , ATMOS SCI	DEU	0.357	0.470	0	2	2
1096	TOXICOLOGY AND INDUSTRIAL HEALTH	TOXICOL	USA	0.532	0.305	0	2	2
1097	TROPICAL GRASSLANDS	AGRICUL //AGRI, DAIRY	AUS	0.139	0.161	0	2	2
1098	TROPICAL MEDICINE AND PARASITOLOGY	PARASITOL //TROP MED	DEU	0.730	0.755	1	1	2
1099	TUBERCLE	RESP SYS	UKD	0.000	0.000	2	0	2
1100	ZEITSCHRIFT FUER LEBENSMITTEL-UNTERSUCHUNG UND -FORSCHUNG	FOOD SCI	DEU	0.796	0.927	0	2	2
1101	ZEITSCHRIFT FUER PFLANZENERNAEHRUNG UND BODENKUNDE	PLANT SCI	DEU	0.474	0.270	2	0	2
1102	ACTA BIOLOGICA CRACOVENSIA SERIES BOTANICA	PLANT SCI	POL	0.000	0.071	1	0	1
1103	ACTA BIOLOGICA HUNGARICA	BIOLOGY	HUN	0.000	0.227	0	1	1
1104	ACTA BOTANICA CROATICA	PLANT SCI	COR	0.000	0.000	1	0	1
1105	ACTA CRYSTALLOGRAPHICA SECTION B STRUCTURAL SCIENCE	CRYSTAL	DEN	1.507	1.802	1	0	1
1106	ACTA MANILANA	MULTIDIS SCI	PHL	0.000	0.000	0	1	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
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1107	ACTA MEDICA OKAYAMA	MED, RES	JPN	0.269	0.185	0	1	1
1108	ACTA OBSTETRICIA ET GYNECOLOGICA SCANDINAVICA	OBST GYNE	DEN	0.767	0.931	0	1	1
1109	ACTA PAEDIATRICA JAPONICA (OVERSEAS EDITION)	PEDIAT	JPN	0.604	0.000	1	0	1
1110	ACTA PHARMACEUTICA JUGOSLAVICA	PHARMACOL	COR	0.000	0.000	1	0	1
1111	ACTA PHARMACOLOGICA SINICA	PHARMACOL	PRC	0.322	0.297	1	0	1
1112	ACTA PHYTOPATHOLOGICA ET ENTOMOLOGICA HUNGARICA	PLANT SCI	HUN	0.165	0.070	0	1	1
1113	ACTA UNIVERSITATIS SZEGEDIENSIS ACTA BIOLOGICA	BIOLOGY	HUN	0.000	0.000	1	0	1
1114	ADDICTION	SUB ABUSE //PSYCHIAT	UKD	1.238	0.000	0	1	1
1115	ADDICTIVE BEHAVIORS	SUB ABUSE	USA	0.000	0.000	0	1	1
1116	ADVANCES IN CONTRACEPTION	OBST GYNE	NLD	0.000	0.000	1	0	1
1117	AGE AND AGEING	GERIATRICS	UKD	1.596	1.320	0	1	1
1118	AGRI-PRACTICE	AGRI, DAIRY //VET SCI	USA	0.181	0.141	0	1	1
1119	AGRICULTURAL AND FOREST METEOROLOGY	METEOR, ATMOS SCI //AGRICUL //FORESTRY	NLD	1.169	1.130	1	0	1
1120	AGRONOMIE (PARIS)	AGRICUL	FRA	0.421	0.257	1	0	1
1121	AGRONOMY JOURNAL	AGRICUL	USA	0.686	0.840	0	1	1
1122	AIDS (PHILADELPHIA)	IMMUNOL //INFECT DIS	USA	5.294	6.089	0	1	1
1123	AJNR (AMERICAN JOURNAL OF NEURORADIOLOGY]	NEUROSCI //RADIOL	USA	1.733	2.059	1	0	1
1124	ALCOHOL	SUB ABUSE //PHARMACOL //TOXICOL	USA	1.373	1.500	0	1	1
1125	ALCOHOLISM CLINICAL AND EXPERIMENTAL RESEARCH	SUB ABUSE	UKD	2.065	1.961	0	1	1
1126	ALIMENTARY PHARMACOLOGY & THERAPEUTICS	PHARMACOL //GASTRO	UKD	2.110	1.271	0	1	1
1127	ALLERGY (COPENHAGEN)	ALLERGY	DEN	1.567	0.974	0	1	1
1128	AMBIO	ENV SCI //ENG, ENV	SWE	1.232	1.071	0	1	1
1129	AMERICAN INDUSTRIAL HYGIENE ASSOCIATION JOURNAL	PUB HEALTH	USA	0.735	0.480	0	1	1
1130	AMERICAN JOURNAL OF BOTANY	PLANT SCI	USA	1.776	1.602	1	0	1
1131	AMERICAN JOURNAL OF EPIDEMIOLOGY	PUB HEALTH	USA	3.482	3.135	1	0	1
1132	AMERICAN JOURNAL OF HUMAN GENETICS	GENETICS	USA	8.598	9.076	1	0	1
1133	AMERICAN JOURNAL OF NEPHROLOGY	UROL NEPH	USA	0.961	1.241	0	1	1
1134	AMERICAN JOURNAL OF PHYSIOLOGY	PHYSIOL	USA	3.276	3.269	0	1	1
1135	AMERICAN JOURNAL OF PSYCHIATRY	PSYCHIAT	USA	4.570	4.824	1	0	1
1136	AMERICAN JOURNAL OF PSYCHOTHERAPY	PSYCHIAT //PSYCHOL	USA	0.864	0.303	0	1	1

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1137	AMERICAN JOURNAL OF PUBLIC HEALTH	PUB HEALTH	USA	2.776	2.385	1	0	1
1138	AMERICAN REVIEW OF RESPIRATORY DISEASE	RESP SYS	USA	4.901	5.172	1	0	1
1139	ANALYSIS	CHEM, ANAL	FRA	0.588	0.418	1	0	1
1140	ANALYTICAL CHEMISTRY	CHEM, ANAL	USA	4.609	4.494	1	0	1
1141	ANALYTICAL PROCEEDINGS	CHEM, ANAL	UKD	0.000	0.000	0	1	1
1142	ANIMAL GENETICS	GENETICS //VET SCI	UKD	2.151	1.241	0	1	1
1143	ANNALES DE GENETIQUE	GENETICS	FRA	0.467	0.755	0	1	1
1144	ANNALI DI CHIMICA	CHEMISTRY	ITA	0.436	0.336	0	1	1
1145	ANNALS OF ALLERGY	ALLERGY	USA	0.970	1.068	1	0	1
1146	ANNALS OF CLINICAL BIOCHEMISTRY	BIOCHEM // CHEM, CLIN	UKD	1.182	1.161	1	0	1
1147	ANNALS OF EMERGENCY MEDICINE	CRITICAL CARE	USA	0.621	0.842	1	0	1
1148	ANNALS OF SAUDI MEDICINE	MED, GEN	SAU	0.115	0.069	1	0	1
1149	ANNALS OF THE MISSOURI BOTANICAL GARDEN	PLANT SCI	USA	3.337	0.592	0	1	1
1150	ANNALS OF THE PHYTOPATHOLOGICAL SOCIETY OF JAPAN	PLANT SCI	JPN	0.000	0.000	0	1	1
1151	ANNALS OF THE RHEUMATIC DISEASES	RHEUMATOL	UKD	1.924	1.836	1	0	1
1152	APEX (BRUSSELS)	*****	BGD	0.000	0.000	0	1	1
1153	APPLIED ANIMAL BEHAVIOUR SCIENCE	AGRI, DAIRY	NLD	0.718	0.766	1	0	1
1154	APPLIED ENTOMOLOGY AND ZOOLOGY	ENTOMOL	JPN	0.302	0.229	0	1	1
1155	ARCHIV FUER PROTISTENKUNDE	BIOLOGY	DEU	0.554	0.481	1	0	1
1156	ARCHIVES D'ANATOMIE D'HISTOLOGIE ET D'EMBRYOLOGIE	ANATOMY	DEU	0.000	0.000	0	1	1
1157	ARCHIVES OF GYNECOLOGY AND OBSTETRICS	OBST GYNE	DEU	0.054	0.063	1	0	1
1158	ARCHIVES OF INTERNAL MEDICINE	MED, GEN	USA	4.137	3.313	1	0	1
1159	ARCHIVIO ITALIANO DI ANATOMIA E DI EMBRIOLOGIA	ANATOMY	ITA	0.000	0.000	1	0	1
1160	ARCHIVUM IMMUNOLOGIAE ET THERAPIAE EXPERIMENTALIS	IMMUNOL	POL	0.000	0.000	1	0	1
1161	ARTHRITIS AND RHEUMATISM	RHEUMATOL	USA	6.298	5.585	0	1	1
1162	ASEAN FOOD JOURNAL	FOOD SCI	MYS	0.000	0.000	0	1	1
1163	ATHEROSCLEROSIS	CARDIOVASC	NLD	3.095	2.919	1	0	1
1164	ATMOSPHERIC RESEARCH	METEOR , ATMOS SCI	USA	0.000	0.000	1	0	1
1165	ATOLL RESEARCH BULLETIN	MULTIDIS SCI	USA	0.000	0.000	0	1	1
1166	ATOMIC SPECTROSCOPY	SPECTROSCOPY	USA	0.828	2.222	0	1	1
1167	AUK	ORNITHOLOGY	USA	0.964	1.179	0	1	1
1168	AUSTRALIAN AND NEW ZEALAND JOURNAL OF MEDICINE	MED, GEN	AUS	1.000	1.000	0	1	1
1169	AUSTRALIAN AND NEW ZEALAND JOURNAL OF SURGERY	SURGERY	AUS	0.416	0.350	1	0	1
1170	AUSTRALIAN DENTAL JOURNAL	DENTISTRY	AUS	0.323	0.167	1	0	1

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1171	AUSTRALIAN JOURNAL OF CHEMISTRY	CHEMISTRY	AUS	0.903	1.018	1	0	1
1172	AUSTRALIAN VETERINARY JOURNAL	VET SCI	AUS	0.418	0.424	0	1	1
1173	BANGLADESH JOURNAL OF MICROBIOLOGY	MICROBIOL	BGD	0.000	0.000	1	0	1
1174	BAT RESEARCH NEWS	ZOOLOGY	USA	0.000	0.000	0	1	1
1175	BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY	ZOOLOGY //BEHAV SCI	USA	1.850	1.514	1	0	1
1176	BEHAVIOURAL BRAIN RESEARCH	NEUROSCI	NLD	1.563	1.854	1	0	1
1177	BEITRAEGE ZUR ENTOMOLOGIE	ENTOMOL	DEU	0.000	0.000	1	0	1
1178	BELGIAN JOURNAL OF BOTANY	PLANT SCI	BEL	0.137	0.029	1	0	1
1179	BIOCHEMICAL MEDICINE AND METABOLIC BIOLOGY	MED, RES //BIOCHEM	USA	0.826	0.632	1	0	1
1180	BIOCHIMIE (PARIS)	BIOCHEM	FRA	1.635	1.627	0	1	1
1181	BIOCONJUGATE CHEMISTRY	BIOCHEM //CHEMISTRY	USA	2.420	0.000	0	1	1
1182	BIODEGRADATION	ENV SCI // BIOLOGY	NLD	0.000	0.000	0	1	1
1183	BIOFEEDBACK AND SELF-REGULATION	PHYSIOL	USA	0.000	0.000	0	1	1
1184	BIOLOGICAL & PHARMACEUTICAL BULLETIN	PHARMACOL	JPN	0.730	0.000	0	1	1
1185	BIOLOGICAL CHEMISTRY HOPPE-SEYLER	BIOCHEM	DEU	1.632	1.839	1	0	1
1185	BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY	BIOLOGY	UKD	0.971	1.158	0	1	1
1186	BIOLOGY OF REPRODUCTION	REPROD SYS	USA	2.666	3.257	0	1	1
1187	BIOLOGY OF THE NEONATE	PEDIAT	CHE	0.757	0.665	0	1	1
1188	BIOMEDICA BIOCHIMICA ACTA	MED, GEN //BIOCHEM	DEU	0.000	0.000	1	0	1
1189	BIOMETRICS	STAT & PROB	USA	1.207	1.027	0	1	1
1190	BIOORGANIC CHEMISTRY	CHEM, ORG //BIOCHEM	USA	1.342	1.440	0	1	1
1191	BIOPHARMACEUTICS & DRUG DISPOSITION	PHARMACOL //BIOCHEM	UKD	0.809	0.595	0	1	1
1192	BIOSCIENCE REPORTS	BIOCHEM	UKD	0.872	1.127	0	1	1
1193	BIOTECHNOLOGY ADVANCES	BIOTECH	UKD	0.455	0.667	1	0	1
1194	BIOTROPICA	BIOLOGY //ECOLOGY	USA	0.872	0.638	0	1	1
1195	BIRD BEHAVIOUR	ORNITHOLOGY	USA	0.000	0.000	0	1	1
1196	BLOOD COAGULATION & FIBRINOLYSIS	HEMATOL	DEU	1.638	0.000	1	0	1
1197	BOTANISCHE JAHRBUCHER FUER SYSTEMATIK PFLANZENGESCHICHTE UND PFLANZENGEOGRAPHIE	PLANT SCI	DEU	0.000	0.000	1	0	1
1198	BRAIN BEHAVIOR AND EVOLUTION	NEUROSCI	CHE	1.417	1.549	0	1	1
1199	BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH	MED, RES //BIOLOGY	BRA	0.296	0.389	0	1	1
1200	BRITISH JOURNAL OF AUDIOLOGY	OTORHINOL	UKD	0.770	0.000	0	1	1
1201	BRITISH JOURNAL OF CLINICAL PHARMACOLOGY	PHARMACOL	UKD	1.922	1.733	1	0	1

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1202	BRITISH JOURNAL OF CLINICAL PSYCHOLOGY	PSYCHOL	UKD	0.000	0.000	0	1	1
1203	BRITISH JOURNAL OF RADIOLOGY	RADIOL	UKD	0.766	0.671	1	0	1
1204	BRITISH PHYCOLOGICAL JOURNAL	PLANT SCI	UKD	0.844	0.971	1	0	1
1205	BULLETIN DE LA SOCIETE BOTANIQUE DE FRANCE LETTRES BOTANIQUES	PLANT SCI	FRA	0.156	0.119	1	0	1
1206	BULLETIN DU CANCER (PARIS)	ONCOL	FRA	0.467	0.348	0	1	1
1207	BULLETIN OF MATHEMATICAL BIOLOGY	BIOL, MISC //MATH, MISC	UKD	1.346	0.875	1	0	1
1208	BULLETIN OF THE BRITISH ORNITHOLOGISTS' CLUB	ORNITHOLOGY	UKD	0.000	0.000	0	1	1
1209	BULLETIN OF TOHOKU NATIONAL FISHERIES RESEARCH INSTITUTE	FISHERIES	JPN	0.000	0.000	0	1	1
1210	BULLETIN ON NARCOTICS	SUB ABUSE	CHE	0.000	0.000	0	1	1
1211	CAFE CACAO THE	AGRICUL	FRA	0.104	0.220	1	0	1
1212	CANADIAN JOURNAL OF CARDIOLOGY	CARDIOVASC	CAN	0.399	0.386	1	0	1
1213	CANADIAN JOURNAL OF OPHTHALMOLOGY	OPHTHALMOL	UKD	0.271	0.192	1	0	1
1214	CARCINOGENESIS (OXFORD)	ONCOL	UKD	2.904	2.984	2	1	3
1215	CELL CALCIUM	CELL BIOL	UKD	4.113	5.086	0	1	1
1216	CEREAL FOODS WORLD	FOOD SCI	NLD	0.366	0.509	1	0	1
1217	CHEMISTRY AND PHYSICS OF LIPIDS	BIOCHEM	NLD	1.281	1.512	0	1	1
1218	CHROMATOGRAPHIA	CHEM, ANAL	DEU	1.885	1.573	1	0	1
1219	CHROMOSOMA (BERLIN)	GENETICS	DEU	2.513	2.633	0	1	1
1220	CIRCULATION RESEARCH	HEMATOL //CARDIOVASC	CAN	6.971	5.105	1	0	1
1221	CLINICAL BIOCHEMISTRY	BIOCHEM //CHEM, CLIN	USA	0.833	1.108	1	0	1
1222	CLINICAL IMAGING	RADIOL	UKD	0.237	0.168	1	0	1
1223	CLINICAL NUTRITION (EDINBURGH)	NUTRI DIET	UKD	1.093	0.507	0	1	1
1224	CLINICAL PHYSICS AND PHYSIOLOGICAL MEASUREMENT	BIOPHYS //ENG, BIOM //PHYSIOL	UKD	0.795	0.475	0	1	1
1225	CLINICAL SCIENCE (LONDON)	MED, RES	UKD	2.171	2.042	0	1	1
1226	COLEOPTERISTS BULLETIN	ENTOMOL	USA	0.056	0.040	0	1	1
1227	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A COMPARATIVE PHYSIOLOGY	PHYSIOL //BIOCHEM	USA	0.640	0.623	0	1	1
1228	COMPREHENSIVE PSYCHIATRY	PSYCHIAT	USA	1.273	1.445	0	1	1
1229	COMPUTERS & CHEMISTRY	CHEMISTRY //COMPUT SCI	USA	1.380	0.868	1	0	1
1230	COMPUTERS AND BIOMEDICAL RESEARCH	ENG, BIOM //COMPUTER SCI	USA	1.051	0.792	0	1	1
1231	CONTEMPORARY ORTHOPAEDICS	ORTHOPEd	USA	0.000	0.000	0	1	1
1232	CONTROLLED CLINICAL TRIALS	MED, RES	USA	1.611	1.187	0	1	1
1233	CORAL REEFS	MARINE BIOL	DEU	0.895	2.508	1	0	1
1234	CRETACEOUS RESEARCH	PALEONTOL //GEOLOGY	UKD	0.418	0.000	0	1	1

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1235	CRYO LETTERS	BIOL, MISC //PHYSIOL	UKD	0.685	1.080	0	1	1
1236	CRYPTOGAMIE BRYOLOGIE ET LICHENOLOGIE	PLANT SCI	FRA	0.156	0.137	0	1	1
1237	CURRENT ANTHROPOLOGY	ANTHROPOL	USA	0.000	0.000	0	1	1
1238	CURRENT GENETICS	GENETICS	DEU	2.217	2.420	0	1	1
1239	CYBERNETICA	COMPUTER SCI	BEL	0.106	0.140	0	1	1
1240	CYTOMETRY	CELL BIOL //BIOMETH	USA	3.434	3.005	0	1	1
1241	DEEP-SEA RESEARCH PART II TOPICAL STUDIES IN OCEANOGRAPHY	OCEAN	UKD	1.029	1.916	0	1	1
1242	DEVELOPMENT (CAMBRIDGE)	DEV BIOL	UKD	8.064	6.456	0	1	1
1243	DEVELOPMENTAL BRAIN DYSFUNCTION	NEUROSCI	CHE	0.000	0.000	0	1	1
1244	DEVELOPMENTAL NEUROSCIENCE	NEUROSCI	CHE	0.613	0.727	0	1	1
1245	DEVELOPMENTAL PHARMACOLOGY AND THERAPEUTICS	PHARMACOL	CHE	0.294	0.576	0	1	1
1246	DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE	MICROBIOL //INFECT DIS	USA	0.971	1.064	0	1	1
1247	DIFFERENTIATION	DEV BIOL //CELL BIOL	UKD	2.352	2.206	1	0	1
1248	DIGESTIVE DISEASES AND SCIENCES	GASTRO	USA	1.749	1.589	1	0	1
1249	DIGESTIVE SURGERY	SURGERY//GASTRO	CHE	0.000	0.000	1	0	1
1250	DNA AND CELL BIOLOGY	CELL BIOL //BIOCHEM //GENETICS	USA	4.612	5.385	0	1	1
1251	DOMESTIC ANIMAL ENDOCRINOLOGY	VET SCI //ENDOCR	USA	1.063	1.145	0	1	1
1252	DRUGS OF TODAY	PHARMACOL	ESP	0.000	0.000	0	1	1
1253	DRUGS UNDER EXPERIMENTAL AND CLINICAL RESEARCH	PHARMACOL	CHE	0.345	0.463	1	0	1
1254	ECOLOGY	ECOLOGY	USA	2.818	2.628	0	1	1
1255	EDINBURGH JOURNAL OF BOTANY	PLANT SCI	UKD	0.000	0.000	1	0	1
1256	EGYPTIAN JOURNAL OF SOIL SCIENCE	AGRI, SOIL	EGY	0.000	0.000	1	0	1
1257	ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY	NEUROSCI	NLD	1.617	1.872	0	1	1
1258	ELECTROPHORESIS	BIOMETHODS	DEU	2.274	2.159	0	1	1
1259	ELYTRON (BARCELONA)	ENTOMOL	ESP	0.000	0.000	0	1	1
1260	ENDOCRINOLOGIA JAPONICA	ENDOCR	JPN	0.000	0.351	1	0	1
1261	ENDOSCOPY	GASTRO //SURGERY	DEU	2.096	1.988	1	0	1
1262	ENTOMOLOGIA HELLENICA	ENTOMOL	SWE	0.000	0.000	1	0	1
1263	ENTOMOLOGISK TIDSKRIFT	ENTOMOL	SWE	0.000	0.000	1	0	1
1264	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	ENV SCI //PUB HEALTH //ENG, ENV	UKD	0.432	0.517	0	1	1
1265	ENVIRONMENTAL GEOLOGY AND WATER SCIENCES	WATER RES //ENV SCI// GEOSCI	USA	0.000	0.536	0	1	1
1266	ENVIRONMENTAL HEALTH PERSPECTIVES	PUB HEALTH //ENV SCI	USA	1.217	1.213	0	1	1
1267	ENVIRONMENTAL MANAGEMENT	ENV SCI	USA	0.477	0.776	1	0	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
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1268	ENVIRONMENTAL TOXICOLOGY AND WATER QUALITY	TOXICOL //ENV SCI //WATER RES	USA	0.522	0.514	1	0	1
1269	ERGONOMICS	ERGONOMICS	UKD	0.681	0.435	0	1	1
1270	ESTUARIES	ENV SCI //MARINE BIOL	USA	0.793	0.676	0	1	1
1271	ESTUARINE COASTAL AND SHELF SCIENCE	OCEAN //MARINE BIOL	UKD	0.836	0.914	1	0	1
1272	ETHIOPIAN MEDICAL JOURNAL	MED, GEN	ETH	0.083	0.032	0	1	1
1273	ETHOLOGY ECOLOGY & EVOLUTION	ZOOLOGY //BEHAV SCI	ITA	0.323	0.367	0	1	1
1274	EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE	PSYCHIAT //NEUROSCI	DEU	1.483	0.919	0	1	1
1275	EUROPEAN JOURNAL OF CELL BIOLOGY	CELL BIOL	DEU	2.662	2.595	1	0	1
1276	EUROPEAN JOURNAL OF CLINICAL CHEMISTRY AND CLINICAL BIOCHEMISTRY	BIOCHEM //CHEM, CLIN	DEU	0.867	0.602	1	0	1
1277	EUROPEAN JOURNAL OF CLINICAL INVESTIGATION	MED, RES //MED, GEN	UKD	2.224	1.990	0	1	1
1278	EUROPEAN JOURNAL OF HAEMATOLOGY	HEMATOL	DEN	1.836	1.364	1	0	1
1279	EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY	REPROD SYS //OBST GYNE	NLD	0.423	0.449	0	1	1
1280	EUROPEAN JOURNAL OF PEDIATRICS	PEDIAT	DEU	0.963	0.961	0	1	1
1281	EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES	PHARMACOL	NLD	0.684	0.000	0	1	1
1282	EUROPEAN JOURNAL OF PHARMACOLOGY ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY SECTION	PHARMACOL //TOXICOL	NLD	0.000	0.000	0	1	1
1283	EUROPEAN JOURNAL OF PLASTIC SURGERY	SURGERY	DEU	0.000	0.000	1	0	1
1284	EUROPEAN JOURNAL OF PROTISTOLOGY	MICROBIOL	DEU	0.978	1.021	1	0	1
1285	EVOLUTIONARY TRENDS IN PLANTS	PLANT SCI //GENETICS	UKD	0.640	1.067	0	1	1
1286	EXPERIMENTAL BRAIN RESEARCH	NEUROSCI	DEU	2.227	2.344	1	0	1
1287	EXPERIMENTAL MYCOLOGY	PLANT SCI //MYCOLOGY	USA	1.736	1.506	1	0	1
1288	EXPERIMENTAL PHYSIOLOGY	PHYSIOL	UKD	1.556	1.372	0	1	1
1289	FASEB (FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY) JOURNAL	BIOLOGY //BIOCHEM //MULTIDIS SCI	USA	15.115	18.213	0	1	1
1290	FAUNISTISCHE ABHANDLUNGEN (DRESDEN)	ZOOLOGY	DEU	0.000	0.000	0	1	1
1291	FERN GAZETTE	PLANT SCI	UKD	0.000	0.000	0	1	1
1292	FETT WISSENSCHAFT TECHNOLOGIE	CHEM, APPL //FOOD SCI	DEU	0.537	0.510	0	1	1
1293	FOLIA PRIMATOLOGICA	ZOOLOGY	CHE	0.373	0.631	1	0	1
1294	FOOD REVIEWS INTERNATIONAL	FOOD SCI //NUTRI DIET	USA	0.417	0.000	1	0	1

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1295	FRONTIERS OF MEDICAL AND BIOLOGICAL ENGINEERING	ENG, BIOM	POL	0.000	0.000	0	1	1
1296	FRUIT SCIENCE REPORTS (SKIERNIEWICE)	HORTICUL	POL	0.000	0.000	0	1	1
1297	FUNDAMENTAL AND APPLIED TOXICOLOGY	TOXICOL	USA	1.583	1.199	0	1	1
1298	GARCIA DE ORTA SERIE DE ZOOLOGIA	ZOOLOGY	PRT	0.000	0.000	1	0	1
1299	GASTROINTESTINAL ENDOSCOPY	GASTRO // SURGERY	USA	3.564	3.313	1	0	1
1300	GENETICAL RESEARCH	GENETICS	UKD	1.943	1.652	0	1	1
1301	GEOCHIMICA ET COSMOCHIMICA ACTA	GEOSCI	UKD	2.831	2.871	0	1	1
1302	GEOMICROBIOLOGY JOURNAL	GEOSCI //MICROBIOL	UKD	0.362	0.552	1	0	1
1303	GERFAUT	ORNITHOL	BEL	0.000	0.000	0	1	1
1304	GROUND WATER	GEOSCI //WATER RES	USA	1.160	1.362	0	1	1
1305	GYNECOLOGIC AND OBSTETRIC INVESTIGATION	OBST GYNE	CHE	0.450	0.398	1	0	1
1306	HANZAIGAKU ZASSHI	PSYCHOL	JPN	0.000	0.000	1	0	1
1307	HEADACHE	NEUROSCI	USA	1.563	1.735	1	0	1
1308	HEREDITY	GENETICS	UKD	1.457	1.236	1	0	1
1309	HIKOBIA	PLANT SCI	JPN	0.000	0.000	1	0	1
1310	HISTOPATHOLOGY (OXFORD)	CELL BIOL //PATHOL	UKD	1.829	1.609	0	1	1
1311	HOMO	ANTHROPOL	DEU	0.000	0.000	0	1	1
1312	HUMAN ECOLOGY	ECOLOGY	USA	0.000	0.000	1	0	1
1313	HUMAN IMMUNOLOGY	IMMUNOL	USA	2.956	3.511	0	1	1
1314	HUMAN MOVEMENT SCIENCE	PHYSIOL //ERGONOMICS	NLD	0.000	0.000	0	1	1
1315	HUMAN PATHOLOGY	PATHOL	USA	3.101	2.716	0	1	1
1316	INDIAN JOURNAL OF NATURAL PRODUCTS	CHEM, ORG	IND	0.000	0.000	1	0	1
1317	INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY	INFECT DIS	JPN	1.515	1.416	1	0	1
1318	INSECTA MATSUMURANA	ENTOMOL	JPN	0.000	0.000	0	1	1
1319	INTERNATIONAL ANGIOLOGY	CARDIOVASC	ITA	0.465	0.126	0	1	1
1320	INTERNATIONAL IMMUNOLOGY	IMMUNOL	UKD	4.185	3.841	0	1	1
1321	INTERNATIONAL JOURNAL OF ACAROLOGY	ENTOMOL	USA	0.000	0.000	0	1	1
1322	INTERNATIONAL JOURNAL OF CHEMICAL KINETICS	CHEM, PHYS	USA	1.298	1.582	1	0	1
1323	INTERNATIONAL JOURNAL OF CLINICAL MONITORING AND COMPUTING	COMPUTER SCI //MED, LAB	USA	0.375	0.231	0	1	1
1324	INTERNATIONAL JOURNAL OF COSMETIC SCIENCE	MED, LAB	UKD	0.000	0.000	0	1	1
1325	INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE	NEUROSCI	UKD	1.557	1.748	0	1	1
1326	INTERNATIONAL JOURNAL OF FETO-MATERNAL MEDICINE	OBST GYNE	DEU	0.000	0.000	0	1	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
1327	INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY	PHARMACOL //IMMUNOL //PATHOL	ITA	0.326	0.000	0	1	1
1328	INTERNATIONAL JOURNAL OF OBESITY	NUTRI DIET //ENDOCR	UKD	1.568	1.607	1	0	1
1329	INTERNATIONAL JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY	DENTISTRY	DEN	1.187	0.950	1	0	1
1330	INTERNATIONAL JOURNAL OF SPELEOLOGY	GEOLOGY	ITA	0.000	0.000	0	1	1
1331	INTERNATIONAL JOURNAL OF SYSTEMATIC BACTERIOLOGY	MICROBIOL	USA	3.436	2.960	1	0	1
1332	INVESTIGATIONS ON CETACEA	PLANT SCI	CHE	0.000	0.000	0	1	1
1333	IRISH JOURNAL OF FOOD SCIENCE AND TECHNOLOGY	FOOD SCI	IRE	0.000	0.231	1	0	1
1334	IRRIGATION AND DRAINAGE SYSTEMS	WATER RES //AGRICUL	NLD	0.000	0.000	0	1	1
1335	ISRAEL JOURNAL OF BOTANY	PLANT SCI	ISR	0.190	0.438	0	1	1
1336	ITALIAN JOURNAL OF BIOCHEMISTRY (ENGLISH EDITION)	BIOCHEM	ITA	0.379	0.452	0	1	1
1337	ITALIAN JOURNAL OF GASTROENTEROLOGY	GASTRO	ITA	0.451	0.514	0	1	1
1338	ITALIAN JOURNAL OF NEUROLOGICAL SCIENCES	NEUROSCI	ITA	0.339	0.188	0	1	1
1339	JAMA (JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION)	MED, GEN	USA	6.863	5.560	1	0	1
1340	JAPANESE HEART JOURNAL	CARDIOVASC	JPN	0.289	0.256	0	1	1
1341	JAPANESE JOURNAL OF BREEDING	AGRICUL //PLANT SCI	JPN	0.306	0.356	1	0	1
1342	JAPANESE JOURNAL OF CLINICAL ONCOLOGY	ONCOL	JPN	0.485	0.297	0	1	1
1343	JAPANESE JOURNAL OF CROP SCIENCE	AGRICUL	JPN	0.082	0.112	1	0	1
1344	JAPANESE JOURNAL OF ORNITHOLOGY	ORNITHOLOGY	JPN	0.000	0.000	1	0	1
1345	JAPANESE JOURNAL OF PARASITOLOGY	PARASITOL	JPN	0.000	0.000	1	0	1
1346	JAPANESE JOURNAL OF PHARMACOLOGY	PHARMACOL	JPN	0.932	1.394	1	0	1
1347	JOURNAL CLINICAL ENDOCRINOLOGY & METABOLISM	ENDOCR	USA	4.142	4.044	1	0	1
1348	JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES	IMMUNOL	USA	3.796	0.000	1	0	1
1349	JOURNAL OF ADOLESCENT HEALTH	PUB HEALTH	USA	0.687	0.732	0	1	1
1350	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	SPECTROSCOPY //CHEM, ANAL	NLD	0.771	0.900	1	0	1
1351	JOURNAL OF ANALYTICAL TOXICOLOGY	TOXICOL	USA	1.119	1.634	0	1	1
1352	JOURNAL OF AUTOIMMUNITY	IMMUNOL	UKD	1.756	2.000	0	1	1
1353	JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS	POLYM SCI //BIOTECH	USA	0.587	0.000	0	1	1
1354	JOURNAL OF BIOELECTRICITY	BIOPHYS	USA	0.000	0.657	1	0	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
1355	JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS	BIOLOGY //MED, RES	ITA	0.571	0.600	1	0	1
1356	JOURNAL OF BIOLOGICAL RHYTHMS	BEHAV SCI //BIOLOGY	USA	1.984	2.173	1	0	1
1357	JOURNAL OF BIOMEDICAL ENGINEERING	ENG, BIOM	UKD	0.700	0.500	0	1	1
1358	JOURNAL OF BIOSOCIAL SCIENCE	GENETICS	UKD	0.000	0.367	0	1	1
1359	JOURNAL OF CELL BIOLOGY	CELL BIOL	USA	12.149	11.11	0	1	1
1360	JOURNAL OF CELLULAR PHYSIOLOGY	PHYSIOL //CELL BIOL	USA	3.096	3.020	0	1	1
1361	JOURNAL OF CHROMATOGRAPHIC SCIENCE	CHEM, ANAL	USA	2.315	1.969	1	0	1
1362	JOURNAL OF CLINICAL EPIDEMIOLOGY	PUB HEALTH //MED, GEN	UKD	1.641	1.669	0	1	1
1363	JOURNAL OF CLINICAL PATHOLOGY (LONDON)	PATHOL	UKD	1.422	2.035	1	0	1
1364	JOURNAL OF COLLOID AND INTERFACE SCIENCE	CHEM, PHYS	USA	1.620	1.420	0	1	1
1365	JOURNAL OF COMPARATIVE NEUROLOGY	NEUROSCI	USA	3.468	3.555	1	0	1
1366	JOURNAL OF COMPARATIVE PATHOLOGY	PATHOL //VET SCI	UKD	0.770	0.575	0	1	1
1367	JOURNAL OF COMPARATIVE PHYSIOLOGY B BIOCHEMICAL SYSTEMIC AND ENVIRONMENTAL PHYSIOLOGY	ZOOLOGY //PHYSIOL	DEU	1.048	1.344	0	1	1
1368	JOURNAL OF CRANIO-MAXILLO-FACIAL SURGERY	DENTISTRY	UKD	0.442	0.343	1	0	1
1369	JOURNAL OF CRUSTACEAN BIOLOGY	MARINE BIOL	USA	0.825	0.611	0	1	1
1370	JOURNAL OF DRUG DEVELOPMENT	PHARMACOL	UKD	0.000	0.000	0	1	1
1371	JOURNAL OF ECONOMIC ENTOMOLOGY	ENTOMOL //AGRICUL	USA	0.943	0.911	0	1	1
1372	JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY	MARINE BIOL //ECOLOGY	NLD	1.268	1.075	0	1	1
1373	JOURNAL OF GYNECOLOGIC SURGERY	OBST GYNE	USA	0.753	0.500	0	1	1
1374	JOURNAL OF HYDROLOGY (WELLINGTON NORTH)	ENG, CIVIL //WATER RES //GEOSCI	UKD	0.779	0.935	0	1	1
1375	JOURNAL OF HYPERTENSION	CARDIOVASC	UKD	2.071	1.963	0	1	1
1376	JOURNAL OF INSECT BEHAVIOR	ENTOMOL	UKD	0.882	0.901	1	0	1
1377	JOURNAL OF INTELLECTUAL DISABILITY RESEARCH	NEUROSCI //GENETICS //PSYCHIATRY	UKD	0.396	0.000	0	1	1
1378	JOURNAL OF INTERNAL MEDICINE	MED, GEN	UKD	1.622	1.356	0	1	1
1379	JOURNAL OF INTERNATIONAL MEDICAL RESEARCH	PHARMACOL //MED, RES	UKD	0.284	0.506	1	0	1
1380	JOURNAL OF INVERTEBRATE PATHOLOGY	ZOOLOGY	USA	0.996	0.867	1	0	1

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						1992	93-94	Total
1381	JOURNAL OF JAPANESE BOTANY	PLANT SCI	JPN	0.000	0.000	0	1	1
1382	JOURNAL OF LABELLED COMPOUNDS AND RADIOPHARMACEUTICALS	CHEM, ANAL //PHARMACOL	UKD	0.647	0.676	0	1	1
1383	JOURNAL OF LIPID RESEARCH	BIOCHEM	USA	4.385	3.285	1	0	1
1384	JOURNAL OF MATHEMATICAL BIOLOGY	BIOL, MISC //MATH, MISC	DEU	0.614	0.872	0	1	1
1385	JOURNAL OF MEDICAL ENTOMOLOGY	ENTOMOL	UKD	1.134	0.785	1	0	1
1386	JOURNAL OF MEDICAL GENETICS	GENETICS	UKD	2.865	2.135	0	1	1
1387	JOURNAL OF MEDICAL PRIMATOLOGY	ZOOLOGY //VET SCI	CHE	1.098	0.750	1	0	1
1388	JOURNAL OF MEDICINAL CHEMISTRY	CHEM, CLIN	USA	3.784	3.803	0	1	1
1389	JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY	CARDIOVASC	UKD	3.008	3.115	1	0	1
1390	JOURNAL OF MOLECULAR ENDOCRINOLOGY	ENDOCR	UKD	2.232	2.156	0	1	1
1391	JOURNAL OF MOLECULAR LIQUIDS	PHYS, ATOM	NLD	0.524	0.543	0	1	1
1392	JOURNAL OF NEUROBIOLOGY	NEUROSCI	USA	4.118	2.813	0	1	1
1393	JOURNAL OF NEUROIMMUNOLOGY	NEUROSCI //IMMUNOL	NLD	3.188	2.964	0	1	1
1394	JOURNAL OF NIHON UNIVERSITY SCHOOL OF DENTISTRY	DENTISTRY	JPN	0.000	0.000	0	1	1
1395	JOURNAL OF NUTRITION	NUTRI DIET	USA	1.977	1.713	1	0	1
1396	JOURNAL OF OBSTETRICS AND GYNAECOLOGY (BASINGSTOKE)	OBST GYNE	UKD	0.000	0.000	0	1	1
1397	JOURNAL OF PARENTERAL AND ENTERAL NUTRITION	NUTRI DIET	USA	0.000	0.000	1	0	1
1398	JOURNAL OF PATHOLOGY	PATHOL	UKD	4.518	4.073	0	1	1
1399	JOURNAL OF PEDIATRIC ENDOCRINOLOGY	ENDOCR //PEDIATR	UKD	0.000	0.000	0	1	1
1400	JOURNAL OF PEDIATRIC OPHTHALMOLOGY AND STRABISMUS	OPHTHALMOL //PEDIAT	USA	0.000	0.000	1	0	1
1401	JOURNAL OF PEDIATRICS	PEDIAT	USA	2.609	2.759	0	1	1
1402	JOURNAL OF PESTICIDE SCIENCE	AGRICUL	JPN	0.422	0.353	0	1	1
1403	JOURNAL OF PSYCHIATRIC RESEARCH	PSYCHIAT	UKD	1.085	1.403	0	1	1
1404	JOURNAL OF PSYCHOACTIVE DRUGS	SUB ABUSE //PSYCHOL //PHARMACOL	USA	0.000	0.000	0	1	1
1405	JOURNAL OF PSYCHOPHARMACOLOGY	PHARMACOL //NEUROSCI	UKD	1.308	0.000	0	1	1
1406	JOURNAL OF PSYCHOSOMATIC OBSTETRICS AND GYNAECOLOGY	PSYCHIAT //OBST GYNE	NLD	0.302	0.424	0	1	1
1407	JOURNAL OF PSYCHOSOMATIC RESEARCH	PSYCHIAT	UKD	1.102	1.222	0	1	1
1408	JOURNAL OF RAPTOR RESEARCH	ORNITHOLOGY	USA	0.436	0.000	0	1	1
1409	JOURNAL OF REHABILITATION RESEARCH AND DEVELOPMENT	REHABILITATION	USA	0.452	0.000	1	0	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Tota
1410	JOURNAL OF REPRODUCTION AND DEVELOPMENT	REPROD SYS	JPN	0.000	0.000	0	1	1
1411	JOURNAL OF RESEARCH ON THE LEPIDOPTERA	ENTOMOL	USA	0.000	0.000	1	0	1
1412	JOURNAL OF RHEUMATOLOGY	RHEUMATOL	CAN	2.276	1.836	0	1	1
1413	JOURNAL OF SEDIMENTARY PETROLOGY	GEOLOGY	USA	1.514	1.382	0	1	1
1414	JOURNAL OF SHELLFISH RESEARCH	FISHERIES	USA	0.000	0.000	0	1	1
1415	JOURNAL OF SUBSTANCE ABUSE TREATMENT	SUB ABUSE	USA	0.000	0.000	0	1	1
1416	JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY	PSYCHIAT	USA	0.000	0.000	0	1	1
1417	JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY	DERMATOL	USA	1.424	1.712	0	1	1
1418	JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	CARDIOVASC	USA	6.013	5.898	0	1	1
1419	JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE	HORTICUL	USA	0.776	0.605	0	1	1
1420	JOURNAL OF THE AMERICAN SOCIETY OF BREWING CHEMISTS	MICROBIOL // FOOD SCI	USA	0.000	0.000	0	1	1
1421	JOURNAL OF THE AUTONOMIC NERVOUS SYSTEM	NEUROSCI	NLD	1.742	0.953	1	0	1
1422	JOURNAL OF THE CHEMICAL SOCIETY CHEMICAL COMMUNICATIONS	CHEMISTRY	UKD	2.575	2.511	1	0	1
1423	JOURNAL OF THE FORENSIC SCIENCE SOCIETY	PATHOL //MED, LEG	UKD	0.333	0.354	0	1	1
1424	JOURNAL OF THE HELMINTHOLOGICAL SOCIETY OF WASHINGTON	ZOOLOGY	USA	0.320	0.337	0	1	1
1425	JOURNAL OF THE SOCIETY OF DAIRY TECHNOLOGY	FOOD SCI	UKD	0.444	0.143	0	1	1
1426	JOURNAL OF THE SOCIETY OF OCCUPATIONAL MEDICINE	PUB HEALTH	UKD	0.000	0.363	1	0	1
1427	JOURNAL OF THE WORLD AQUACULTURE SOCIETY	FISHERIES	USA	0.000	0.000	0	1	1
1428	JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY	CARDIOVASC //SURGERY	USA	2.389	2.593	0	1	1
1429	JOURNAL OF VETERINARY MEDICAL SCIENCE	VET SCI	JPN	0.361	0.377	0	1	1
1430	JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS	PHARMACOL //VET SCI	UKD	0.675	0.595	0	1	1
1431	JOURNAL VETERINAR MALAYSIA	VET SCI	MYS	0.000	0.000	0	1	1
1432	JPMA (JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION)	MED, GEN	PAK	0.000	0.000	0	1	1
1433	KOBE JOURNAL OF MEDICAL SCIENCES	MED, GEN	JPN	0.000	0.000	0	1	1
1434	LANDSCAPE AND URBAN PLANNING	ENV SCI	NLD	0.000	0.000	0	1	1
1435	LETHAIA	PALEONTOL	NOR	0.440	0.823	0	1	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
1436	LICHENOLOGIST (LONDON)	PLANT SCI	UKD	0.714	0.594	0	1	1
1437	LIMNOLOGY AND OCEANOGRAPHY	OCEAN //LIMNOL	USA	2.151	2.061	0	1	1
1438	LINDLEYANA	HORTICUL	USA	0.000	0.000	0	1	1
1439	LUNG	RESP SYS	DEU	1.017	0.710	0	1	1
1440	MAGNETIC RESONANCE IN CHEMISTRY	SPECTROSCOPY	UKD	0.924	1.000	1	0	1
1441	MALACOLOGICAL REVIEW	ZOOLOGY	USA	0.000	0.000	1	0	1
1442	MALAYAN NATURE JOURNAL	MULTIDIS SCI	MYS	0.000	0.000	0	1	1
1443	MARINE CHEMISTRY	OCEAN //CHEMISTRY	NLD	1.691	1.137	0	1	1
1444	MARINE GEOTECHNOLOGY	OCEAN	UKD	0.000	0.000	1	0	1
1445	MARINE MICROPALAEONTOLOGY	PALEONTOL	NLD	1.908	1.298	0	1	1
1446	MEDICAL AND PEDIATRIC ONCOLOGY	ONCOL //PEDIAT	USA	1.341	1.027	0	1	1
1447	MEDICINE (BALTIMORE)	MED, GEN	USA	3.900	4.794	0	1	1
1448	MEDICINE AND SCIENCE IN SPORTS AND EXERCISE	SPORT SCI	USA	1.615	2.091	1	0	1
1449	MEDIZIN UND SPORT (BERLIN)	SPORT SCI	DEU	0.000	0.000	1	0	1
1450	MEMOIRES DE BIOSPEOLOGIE	****	FRA	0.000	0.000	0	1	1
1451	METABOLIC BRAIN DISEASE	NEUROSCI //ENDOCR	USA	1.029	0.732	1	0	1
1452	MICROBIOLOGIA (MADRID)	MICROBIOL	ESP	0.000	0.000	0	1	1
1453	MICRON	MICROSCOPY	UKD	0.574	0.000	0	1	1
1454	MICRON AND MICROSCOPICA ACTA	MICROSCOPY	UKD	1.696	0.688	0	1	1
1455	MICROSURGERY	SURGERY	USA	0.269	0.235	1	0	1
1456	MICROVASCULAR RESEARCH	CARDIOVASC	USA	1.466	1.775	1	0	1
1457	MITTEILUNGEN DER BAYERISCHEN STAATSSAMMLUNG FUER PALAEONTOLOGIE UND HISTORISCHE GEOLOGIE	PALEONTOL	DEU	0.000	0.000	0	1	1
1458	MITTEILUNGEN DER SCHWEIZERISCHEN ENTOMOLOGISCHEN GESELLSCHAFT	ENTOMOL	CHE	0.000	0.000	0	1	1
1459	MODERN PATHOLOGY	PATHOL	USA	2.272	1.906	0	1	1
1460	MOLECULAR BIOLOGY REPORTS	BIOCHEM	NLD	1.691	1.367	0	1	1
1461	MOLECULAR MICROBIOLOGY	BIOCHEM //MICROBIOL	UKD	5.142	4.427	0	1	1
1462	MYCOLOGIA HELVETICA	MYCOLOGY	CHE	0.000	0.000	1	0	1
1463	MYCOLOGIST	MYCOLOGY	UKD	0.000	0.000	0	1	1
1464	NAGOYA JOURNAL OF MEDICAL SCIENCE	MED, GEN	JPN	0.000	0.000	1	0	1
1465	NATURAL IMMUNITY	IMMUNOL //CELL BIOL	CHE	0.891	0.000	1	0	1
1466	NATURWISSENSCHAFTEN	MULTIDIS SCI	DEU	1.163	0.834	0	1	1
1467	NETHERLANDS JOURNAL OF ZOOLOGY	ZOOLOGY	NLD	0.871	0.830	0	1	1
1468	NETHERLANDS MILK AND DAIRY JOURNAL	FOOD SCI	NLD	0.816	1.188	0	1	1
1469	NEUROLOGY	CLIN NEUROL	USA	4.347	4.355	0	1	1
1470	NEUROPSYCHOBIOLOGY	PSYCHIAT //NEUROSCI	CHE	0.986	0.368	1	0	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
1471	NEUROPSYCHOLOGIA	NEUROSCI //PSYCHOL	UKD	1.966	1.885	0	1	1
1472	NEURORADIOLOGY	NEUROSCI //RADIOL	DEU	0.900	1.051	0	1	1
1473	NEUROSCIENCE	NEUROSCI	UKD	4.626	4.324	0	1	1
1474	NEUROSCIENCE RESEARCH COMMUNICATIONS	NEUROSCI	UKD	0.917	0.969	0	1	1
1475	NEW FORESTS	FORESTRY	NLD	0.000	0.000	1	0	1
1476	NORDIC HYDROLOGY	WATER RES	DEU	0.200	0.109	1	0	1
1477	NOTULAE ODNATOLOGICAE	DENTISTRY	NLD	0.000	0.000	1	0	1
1478	NOUVELLE REVUE FRANCAISE D'HEMATOLOGIE	HEMATOL	FRA	0.481	0.492	0	1	1
1479	NOVON	PLANT SCI	USA	0.000	0.000	0	1	1
1480	NSS (NATIONAL SPELEOLOGICAL SOCIETY) BULLETIN	GEOLOGY	USA	0.000	0.000	0	1	1
1481	NUCLEAR MEDICINE COMMUNICATIONS	RADIOL	UKD	1.078	0.982	0	1	1
1482	OBSTETRICS AND GYNECOLOGY	OBST GYNE	USA	2.087	1.671	0	1	1
1483	OBSTETRICS AND GYNECOLOGY CLINICS OF NORTH AMERICA	OBST GYNE	USA	0.200	0.587	1	0	1
1484	OCCUPATIONAL MEDICINE (OXFORD)	PUB HEALTH	UKD	0.205	0.339	0	1	1
1485	OCEANOLOGICA ACTA	OCEAN	FRA	0.698	0.784	0	1	1
1486	OEBALIA	*****	ITA	0.000	0.000	0	1	1
1487	OKAJIMAS FOLIA ANATOMICA JAPONICA	ANATOMY	JPN	0.000	0.000	1	0	1
1488	ORYX	ZOOLOGY	UKD	0.000	0.000	0	1	1
1489	OTOLARYNGOLOGY HEAD AND NECK SURGERY	SURGERY //OTORHINOL	USA	0.714	0.847	0	1	1
1490	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	PALEONTOL	NLD	0.953	0.890	1	0	1
1491	PALAEONTOGRAPHICA ABTEILUNG A PALAEOZOOLOGIE-STRATIGRAPHIE	PALEONTOL	DEU	0.000	0.000	0	1	1
1492	PALAIOS	PALEONTOL	USA	0.000	0.000	0	1	1
1493	PARASITE IMMUNOLOGY (OXFORD)	IMMUNOL //PARASITOL	UKD	2.021	1.929	0	1	1
1494	PATHOLOGY RESEARCH AND PRACTICE	PATHOL	DEU	0.818	1.099	0	1	1
1495	PATTERN RECOGNITION	COMPUTER SCI	UKD	0.691	0.661	0	1	1
1496	PEDIATRICS	PEDIAT	USA	2.840	2.494	1	0	1
1497	PEPTIDE RESEARCH	BIOCHEM	USA	2.021	0.000	0	1	1
1498	PEPTIDES (ELMSFORD)	BIOCHEM	UKD	2.525	2.106	1	0	1
1499	PERTANIK	AGRICUL	MYS	0.000	0.000	0	1	1
1500	PHARMACOLOGY (BASEL)	PHARMACOL	CHE	1.019	0.994	1	0	1
1501	PHARMACOTHERAPY	PHARMACOL	USA	0.750	0.744	0	1	1
1502	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON B BIOLOGICAL SCIENCES	BIOLOGY	UKD	2.190	2.115	1	0	1
1503	PHYCOLOGIA	PLANT SCI //MARINE BIOL	UKD	1.232	1.010	0	1	1
1504	PHYSIOLOGICAL AND MOLECULAR PLANT PATHOLOGY	PLANT SCI	UKD	1.354	1.438	0	1	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
1505	PHYSIOLOGICAL RESEARCH	PHYSIOL	CSK	0.318	0.177	0	1	1
1506	PHYTOPATHOLOGY	PLANT SCI	USA	2.222	2.008	0	1	1
1507	PLANT CELL AND ENVIRONMENT	PLANT SCI	UKD	2.291	4.119	0	1	1
1508	PLANT PROTECTION QUARTERLY	PLANT SCI//AGRICUL	AUS	0.000	0.000	1	0	1
1509	PLANTA (HEIDELBERG)	PLANT SCI	DEU	3.300	2.920	1	0	1
1510	PLASMID	GENETICS	USA	1.744	1.423	0	1	1
1511	POCHVOVEDENIE	AGRICUL	CUB	0.000	0.000	0	1	1
1512	POBYANA INSTITUTO DE ECOLOGIA Y SISTEMATICA ACADEMIA DE CIENCIAS DE CUBA	ECOLOGY	CUB	0.000	0.000	1	0	1
1513	POLAR BIOLOGY	ECOLOGY //BIOLOGY	DEU	0.866	1.159	1	0	1
1514	POLISH JOURNAL OF PHARMACOLOGY AND PHARMACY	PHARMACOL	POL	0.000	0.000	0	1	1
1515	POLISH JOURNAL OF SOIL SCIENCE	AGRI, SOIL	POL	0.000	0.000	1	0	1
1516	POLSKIE PISMO ENTOMOLOGICZNE	ENTOMOL	POL	0.000	0.000	0	1	1
1517	POPULATION AND ENVIRONMENT	ENV SCI	USA	0.000	0.000	1	0	1
1518	PRECAMBRIAN RESEARCH	GEOLOGY	NLD	1.145	1.255	1	0	1
1519	PROCEEDINGS OF THE BIOLOGICAL SOCIETY OF WASHINGTON	BIOLOGY	USA	0.240	0.253	0	1	1
1520	PROCEEDINGS OF THE KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN BIOLOGICAL CHEMICAL GEOLOGICAL PHYSICAL AND MEDICA SCIENCES	MULTIDIS SCI	NLD	0.000	0.000	1	0	1
1521	PROSTAGLANDINS	ENDOCR	USA	1.316	1.386	0	1	1
1522	PROSTATE	ENDOCR	USA	2.708	2.062	0	1	1
1523	PROSTHETICS AND ORTHOTICS INTERNATIONAL	ORTHOPED //REHABILITATION	DEN	0.339	0.182	0	1	1
1524	PSYCHOLOGICAL REPORTS	PSYCHOL	USA	0.000	0.000	1	0	1
1525	PUNJAB UNIVERSITY JOURNAL OF ZOOLOGY	ZOOLOGY	IND	0.000	0.000	0	1	1
1526	QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY SECTION A HUMAN EXPERIMENTAL PSYCHOLOGY	PSYCHOL	UKD	0.000	0.000	0	1	1
1527	QUATERNARY RESEARCH (TOKYO)	GEOLOGY //GEOSCI	JPN	1.575	1.655	0	1	1
1528	RADIOBIOLOGIYA	RADIOL	RUS	0.000	0.000	1	0	1
1529	RAFFLES BULLETIN OF ZOOLOGY	ZOOLOGY	SGP	0.000	0.000	0	1	1
1530	RAPID COMMUNICATIONS IN MASS SPECTROMETRY	SPECTROSCOPY	UKD	2.484	0.000	0	1	1
1531	REINWARDTIA	PLANT SCI	IDN	0.000	0.000	1	0	1
1532	RESEARCH JOURNAL OF THE WATER POLLUTION CONTROL FEDERATION	WATER RES //ENV SCI	USA	0.000	0.899	1	0	1
1533	RESPIRATORY MEDICINE	CARDIOVASC //RESP SYS	UKD	1.021	1.062	1	0	1
1534	REVISTA BRASILEIRA DE ENTOMOLOGIA	ENTOMOL	BRA	0.000	0.000	0	1	1

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Tot
1535	REVUE INTERNATIONALE DES SERVICES DE SANTE DES FORCES ARMEES	MED, GEN	BEL	0.000	0.000	0	1	
1536	RIVISTA DI PATOLOGIA VEGETALE	PATHOL	JPN	0.000	0.000	1	0	
1537	RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA	PEDIAT	ITA	0.000	0.000	0	1	
1538	SARHAD JOURNAL OF AGRICULTURE	AGRICUL	PAK	0.000	0.000	0	1	
1539	SCANDINAVIAN JOURNAL OF RHEUMATOLOGY	RHEUMATOL	SWE	1.401	0.899	0	1	
1540	SCANDINAVIAN JOURNAL OF UROLOGY AND NEPHROLOGY	UROL NEPH	SWE	0.491	0.307	0	1	
1541	SCIENTIA MARINA	MARINE BIOL	ESP	0.000	0.000	0	1	
1542	SCIENTOMETRICS	INFOR SCI //COMPUT SCI	NLD	0.593	0.634	1	0	
1543	SEDIMENTOLOGY	GEOLOGY	UKD	1.174	1.298	1	0	
1544	SEED SCIENCE RESEARCH	AGRICUL//PLANT SCI	UKD	0.000	0.000	0	1	
1545	SIDA CONTRIBUTIONS TO BOTANY	PLANT SCI	USA	0.000	0.000	0	1	
1546	SLEEP (ROCHESTER)	BEHAV SCI //CLIN NEUROL	USA	1.541	1.936	0	1	
1547	SOIL TECHNOLOGY	GEOSCI //WATER RES	USA	0.385	0.000	0	1	
1548	SOMATIC CELL AND MOLECULAR GENETICS	CELL BIOL //GENETICS //BIOCHEM	USA	1.764	2.374	1	0	
1549	SOUTHERN MEDICAL JOURNAL	MED, GEN	USA	0.335	0.425	1	0	
1550	SPECTROCHIMICA ACTA PART A MOLECULAR SPECTROSCOPY	SPECTROSCOPY	UKD	0.760	0.806	1	0	
1551	SPECULATIONS IN SCIENCE AND TECHNOLOGY (COMPLETE EDITION)	MULTIDIS SCI	UKD	0.000	0.000	0	1	
1552	SURGERY TODAY (TOKYO)	SURGERY	JPN	0.118	0.000	0	1	
1553	SYDOWIA ANNALES MYCOLOGICI	MYCOLOGY	AUT	0.000	0.000	1	0	
1554	SYMBIOSIS	MICROBIOL	ISR	0.757	0.735	1	0	
1555	SYNTHETIC COMMUNICATIONS	CHEM, ORG	USA	0.699	0.716	1	0	
1556	SYSTEMATIC AND APPLIED MICROBIOLOGY	MICROBIOL //BIOTECH	DEV	2.019	1.911	0	1	
1557	TELLUS SERIES B CHEMICAL AND PHYSICAL METEOROLOGY	METEOR, ATMOS SCI	SWE	2.047	2.804	1	0	
1558	THEORETICAL POPULATION BIOLOGY	GENETICS //ECOLOGY	USA	1.465	1.188	1	0	
1559	TISSUE & CELL	CELL BIOL	UKD	0.675	0.935	0	1	
1560	TISSUE ANTIGENS	IMMUNOL //CELL BIOL	DEN	4.784	3.297	0	1	
1561	TOXICOLOGY AND APPLIED PHARMACOLOGY	PHARMACOL //TOXICOL	USA	2.490	1.906	0	1	
1562	TRANSACTIONS OF THE MYCOLOGICAL SOCIETY OF JAPAN	MYCOLOGY	JPN	0.000	0.000	0	1	

Sl No.	Journal title	Subfield	Journal Country	IF94	IF92	Number of papers		
						1992	93-94	Total
1563	TREE PHYSIOLOGY	ECOLOGY //FORESTRY	CAN	1.030	1.124	0	1	1
1564	TREES (BERLIN)	//PLANT SCI FORESTRY	DEU	0.000	0.000	1	0	1
1565	TROPICAL ZOOLOGY	//PLANT SCI //ECOLOGY ZOOLOGY	ITA	0.000	0.000	1	0	1
1566	TUMOR BIOLOGY	ONCOL	CHE	1.087	1.068	0	1	1
1567	ULTRASOUND IN MEDICINE AND BIOLOGY	RADIOL //	UKD	1.252	1.036	0	1	1
1568	VASCULAR SURGERY	ACOUSTICS SURGERY//CARDIO VASC	USA	0.061	0.069	0	1	1
1569	VETERINARY QUARTERLY	VET SCI	NLD	0.547	0.930	0	1	1
1570	WATER SCIENCE AND TECHNOLOGY	WATER RES //ENV SCI//CIVIL ENG	UKD	0.665	0.916	0	1	1
1571	WEED RESEARCH	PLANT SCI//AGRICUL	UKD	0.445	0.531	0	1	1
1572	WORLD HEALTH STATISTICS QUARTERLY	PUB HEALTH	CHE	0.000	0.000	0	1	1
1573	WORLD JOURNAL OF SURGERY	SURGERY	USA	1.507	1.364	1	0	1
1574	WORLD JOURNAL OF UROLOGY	UROL NEPH	UKD	0.561	0.472	0	1	1
1575	WORLD'S POULTRY SCIENCE JOURNAL	AGRI, DAIRY	UKD	0.525	0.872	0	1	1
1576	XENOBIOTICA	PHARMACOL //TOXICOL	UKD	1.133	1.040	0	1	1
1577	YEAST	MICROBIOL //BIOTECH //BIOCHEM	UKD	2.862	2.699	0	1	1
1578	ZEITSCHRIFT FUER MORPHOLOGIE UND ANTHROPOLOGIE	ANATOMY //ANTHROPOL	DEU	0.000	0.000	1	0	1
1579	ZEITSCHRIFT FUER ZOOLOGISCHE SYSTEMATIK UND EVOLUTIONSFORSCHUNG	ZOOLOGY	DEU	0.400	0.704	0	1	1
1580	ZENTRALBLATT FUER PATHOLOGIE	PATHOL	DEU	0.000	0.000	1	0	1
1581	ZOOLOGISCHE BEITRAEGE	ZOOLOGY	DEU	0.000	0.000	0	1	1
1582	ZOOLOGISCHE JAHRBUECHER ABTEILUNG FUER SYSTEMATIK OEKOLOGIE UND GEOGRAPHIE DER TIERE	ZOOLOGY	DEU	0.000	0.000	0	1	1
TOTAL						7455	12591	20046

For eight journals subfields are not provided. Genus is classified in Ulrich under Population Studies, and *Journal of Taiwan Museum* under Museums. These two classes are not included in the list of subfields used in this report. Other journals not classified here are *Fontilles*, *Journal of the Lepidopterists' Society*, *Lindbergia*, *Apex* (Brussels), *Memoires de Biospeologie*, and *Oebalia*. These journals are not listed either in SCI Guide 1994 or in the latest edition of Ulrich (CD-ROM version). There were 15 papers from India in these eight journals.

IF94 - Impact factor from Journal Citation Reports 1994

IF92 - Impact factor from Journal Citation Reports 1992

The impact factor is shown as zero, either if a journal's impact factor is not given in JCR or if a journal is not included in JCR and SCI. It may happen that a very good recent journal may be assigned an impact factor of zero, simply because JCR has not given it a value.

Table 3: Letters and communication journals used by Indian researchers as seen from BIOSIS 1992-94

Sl No.	Journal title	Publication Country	IF92	IF94	Numer of papers		
					1992	93-94	Total
1	TETRAHEDRON LETTERS	UKD	2.321	2.378	39	25	64
2	BIOTECHNOLOGY LETTERS	UKD	1.110	0.976	18	35	53
3	FEMS (FEDERATION OF EUROPEAN MICROBIOLOGICAL SOCIETIES) MICROBIOLOGY LETTERS	NLD	1.334	1.597	14	32	46
4	FEBS (FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES) LETTERS	NLD	3.505	3.600	8	30	38
5	LETTERS IN APPLIED MICROBIOLOGY	UKD	1.042	1.040	11	27	38
6	CANCER LETTERS	NLD	1.137	1.264	13	23	36
7	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	UKD	1.217	1.425	6	21	27
8	ANALYTICAL LETTERS	USA	1.000	0.950	2	16	18
9	NEUROSCIENCE LETTERS	NLD	2.419	2.703	4	10	14
10	BIOMEDICAL LETTERS	UKD	0.000	0.000	3	10	13
11	CEREAL RESEARCH COMMUNICATIONS	HUN	0.288	0.102	5	7	12
12	IMMUNOLOGY LETTERS	NLD	1.559	1.223	5	6	11
13	ACTA CRYSTALLOGRAPHICA SECTION C CRYSTAL STRUCTURE COMMUNICATIONS	DEN	0.479	0.458	9	0	9
14	VETERINARY RESEARCH COMMUNICATIONS	NLD	0.414	0.592	1	7	8
15	COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS	USA	0.485	0.394	1	5	6
16	TOXICOLOGY LETTERS (AMSTERDAM)	NLD	0.774	1.112	2	4	6
17	NEUROENDOCRINOLOGY LETTERS	DEU	0.395	0.703	2	2	4
18	DRUG AND CHEMICAL TOXICOLOGY AN INTERNATIONAL JOURNAL FOR RAPID COMMUNICATION	USA	0.347	0.532	2	1	3
19	NEWSLETTERS ON STRATIGRAPHY	DEU	0.000	0.000	0	2	2
20	RESEARCH COMMUNICATIONS IN CHEMICAL PATHOLOGY AND PHARMACOLOGY	USA	0.599	0.780	0	2	2
21	CRYO LETTERS	UKD	1.080	0.685	0	1	1
22	JOURNAL OF THE CHEMICAL SOCIETY CHEMICAL COMMUNICATIONS	UKD	2.511	2.575	1	0	1
23	NEUROSCIENCE RESEARCH COMMUNICATIONS	UKD	0.969	0.917	0	1	1
24	NUCLEAR MEDICINE COMMUNICATIONS	UKD	0.982	1.078	0	1	1
25	RAPID COMMUNICATIONS IN MASS SPECTROMETRY	UKD	0.000	2.484	0	1	1
26	SYNTHETIC COMMUNICATIONS	USA	0.716	0.699	1	0	1
					147	269	416

*Only journals having the words 'letters' or 'communication(s)' in thier title are included in this table. Some journals, such as *Biochemical and Biophysical Research Communiactions*, may not be letters journals.

**Table 4A: Indian research papers covered by BIOSIS 1992-94
classified by subfields [arranged alphabetically]
[Some journals and papers published in them
are included in more than one subfield]**

Sl No.	Subfield	Number of journals	Number of papers		
			1992	1993-94	Total
1	AGRI, DAIRY	21	363	596	959
2	AGRI, SOIL	16	178	409	587
3	AGRICUL	72	1021	2107	3128
4	ALLERGY	6	4	16	20
5	ANATOMY	12	33	53	86
6	ANDROLOGY	3	10	13	23
7	ANESTHES	7	5	12	17
8	ANTHROPOL	5	17	12	29
9	BEHAV SCI	5	7	8	15
10	BIOCHEM	107	459	583	1042
11	BIOL, MISC	9	10	23	33
12	BIOLOGY	45	470	907	1377
13	BIOMETHODS	7	8	12	20
14	BIOPHYS	19	170	154	324
15	BIOTECH	31	203	379	582
16	CARDIOVASC	26	42	78	120
17	CELL BIOL	30	83	123	206
18	CHEM, ANAL	25	68	87	155
19	CHEM, APPL	8	53	50	103
20	CHEM, CLIN	7	12	30	42
21	CHEM, INOR	7	80	25	105
22	CHEM, ORG	15	200	155	355
23	CHEM, PHYS	7	15	9	24
24	CHEMISTRY	22	86	104	190
25	CLIN NEUROL	5	6	11	17
26	COMPUTER SCI	9	10	19	29
27	CRITICAL CARE	5	10	18	28
28	CRYSTAL	3	34	10	44
29	DENTISTRY	8	8	8	16
30	DERMATOL	15	24	70	94
31	DEV BIOL	9	6	15	21
32	ECOLOGY	29	91	140	231
33	ENDOCR	29	39	69	108
34	ENERGY	3	39	31	70
35	ENG, BIOM	16	27	53	80
36	ENG, CHEM	7	31	29	60
37	ENG, CIVIL	4	9	14	23
38	ENGINEERING	1	1	1	2
39	ENTOMOL	51	221	347	568
40	ENV SCI	57	191	341	532
41	ERGONOMICS	2	0	2	2

Sl No.	Subfield	Number of journals	Number of papers		
			1992	1993-94	Total
42	FISHERIES	15	89	74	163
43	FOOD SCI	40	237	470	707
44	FORESTRY	17	124	202	326
45	GASTRO	19	34	47	81
46	GENETICS	48	185	268	453
47	GEOGRAPHY	1	0	3	3
48	GEOLOGY	9	15	20	35
49	GEOSCI	12	35	98	133
50	GERIATRICS	5	8	14	22
51	HEMATOL	13	11	22	33
52	HORTICUL	8	26	28	54
53	IMMUNOL	48	143	203	346
54	INFECT DIS	11	15	28	43
55	INFOR SCI	1	1	0	1
56	LIMNOL	4	3	5	8
57	MARINE BIOL	27	69	132	201
58	MATHS, APPL	2	19	9	28
59	MATHS, MISC	1	4	0	4
60	MED, GEN	41	168	242	410
61	MED, LAB	6	11	13	24
62	MED, LEG	2	4	3	7
63	MED, MIS	1	0	3	3
64	MED, RES	19	91	132	223
65	METEOR, ATMOS SCI	5	6	6	12
66	MICROBIOL	49	160	344	504
67	MICROSCOPY	4	2	5	7
68	MULTIDIS SCI	17	120	218	338
69	MYCOLOGY	14	40	61	101
70	NEUROSCI	55	63	119	182
71	NUCL SCI	4	12	7	19
72	NUTRI DIET	18	38	72	110
73	OBST GYNE	18	25	44	69
74	OCEAN	9	34	71	105
75	ONCOL	37	95	177	272
76	OPHTHALMOL	14	28	80	108
77	ORNITHOLOGY	10	22	64	86
78	ORTHOPE	8	11	14	25
79	OTORHINOL	5	13	16	29
80	PALEONTOL	12	5	14	19
81	PARASITOL	20	52	63	115
82	PATHOL	27	53	90	143
83	PEDIAT	24	140	125	265
84	PHARMACOL	83	371	552	923
85	PHOTOGRAPH TECH	1	6	33	39
86	PHYS, ATOM	2	5	1	6

S1 No.	Subfield	Number of journals	Number of papers		
			1992	1993-94	Total
87	PHYSICS	2	2	2	4
88	PHYSIOL	25	103	192	295
89	PLANT SCI	128	908	1593	2501
90	POLYM SCI	2	5	17	22
91	PSYCHIAT	20	17	40	57
92	PSYCHOL	10	6	7	13
93	PUB HEALTH	32	101	159	260
94	RADIOL	32	57	73	130
95	REHABILITATION	1	1	0	1
96	REPROD SYS	14	22	35	57
97	RESP SYS	10	16	13	29
98	RHEUMATOL	6	4	5	9
99	SPECTROSCOPY	6	6	5	11
100	SPORT SCI	2	2	0	2
101	STAT & PROB	1	0	1	1
102	SUB ABUSE	9	1	9	10
103	SURGERY	32	63	78	141
104	TOXICOL	33	86	161	247
105	TROP MED	15	123	199	322
106	UROL NEPH	14	20	71	91
107	VET SCI	37	391	751	1142
108	VIROLOGY	8	17	27	44
109	WATER RES	18	31	43	74
110	ZOOLOGY	58	222	338	560
	Unknown	8	3	12	15
TOTAL		2074	9144	15146	24290

Note:

The totals exceed the actual totals, as some journals and papers published in them are included in more than one subfield.

Unabbreviated names of subfields are given in the next page.

Unabbreviated names of the subfields are listed; the numbers are the same as in Table 4A.

1	ARICULTURUE, DAIRY & ANIMAL SCIENCE	56	LIMNOLOGY
2	AGRICULTURE, SOIL SCIENCE	57	MARINE BIOLOGY
3	AGRICULTURE	58	MATHEMATICS, APPLIED
4	ALLERGY	59	MATHEMATICS, MISCELLANEOUS
5	ANATOMY & MORPHOLOGY	60	MEDICINE, GENERAL & INTERNAL
6	ANDROLOGY	61	MEDICAL LABORATROY TECHNOLOGY
7	ANESTHESIOLOGY	62	MEDICINE, LEGAL
8	ANTHROPOLOGY	63	MEDICINE, MISCELLANEOUS
9	BEHAVIORAL SCIENCES	64	MEDICINE, RESEARCH & EXPERIMENTAL
10	BIOCHEMISTRY & MOLECULAR BIOLOGY	65	METEOROLOGY & ATMOSPHERIC SCIENCE
11	BIOLOGY, MISCELLANEOUS	66	MICROBIOLOGY
12	BIOLOGY	67	MICROSCOPY
13	BIOMETHODS	68	MULTIDISCIPLINARY SCIENCES
14	BIOPHYSICS	69	MYCOLOGY
15	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	70	NEUROSCIENCES
16	CARDIOVASCULAR SYSTEM	71	NUCLEAR SCIENCE & TECHNOLOGY
17	CELL BIOLOGY	72	NUTRITION & DIETETICS
18	CHEMISTRY, ANALYTICAL	73	OBSTETRICS & GYNECOLOGY
19	CHEMISTRY, APPLIED	74	OCEANOGRAPHY
20	CHEMISTRY, CLINICAL & MEDICINAL	75	ONCOLOGY
21	CHEMISTRY, INORGANIC & NUCLEAR	76	OPHTHALMOLOGY
22	CHEMISTRY, ORGANIC	77	ORNITHOLOGY
23	CHEMISTRY, PHYSICAL	78	ORTHOPEDICS
24	CHEMISTRY	79	OTORHINOLARYNGOLOGY
25	CLINICAL NEUROLOGY	80	PALEONTOLOGY
26	COMPUTER SCIENCE, ARTIFICIAL INTELLIENCE	81	PARASITOLOGY
27	CRITICAL CARE	82	PATHOLOGY
28	CRYSTALOGRAPHY	83	PEDIATRICS
29	DENTISTRY/ORAL SURGERY & MEDICINE	84	PHARMACOLOGY & PHARMACY
30	DERMATOLOGY & VENEREAL DISEASES	85	PHOTOGRAPHIC TECHNOLOGY
31	DEVELOPMENTAL BIOLOGY	86	PHYSICS, ATOMIC, MOLECULAR & CHEMIC
32	ECOLOGY	87	PHYSICS
33	ENDOCRINOLOGY & METABOLISM	88	PHYSIOLOGY
34	ENERGY, FUELS	89	PLANT SCIENCE
35	ENGINEERING, BIOMEDICAL	90	POLYMER SCIENCE
36	ENGINEERING, CHEMICAL	91	PSYCHIATRY
37	ENGINEERING, CIVIL	92	PSYCHOLOGY
38	ENGINEERING	93	PUBLIC HEALTH
39	ENTOMOLOGY	94	RADIOLOGY & NUCLEAR MEDICINE
40	ENVIRONMENTAL SCIENCES	95	REHABILITATION
41	ERGONOMICS	96	REPRODUCTIVE SYSTEMS
42	FISHERIES	97	RESPIRATORY SYSTEMS
43	FOOD SCIENCE & TECHNOLOGY	98	RHEUMATOLOGY
44	FORESTRY	99	SPECTROSCOPY
45	GASTROENTEROLOGY & HEPATOLOGY	100	SPORTS SCIENCE
46	GENETICS & HEREDITY	101	STATISTICS & PROBABILITY
47	GEOGRAPHY	102	SUBSTANCE ABUSE
48	GEOLOGY	103	SURGERY
49	GEOSCIENCES	104	TOXICOLOGY
50	GERIATRICS & GERONTOLOGY	105	TROPICAL MEDICINE
51	HEMATOLOGY	106	UROLOGY & NEPHROLOGY
52	HORTICULTURE	107	VETERINARY SCIENCES
53	IMMUNOLOGY	108	VIROLOGY
54	INFECTIOUS DISEASES	109	WATER RESEARCH
55	INFORMATION SCIENCE	110	ZOOLOGY

Table 4B: Indian research papers covered by BIOSIS 1992-94
classified by subfields [arranged by number of papers]

Sl NO.	Subfield	Number of journals	Number of papers		
			1992	1993-94	Total
1	AGRICUL				
2	PLANT SCI	54	896	1928	2824
3	BIOLOGY	112	827	1473	2300
4	VET SCI	33	454	887	1341
5	AGRI, DAIRY	25	333	691	1024
		17	313	548	861
6	PHARMACOL				
7	BIOCHEM	64	312	477	789
8	AGRI, SOIL	66	272	402	674
9	FOOD SCI	15	174	409	583
10	ZOOLOGY	32	183	397	580
		57	217	337	554
11	ENTOMOL				
12	ENV SCI	46	219	328	547
13	MICROBIOL	35	131	260	391
14	MED, GEN	37	118	265	383
15	CHEM, ORG	36	146	208	354
		14	197	155	352
16	MULTIDIS SCI				
17	FORESTRY	15	116	213	329
18	TROP MED	9	106	185	291
19	BIOTECH	11	106	164	270
20	GENETICS	12	101	160	261
		39	110	141	251
21	PEDIAT				
22	MED, RES	15	118	93	211
23	ONCOL	15	84	120	204
24	ECOLOGY	28	66	136	202
25	CELL BIOL	20	80	120	200
		24	79	117	196
26	BIOPHYS				
27	PUB HEALTH	12	119	71	190
28	FISHERIES	22	71	100	171
29	IMMUNOL	13	87	68	155
30	CHEM, ANAL	31	61	84	145
		21	61	81	142
31	TOXICOL				
32	NEUROSCI	21	55	80	135
33	GEOSCI	43	45	89	134
34	CHEMISTRY	8	33	86	119
35	CARDIOVASC	14	63	55	118
		22	39	72	111
36	OCEAN				
37	PHYSIOL	9	34	71	105
38	OPHTHALMOL	15	38	67	105
		13	25	77	102

Sl NO.	Subfield	Number of journals	Number of papers		
			1992	1993-94	Total
39	RADIOL	24	37	56	93
40	SURGERY	18	44	45	89
41	MYCOLOGY	12	35	52	87
42	UROL NEPH	13	19	68	87
43	ANATOMY	12	33	53	86
44	NUTRI DIET	16	35	51	86
45	PARASITOL	16	41	43	84
46	ORNITHOLOGY	9	22	62	84
47	CHEM, INOR	4	64	15	79
48	GASTRO	17	33	46	79
49	ENG, BIOM	14	27	50	77
50	PATHOL	19	25	52	77
51	ENDOCCR	22	28	47	75
52	ENERGY	3	39	31	70
53	DERMATOL	12	17	51	68
54	CHEM, APPL	5	35	29	64
55	OBST GYNE	15	25	39	64
56	MARINE BIOL	15	25	38	63
57	REPROD SYS	14	22	35	57
58	HORTICUL	8	26	28	54
59	PSYCHIAT	15	14	35	49
60	WATER RES	11	22	27	49
61	PHOTOGRAPH TECH	1	6	33	39
62	VIROLOGY	7	12	25	37
63	GEOLOGY	8	15	19	34
64	ENG, CHEM	4	12	21	33
65	ANTHROPOL	4	16	12	28
66	MATHS, APPL	2	19	9	28
67	OTORHINOL	4	13	15	28
68	RESP SYS	9	15	13	28
69	HEMATOL	11	9	17	26
70	ANDROLOGY	3	10	13	23
71	ENG, CIVIL	4	9	14	23
72	MED, LAB	5	11	12	23
73	GERIATRICS	5	8	14	22
74	POLYM SCI	2	5	17	22
75	INFECT DIS	6	12	9	21
76	PALEONTOL	12	5	14	19
77	ORTHOPEDE	7	10	8	18
78	ANESTHES	7	5	12	17
79	ALLERGY	5	3	13	16

Sl NO.	Subfield	Number of journals	Number of papers		
			1992	1993-94	Total
80	BIOL, MISC	5	2	13	15
81	CHEM, PHYS	6	13	2	15
82	DENTISTRY	8	8	7	15
83	DEV BIOL	6	2	13	15
84	BEHAV SCI	3	6	7	13
85	CHEM, CLIN	3	3	9	12
86	METEOR, ATMOS SCI	5	6	6	12
87	COMPUTER SCI	5	2	8	10
88	CRYSTAL	2	10	0	10
89	PSYCHOL	7	6	4	10
90	CRITICAL CARE	3	4	5	9
91	RHEUMATOL	6	4	5	9
92	SUB ABUSE	8	1	8	9
93	LIMNOL	3	4	4	8
94	NUCL SCI	2	6	2	8
95	MICROSCOPY	4	2	5	7
96	MED, LEG	1	4	2	6
97	BIOMETHODS	2	2	3	5
98	CLIN NEUROL	2	1	4	5
99	SPECTROSCOPY	5	3	2	5
100	MATHS, MISC	1	4	0	4
101	PHYSICS	2	2	2	4
102	GEOGRAPHY	1	0	3	3
103	MED, MIS	1	0	3	3
104	ENGINEERING	1	1	1	2
105	SPORT SCI	2	2	0	2
106	ERGONOMICS	1	0	1	1
107	INFOR SCI	1	1	0	1
108	PHYS, ATOM	1	0	1	1
109	REHABILITATION	1	1	0	1
110	STAT & PROB	1	0	1	1
	Unknown	8	3	12	15
TOTAL		1582	7455	12591	20046

Note:

Journals (and papers published in them) are included in only one subfield, even though the journal may have relevance to more than one subfield.

**Table 5: Distribution of Indian research papers indexed
in BIOSIS 1992-94 by journal country
[arranged by number of papers]**

Sl No.	Journal country	Number of journals	Number of papers			% of papers in world journals
			1992	1993-94	Total	
1	INDIA	118	3959	7150	11109	55.42
2	UK	345	1012	1558	2570	12.82
3	US	409	780	1184	1964	9.80
4	NETHERLANDS	148	482	865	1347	6.72
5	GERMANY	146	380	509	889	4.43
6	SWITZERLAND	64	124	150	274	1.37
7	JAPAN	56	105	156	261	1.30
8	CZECH REPUBLIC	11	34	193	227	1.13
9	AUSTRALIA	18	105	90	195	0.97
10	ITALY	32	75	100	175	0.87
11	DENMARK	29	67	87	154	0.77
12	FRANCE	32	43	62	105	0.52
13	HUNGARY	13	33	39	72	
14	POLAND	19	18	44	62	
15	PAKISTAN	7	23	27	50	
16	PHILIPPINES	2	0	49	49	
17	IRELAND	6	21	22	43	
18	CANADA	12	17	24	41	
19	SWEDEN	14	17	24	41	
20	BELGIUM	8	15	24	39	
21	AUSTRIA	9	19	17	36	
22	KENYA	2	25	11	36	
23	SINGAPORE	5	8	25	33	
24	THAILAND	3	6	25	31	
25	KOREA	4	10	20	30	
26	BANGLADESH	5	9	18	27	
27	SPAIN	9	9	16	25	
28	BRAZIL	6	7	15	22	
29	MALAYSIA	6	2	19	21	
30	ISRAEL	6	5	11	16	
31	TAIWAN	4	6	10	16	
32	NORWAY	4	3	9	12	
33	SLOVAKIA	1	4	5	9	
34	NEW ZEALAND	1	2	6	8	
35	CROATIA	4	4	5	9	
36	COLOMBIA	1	3	3	6	
37	GREECE	2	1	4	5	
38	HONG KONG	2	4	0	4	
39	SRI LANKA	2	1	3	4	

Sl No.	Country	Number of journals	Number of papers		
			1992	1993-94	Total
40	SAUDI ARABIA	2	3	1	4
41	SOVIET UNION	2	1	4	5
42	SOUTH AFRICA	2	2	2	4
43	ARGENTINA	1	0	3	3
44	NEPAL	1	3	0	3
45	CUBA	2	1	1	2
46	ROMANIA	1	2	0	2
47	EGYPT	1	1	0	1
48	ETHIOPIA	1	0	1	1
49	INDONESIA	1	1	0	1
50	JAPAN	1	1	0	1
51	PORTUGAL	1	1	0	1
52	CHINA	1	1	0	1
TOTAL		1582	7455	12591	20046

Table 6: Indian journals covered by BIOSIS 1992-94
[arranged by number of papers]

Sl No.	Journal title	Number of papers		
		1992	93-94	Total
1	INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY	1222	371	593
2	INDIAN VETERINARY JOURNAL	193	373	566
3	INDIAN JOURNAL OF AGRONOMY	119	329	448
4	INDIAN JOURNAL OF ANIMAL SCIENCES	113	311	424
5	JOURNAL OF MAHARASHTRA AGRICULTURAL UNIVERSITIES	64	349	413
6	JOURNAL OF THE INDIAN SOCIETY OF SOIL SCIENCE	98	304	402
7	INDIAN JOURNAL OF AGRICULTURAL SCIENCES	100	233	333
8	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY	72	214	286
9	CROP RESEARCH (HISAR)	102	178	280
10	INDIAN FORESTER	85	148	233
11	ACTA BOTANICA INDICA	76	152	228
12	CURRENT SCIENCE (BANGALORE)	85	141	226
13	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION B (BIOLOGICAL SCIENCES)	54	132	186
14	INDIAN JOURNAL OF PLANT PHYSIOLOGY	64	118	182
15	INDIAN JOURNAL OF GENETICS & PLANT BREEDING	55	104	159
16	INDIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY	51	105	156
17	ADVANCES IN PLANT SCIENCES	49	102	151
18	JOURNAL OF ENTOMOLOGICAL RESEARCH (NEW DELHI)	67	84	151
19	INDIAN JOURNAL OF MEDICAL RESEARCH SECTION B	62	84	146
20	JOURNAL OF VETERINARY AND ANIMAL SCIENCES	30	115	145
21	INDIAN JOURNAL OF CHEMISTRY SECTION B ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEM	98	45	143
22	JOURNAL OF INSECT SCIENCE	60	83	143
23	INDIAN JOURNAL OF NEMATOLOGY	50	91	141
24	JOURNAL OF ECONOMIC AND TAXONOMIC BOTANY	52	86	138
25	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	69	68	137
26	INDIAN JOURNAL OF MEDICAL RESEARCH SECTION A	57	73	130
27	AGRICULTURAL SCIENCE DIGEST	48	80	128
28	INDIAN JOURNAL OF POULTRY SCIENCE	50	75	125
29	INDIAN JOURNAL OF PHARMACOLOGY	45	78	123
30	INDIAN JOURNAL OF ANIMAL NUTRITION	60	50	110
31	INDIAN JOURNAL OF PEDIATRICS	42	65	107
32	JOURNAL OF ENVIRONMENTAL BIOLOGY	47	60	107
33	ANNALS OF BIOLOGY (LUDHIANA)	27	77	104
34	JOURNAL OF HUMAN ECOLOGY	44	60	104
35	CROP IMPROVEMENT	11	91	102
36	JOURNAL OF RESEARCH PUNJAB AGRICULTURAL UNIVERSITY	54	48	102
37	UTTAR PRADESH JOURNAL OF ZOOLOGY	53	44	97
38	GEOSCIENCE (JODHPUR)	19	77	96

Sl No.	Journal title	Number of papers		
		1992	93-94	Total
39	INDIAN JOURNAL OF MARINE SCIENCES	30	65	95
40	PROCEEDINGS OF THE INDIAN NATIONAL SCIENCE ACADEMY PART B BIOLOGICAL SCIENCES	32	63	95
41	PKV (PUNJABRAO KRISHI VIDYAPEETH) RESEARCH JOURNAL	25	69	94
42	INTERNATIONAL JOURNAL OF TROPICAL AGRICULTURE	0	89	89
43	PHYTOMORPHOLOGY	32	53	85
44	INDIAN VETERINARY MEDICAL JOURNAL	38	44	82
45	BIONATURE	25	55	80
46	INDIAN JOURNAL OF ENVIRONMENTAL HEALTH	34	46	80
47	INDIAN JOURNAL OF BIOCHEMISTRY AND BIOPHYSICS	76	0	76
48	INDIAN JOURNAL OF COMPARATIVE ANIMAL PHYSIOLOGY	42	32	74
49	ENTOMON	9	64	73
50	INDIAN JOURNAL OF MALARIOLOGY	38	35	73
51	FISHERY TECHNOLOGY	34	37	71
52	JOURNAL OF BIOSCIENCES (BANGALORE)	0	70	70
53	INDIAN JOURNAL OF AGRICULTURAL RESEARCH	16	53	69
54	INDIAN JOURNAL OF PHYSIOLOGY AND ALLIED SCIENCES	25	44	69
55	JOURNAL OF NUCLEAR AGRICULTURE AND BIOLOGY	23	46	69
56	INDIAN PEDIATRICS	67	0	67
57	INDIAN JOURNAL OF OPHTHALMOLOGY	11	55	66
58	PROCEEDINGS OF THE ZOOLOGICAL SOCIETY (CALCUTTA)	16	50	66
59	INDIAN JOURNAL OF MYCOLOGY AND PLANT PATHOLOGY	9	56	65
60	MYSORE JOURNAL OF AGRICULTURAL SCIENCES	63	0	63
61	INDIAN JOURNAL OF SERICULTURE	22	40	62
62	INDIAN BOTANICAL CONTACTOR	25	33	58
63	NATIONAL MEDICAL JOURNAL OF INDIA	14	44	58
64	JOURNAL OF BIOLOGICAL CONTROL	22	34	56
65	INTERNATIONAL JOURNAL OF TROPICAL PLANT DISEASES	11	43	54
66	JOURNAL OF PHYTOLOGICAL RESEARCH	16	37	53
67	INDIAN JOURNAL OF PLANT PROTECTION	11	41	52
68	JOURNAL OF ADVANCED ZOOLOGY	11	41	52
69	BIOLOGICAL MEMOIRS	38	13	51
70	INDIAN JOURNAL OF ANIMAL RESEARCH	25	26	51
71	JOURNAL OF COMMUNICABLE DISEASES	21	28	49
72	INDIAN JOURNAL OF VETERINARY SURGERY	7	40	47
73	JOURNAL OF THE BOMBAY NATURAL HISTORY SOCIETY	21	26	47
74	JOURNAL OF THE ANATOMICAL SOCIETY OF INDIA	9	37	46
75	JOURNAL OF THE INDIAN POTATO ASSOCIATION	5	35	40
76	NARENDRA DEVA JOURNAL OF AGRICULTURAL RESEARCH	40	0	40
77	JOURNAL OF DAIRYING FOODS & HOME SCIENCES	0	36	36
78	JOURNAL OF ANIMAL MORPHOLOGY AND PHYSIOLOGY	0	35	35
79	TROPICAL ECOLOGY	7	27	34
80	ASIAN JOURNAL OF DAIRY RESEARCH	27	6	33
81	SEED RESEARCH (NEW DELHI)	16	17	33
82	PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES CHEMICAL SCIENCES	21	11	32

Sl No.	Journal title	Number of page		
		1992	93-94	T.
83	ASIAN JOURNAL OF PLANT SCIENCE	12	17	29
84	HEALTH AND POPULATION PERSPECTIVES AND ISSUES	14	15	29
85	INDIAN JOURNAL OF INDUSTRIAL MEDICINE	10	17	27
86	JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (INDIA)	9	18	27
87	PAVO	0	27	27
88	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	13	13	26
89	INDIAN JOURNAL OF CHEMISTRY SECTION A INORGANIC BIO-INORGANIC PHYSICAL THEORETIC	24	0	24
90	JOURNAL OF AQUACULTURE IN THE TROPICS	14	10	24
91	JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE	3	21	24
92	INDIAN JOURNAL OF CANCER	0	23	23
93	JOURNAL OF RESEARCH APAU (ANDHRA PRADESH AGRICULTURAL UNIVERSITY)	21	2	23
94	INDIAN JOURNAL OF MEDICAL SCIENCES	22	0	22
95	JOURNAL OF THE INLAND FISHERIES SOCIETY OF INDIA	22	0	22
96	INDIAN FERN JOURNAL	0	21	21
97	INDIAN JOURNAL OF NATURAL RUBBER RESEARCH	5	16	21
98	INDIAN JOURNAL OF PHYSICAL ANTHROPOLOGY AND HUMAN GENETICS	14	6	20
99	NUCLEUS (CALCUTTA)	13	6	19
100	JOURNAL OF REPRODUCTIVE BIOLOGY AND COMPARATIVE ENDOCRINOLOGY	6	11	17
101	ORIENTAL INSECTS	7	10	17
102	JOURNAL OF COFFEE RESEARCH	4	11	15
103	INDIAN JOURNAL OF EARTH SCIENCES	10	4	14
104	INDIAN JOURNAL OF PLANT PATHOLOGY	13	0	13
105	INDIAN PERFUMER	13	0	13
106	BULLETIN POSTGRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH CHANDIGARH	12	0	12
107	JOURNAL OF GENETICS	12	0	12
108	RESEARCH BULLETIN OF THE PANJAB UNIVERSITY SCIENCE	0	10	10
109	BIOMEDICAL RESEARCH (ALIGARH)	2	7	9
110	OIKOASSAY	9	0	9
111	CELL AND CHROMOSOME RESEARCH	0	7	7
112	INDIAN JOURNAL OF CHEST DISEASES & ALLIED SCIENCES	6	0	6
113	INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH	2	2	4
114	INDIAN JOURNAL OF HOSPITAL PHARMACY	2	0	2
115	INDIAN JOURNAL OF NUTRITION AND DIETETICS	2	0	2
116	PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES EARTH AND PLANETARY SCIENCES	1	1	2
117	INDIAN JOURNAL OF NATURAL PRODUCTS	1	0	1
118	PUNJAB UNIVERSITY JOURNAL OF ZOOLOGY	0	1	1
TOTAL		3959	7150	11109

**Table 7A: Distribution of Indian life sciences papers
by impact factor range of journals
[based on impact factor data from *JCR* 1992]**

IF range (<i>JCR</i> 1992)	No. of journals	Number of papers		
		1992	1993-94	Total
0.000	443	3505	6356	9861
>0.0 - 0.5	305	1820	3124	4944
>0.5 - 1.0	326	891	1236	2127
>1.0 - 1.5	206	586	908	1494
>1.5 - 2.0	125	303	413	716
>2.0 - 2.5	62	148	191	339
>2.5 - 3.0	39	74	122	196
>3.0 - 3.5	24	34	64	98
>3.5 - 4.0	11	38	94	132
>4.0 - 4.5	13	12	17	29
>4.5 - 5.0	4	2	5	7
>5.0 - 5.5	10	16	28	44
>5.5 - 6.0	4	2	3	5
>6.0 - 6.5	2	0	2	2
>6.5 - 7.0	2	17	18	35
>8.0	6	7	10	17
	1582	7455	12591	20046

**Table 7B: Distribution of Indian biological sciences papers
by impact factor range of journals
[based on impact factor data from JCR 1994]**

IF range (JCR 1994)	No. of journals	Number of papers		
		1992	1993-94	Total
0.000	408	3365	5945	9310
>0.0 - 0.5	289	1894	3272	5166
>0.5 - 1.0	345	905	1432	2337
>1.0 - 1.5	207	596	891	1487
>1.5 - 2.0	129	279	379	658
>2.0 - 2.5	73	169	248	417
>2.5 - 3.0	44	98	158	256
>3.0 - 3.5	27	47	98	145
>3.5 - 4.0	10	28	54	82
>4.0 - 4.5	15	22	39	61
>4.5 - 5.0	13	7	14	21
>5.0 - 5.5	4	8	14	22
>5.5 - 6.0	3	5	7	12
>6.0 - 6.5	3	5	10	15
>6.5 - 7.0	2	2	0	2
>7.0 - 7.5	2	5	2	7
>7.5 - 8.0	1	13	17	30
>8.0	7	7	11	18
TOTAL	1582	7455	12591	20046

Table 8: Indian institutions publishing papers as seen from BIOSIS 1992-94
[arranged by number of Indian papers]

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1	CHAUDHARY CHARAN SINGH HARYANA AGRIC UNIVERSITY	HISSAR	223	529	752
2	PUNJAB AGRIC UNIVERSITY	LUDHIANA	262	430	692
3	BANARAS HINDU UNIVERSITY	VARANASI	176	264	440
4	ALL INDIA INSTITUTE OF MED SCIENCE	NEW DELHI	152	220	372
5	INDIAN AGRIC RESEARCH INSTITUTE	NEW DELHI	137	230	367
6	UNIVERSITY OF DELHI	NEW DELHI	150	166	316
7	POSTGRADUATE INSTITUTE MED EDUCATION RESEARCH	CHANDIGARH	111	184	295
8	UNIVERSITY OF CALCUTTA	CALCUTTA	94	177	271
9	INDIAN INSTITUTE SCIENCE	BANGALORE	84	140	224
10	HIMACHAL PRADESH KRISHI VISHVAVIDYALAYA	PALAMPUR	63	159	222
11	CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE	MYSORE	67	154	221
12	CENTRAL DRUG RESEARCH INSTITUTE	LUCKNOW	103	113	216
13	ALIGARH MUSLIM UNIVERSITY	ALIGARH	92	123	215
14	INDIAN VET RESEARCH INSTITUTE	IZATNAGAR	77	132	209
15	GB PANT UNIVERSITY AGRIC AND TECHNOL	PANTNAGAR	72	114	186
16	BHABHA ATOMIC RESEARCH CENTRE	BOMBAY	66	107	173
17	BIDHAN CHANDRA KRISHI VISWAVIDYALAYA	KALYANI	66	103	169
18	MARATHWADA AGRIC UNIVERSITY	PARBHANI	38	131	169
19	PUNJABRAO KRISHI VIDYAPEETH	AKOLA	33	136	169
20	NATIONAL CHEM LAB	PUNE	56	112	168
21	JAWAHARLAL NEHRU UNIVERSITY	NEW DELHI	59	104	163
22	PANJAB UNIVERSITY	CHANDIGARH	68	95	163
23	UNIVERSITY AGRIC SCI	BANGALORE	78	83	161
24	UNIVERSITY OF MADRAS	MADRAS	62	95	157
25	MAHATMA PHULE AGRIC UNIVERSITY	RAHURI	37	115	152
26	SRI VENKATESWARA UNIVERSITY	TIRUPATI	75	70	145
27	TATA MEML CENTRE	BOMBAY	65	79	144
28	GUJARAT AGRIC UNIVERSITY	ANAND	48	93	141
29	ANDHRA PRADESH AGRIC UNIVERSITY	HYDERABAD	43	93	136
30	INDIAN INSTITUTE CHEMICAL BIOLOGY	CALCUTTA	57	79	136
31	NORTH-EASTERN HILL UNIVERSITY	SHILLONG	50	86	136

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
32	CHRISTIAN MED COLLEGE HOSP	VELLORE	44	90	134
33	OSMANIA UNIVERSITY	HYDERABAD	61	72	133
34	BOSE INSTITUTE	CALCUTTA	54	77	131
35	RAJASTHAN AGRIC UNIVERSITY	BIKANER	42	86	128
36	INDUSTRIAL TOXICOLOGY RESEARCH CENTRE	LUCKNOW	55	71	126
37	ANDHRA UNIVERSITY	VISAKHAPATNAM	50	74	124
38	INT CROPS RESEARCH INSTITUTE SEMI-ARID TROPICS	PATANCHERU	52	72	124
39	JAWAHARLAL NEHRU KRISHI VISHWAVIDYALAYA	JABALPUR	31	92	123
40	NATIONAL DAIRY RESEARCH INSTITUTE	KARNAL	52	68	120
41	NATIONAL INSTITUTE IMMUNOLOGY	NEW DELHI	35	85	120
42	BIRSA AGRIC UNIVERSITY	RANCHI	34	85	119
43	TAMIL NADU AGRIC UNIVERSITY	COIMBATORE	32	84	116
44	MADRAS VET COLLEGE	MADRAS	30	85	115
45	ASSAM AGRIC UNIVERSITY	JORHAT	23	91	114
46	INDIAN INSTITUTE HORTICULTURAL RESEARCH	BANGALORE	46	66	112
47	CENTRAL INSTITUTE MED AROMATIC PLANTS	LUCKNOW	39	67	106
48	INDIAN COUNC FORESTRY RESEARCH EDUCATION	DEHRA DUN	41	62	103
49	UNIVERSITY AGRIC SCI	DHARWAD	38	63	101
50	INDIA INSTITUTE CHEM TECHNOL	HYDERABAD	47	52	99
51	LUCKNOW UNIVERSITY	LUCKNOW	51	48	99
52	COLLEGE VET ANIM SCI	TRICHUR	24	71	95
53	NATIONAL INSTITUTE OCEANOGRAPHY	DONA PAULA	26	68	94
54	UNIVERSITY OF KERALA	KARIAVATTOM	33	61	94
55	MAHARAJA SAYAJIRAO UNIVERSITY	BARODA	30	60	90
56	RAJENDRA AGRIC UNIVERSITY	SAMASTIPUR	32	58	90
57	NATIONAL BOTANICAL RESEARCH INSTITUTE	LUCKNOW	33	54	87
58	CENTRAL CELLULAR MOLECULAR BIOL	HYDERABAD	35	51	86
59	DR Y S PARMAR UNIVERSITY HORTICULTURE FORESTRY	SOLAN	26	57	83
60	BURDWAN UNIVERSITY	BURDWAN	33	49	82
61	ORISSA UNIVERSITY AGRIC TECHNOL	BHUBANESWAR	22	58	80
62	NARENDRA DEVA UNIVERSITY AGRIC TECHNOL	FAIZABAD	39	40	79
63	UNIVERSITY OF RAJASTHAN	JAIPUR	18	61	79
64	PUNJABI UNIVERSITY	PATIALA	31	47	78

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
65	SHER-E-KASHMIR UNIVERSITY AGRIC SCI TECHNOL	SRINAGAR	37	41	78
66	UNIVERSITY OF KALYANI	KALYANI	29	49	78
67	BHARATHIAR UNIVERSITY	COIMBATORE	23	52	75
68	UNIVERSITY OF GORAKHPUR	GORAKHPUR	41	34	75
69	UNIVERSITY OF HYDERABAD	HYDERABAD	31	44	75
70	MADURAI KAMARAJ UNIVERSITY	MADURAI	26	44	70
71	NATIONAL INSTITUTE OF MENTAL HEALTH	BANGALORE	16	53	69
72	KARNATAK UNIVERSITY	DHARWAD	29	39	68
73	SANJAY GANDHI POST-GRADUATE INSTITUTE MED SCI	LUCKNOW	23	45	68
74	KURUKSHETRA UNIVERSITY	KURUKSHETRA	18	49	67
75	JADAVPUR UNIVERSITY	CALCUTTA	24	42	66
76	KASTURBA MED COLLEGE & HOSP (KARNATAKA)	MANIPAL (KA)	28	38	66
77	UNIVERSITY OF MYSORE	MYSORE	19	47	66
78	KAKATIYA UNIVERSITY	WARANGAL	23	38	61
79	SREE CHITRA TIRUNAL INSTITUTE MED SCI AND TECHNOL	TRIVANDRUM	24	36	60
80	CHANDRA SHEKHAR AZAD UNIVERSITY AGRIC AND TECHNOLOGY	KANPUR	19	40	59
81	INDIAN INSTITUTE TECHNOLOGY	BOMBAY	25	34	59
82	KONKAN AGRIC UNIVERSITY	DAPOLI	16	43	59
83	BHAGALPUR UNIVERSITY	BHAGALPUR	25	33	58
84	KING GEORGE'S MED COLLEGE	LUCKNOW	28	30	58
85	NATIONAL INSTITUTE NUTRITION	HYDERABAD	29	29	58
86	INDIAN STATISTICAL INSTITUTE	CALCUTTA	13	44	57
87	SARDAR PATEL UNIVERSITY	VALLABH VIDYANAGAR	31	26	57
88	JAWAHARLAL INSTITUTE OF POST- GRADUATE MED EDUCATION RESEARCH	PONDICHERRY	23	33	56
89	KUMAUN UNIVERSITY	NAINITAL	18	38	56
90	NAGPUR UNIVERSITY	NAGPUR	19	37	56
91	BHAVNAGAR UNIVERSITY	BHAVNAGAR	28	27	55
92	BOTANICAL SURVEY INDIA	HOWRAH	13	42	55
93	CENTRAL SOIL SALINITY RESEARCH INSTITUTE	KARNAL	17	38	55
94	MAULANA AZAD MED COLLEGE	NEW DELHI	25	30	55
95	VECTOR CONTROL RESEARCH CENTRE	PONDICHERRY	24	31	55
96	INDIAN INSTITUTE TECHNOL	KHARAGPUR	17	36	53
97	NATIONAL INSTITUTE OCCUP HEALTH	AHMEDABAD	28	25	53
98	DEVI AHILYA VISHWA VIDYALAYA	INDORE	22	30	52

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
99	DEFENCE RESEARCH AND DEV ESTABLISHMENT	GWALIOR	18	32	50
100	CENTRAL RICE RESEARCH INSTITUTE	CUTTACK	23	26	49
101	UNIVERSITY OF CALICUT	CALICUT	15	34	49
102	UNIVERSITY POONA	PUNE	23	26	49
103	COLLEGE VET SCI AND ANIM HUSBANDRY	JABALPUR	23	25	48
104	INDIAN INSTITUTE TECHNOL	NEW DELHI	12	36	48
105	BERHAMPUR UNIVERSITY	BERHAMPUR	20	27	47
106	INDIAN INSTITUTE TECHNOL	MADRAS	16	31	47
107	REGIONAL RESEARCH LAB	JAMMU TAWI	17	30	47
108	ST JOHN'S MED COLLEGE	BANGALORE	19	28	47
109	CENTRAL AVIAN RESEARCH INSTITUTE	IZATNAGAR	22	24	46
110	GURU NANAK DEV UNIVERSITY	AMRITSAR	20	26	46
111	INSTITUTE RESEARCH IN REPRODUCTION	BOMBAY	17	29	46
112	UNIVERSITY OF BOMBAY	BOMBAY	24	22	46
113	INDIRA GANDHI AGRIC UNIVERSITY	RAIPUR	10	35	45
114	MEERUT UNIVERSITY	MEERUT	14	31	45
115	RANI DURGAVATI UNIVERSITY	JABALPUR	17	28	45
116	SK UNIVERSITY	ANANTAPUR	18	27	45
117	CENTRAL SERICULTURAL RESEARCH TRAINING INSTITUTE	MYSORE	17	27	44
118	INDIAN ASSOC CULTIVATION SCI	CALCUTTA	19	25	44
119	KERALA AGRIC UNIVERSITY	TRICHUR	17	27	44
120	MD UNIVERSITY	ROHTAK	15	29	44
121	DR HS GOUR VISHWAVIDYALAYA	SAGAR	13	30	43
122	NATIONAL INSTITUTE CHOLERA ENTERIC DISEASES	CALCUTTA	18	25	43
123	VISVA-BHARATI UNIVERSITY	SANTINIKETAN	11	32	43
124	CENTRAL MARINE FISHERIES RESEARCH INSTITUTE	COCHIN	20	22	42
125	TATA INSTITUTE FUNDAMENTAL RESEARCH	BOMBAY	19	23	42
126	CENTRAL ARID ZONE RESEARCH INSTITUTE	JODHPUR	11	30	41
127	HNB GARHWAL UNIVERSITY	SRINAGAR	9	32	41
128	MACS RESEARCH INSTITUTE	PUNE	9	32	41
129	UNIVERSITY OF JODHPUR	JODHPUR	16	24	40
130	MALARIA RESEARCH CENTRE	NEW DELHI	7	32	39
131	BARKATULLAH UNIVERSITY	BHOPAL	6	31	37
132	REGIONAL RESEARCH LAB	TRIVANDRUM	13	24	37
133	CENTRAL LEATHER RESEARCH INSTITUTE	MADRAS	13	23	36

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
134	UNIVERSITY OF JAMMU	JAMMU TAWI	13	23	36
135	NIZAM COLLEGE	HYDERABAD	16	19	35
136	RAVISHANKAR UNIVERSITY	RAIPUR	14	21	35
137	SETH G S MED COLLEGE	BOMBAY	13	22	35
138	BANGALORE UNIVERSITY	BANGALORE	15	19	34
139	UNIVERSITY OF ALLAHABAD	ALLAHABAD	13	20	33
140	UNIVERSITY COLLEGE MED SCI	NEW DELHI	13	20	33
141	NATIONAL BUREAU OF PLANT GENETIC RESOURCE	NEW DELHI	17	15	32
142	UNIVERSITY OF ROORKEE	ROORKEE	13	19	32
143	UTKAL UNIVERSITY	BHUBANESWAR	14	18	32
144	AGRIC COLLEGE AND RESEARCH INSTITUTE	MAOURAI	7	23	30
145	BIRBAL SAHNI INSTITUTE PALAEOBOTANY	LUCKNOW	13	17	30
146	INDIAN INSTITUTE OF TECHNOL	KANPUR	14	16	30
147	MEDICAL COLLEGE	ROHTAK	16	14	30
148	NATIONAL INSTITUTE VIROLOGY	PUNE	7	23	30
149	SHIVAJI UNIVERSITY	KOLHAPUR	14	16	30
150	VIKRAM UNIVERSITY	UJJAIN	12	18	30
151	CHITTARANJAN NATIONAL CANCER INSTITUTE	CALCUTTA	5	24	29
152	MANGALORE UNIVERSITY	MANGALORE	7	22	29
153	ANNA UNIVERSITY	MADRAS	8	20	28
154	G B PANT HOSP	NEW DELHI	9	19	28
155	SAMBALPUR UNIVERSITY	SAMBALPUR	8	20	28
156	ANNAMALAI UNIVERSITY	ANNAMALAINAGAR	7	20	27
157	CENTRAL POTATO RESEARCH STATION	SHIMLA	6	21	27
158	INDIAN GRASSLAND FODDER RESEARCH INSTITUTE	JHANSI	11	16	27
159	SAHA INSTITUTE NUCLEAR PHYSICS	CALCUTTA	10	17	27
160	BHARATHIDASAN UNIVERSITY	TIRUCHIRAPALLI	5	21	26
161	COLLEGE AGRIC	GWALIOR	10	16	26
162	GEOLOGICAL SURVEY INDIA	CALCUTTA	10	16	26
163	REGIONAL CANCER CENTRE	TRIVANDRUM	9	17	26
164	TATA ENERGY RESEARCH INSTITUTE	NEW DELHI	11	15	26
165	VETERINARY COLLEGE RESEARCH INSTITUTE	NAMAKKAL	11	15	26
166	CENTRAL INSTITUTE FRESHWATER AQUACULTURE	BHUBANESWAR	14	11	25
167	FREDRICK INSTITUTE OF PLANT PROTECTION AND TOXICOL	PADAPPAL	12	13	25
168	GUJARAT UNIVERSITY	AHMEDABAD	14	11	25
169	MARATHWADA UNIVERSITY	AURANGABAD	12	13	25
170	REGIONAL RESEARCH LAB	JORHAT	9	16	25

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
171	DEFENCE FOOD RESEARCH LAB	MYSORE	6	18	24
172	HIMACHAL PRADESH UNIVERSITY	SHIMLA	12	12	24
173	NATIONAL INSTITUTE COMMUNICABLE DISEASES	NEW DELHI	10	14	24
174	VET COLLEGE	BANGALORE	8	16	24
175	ZOOLOGICAL SURVEY INDIA	CALCUTTA	7	17	24
176	NATIONAL INSTITUTE HEALTH AND FAMILY WELFARE	NEW DELHI	8	15	23
177	BAREILLY COLLEGE	BAREILLY	8	14	22
178	INDIRA GANDHI AGRIC UNIVERSITY	BILASPUR	7	15	22
179	INSTITUTE NUCLEAR MED ALLIED SCI	NEW DELHI	8	14	22
180	JIWAJI UNIVERSITY	GWALIOR	6	16	22
181	NAGARJUNA UNIVERSITY	NAGARJUNANAGAR	11	11	22
182	GUJARAT CANCER SOC	AHMEDABAD	7	14	21
183	HAMDARD UNIVERSITY	NEW DELHI	9	12	21
184	INSTITUTE MICROB TECHNOL	CHANDIGARH	5	16	21
185	RAK COLLEGE AGRIC	SEHORE	2	19	21
186	CENTRAL INSTITUTE AGRIC ENG	BHOPAL	10	10	20
187	CENTRAL TASAR RESEARCH TRAINING INSTITUTE	RANCHI	3	17	20
188	COLLEGE VET SCI ANIM HUSBANDRY	ANAND	3	17	20
189	KERALA FOREST RESEARCH INSTITUTE	TRICHUR	6	14	20
190	MED COLLEGE	CALCUTTA	8	12	20
191	RAJA BALWANT SINGH COLLEGE	AGRA	7	13	20
192	CENTRAL INSTITUTE RESEARCH GOATS	MAKHDOOM	9	10	19
193	M L SUKHADIA UNIVERSITY	UDAIPUR	9	10	19
194	MANIPUR UNIVERSITY	IMPHAL	10	9	19
195	REGIONAL MEDICAL RESEARCH CENTRE	BHUBANESWAR	2	17	19
196	SAURASHTRA UNIVERSITY	RAJKOT	8	11	19
197	TUBERCULOSIS RESEARCH CENTRE	MADRAS	3	16	19
198	BOMBAY VET COLLEGE	BOMBAY	4	14	18
199	COLLEGE FISHERIES	MANGALORE	9	9	18
200	GOA MED COLLEGE	BAMMBOLIM	5	13	18
201	RUBBER RESEARCH INSTITUTE	KOTTAYAM	5	13	18
202	SPACE APPLICATIONS CENTRE	AHMEDABAD	1	17	18
203	PONDICHERRY UNIVERSITY	PONDICHERRY	9	8	17
204	BOTANICAL SURVEY INDIA	FORT BLAIR	6	10	16
205	IDPL RESEARCH CENTRE	HYDERABAD	7	9	16
206	INDIAN IMMUNOLOGICALS	HYDERABAD	10	6	16
207	NAGPUR VET COLLEGE	NAGPUR	1	15	16
208	NATIONAL RESEARCH CENTRE EQUINES	HISSAR	4	12	16

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
209	CENTRAL TUBER CROPS RESEARCH INSTITUTE	TRIVANDRUM	3	12	15
210	COCHIN UNIVERSITY SCI AND TECHNOL	COCHIN	4	11	15
211	DEFENCE INSTITUTE PHYSIOL ALLIED SCI	NEW DELHI	7	8	15
212	GULBARGA UNIVERSITY	GULBARGA	2	13	15
213	INDIAN COUNCIL OF AGRIC RESEARCH	GANGTOK	3	12	15
214	JAMIA MILLIA ISLAMIA	NEW DELHI	3	12	15
215	L M COLLEGE PHARMACY	AHMEDABAD	4	11	15
216	LOYOLA COLLEGE	MADRAS	10	5	15
217	NATIONAL DAIRY DEVELOPMENT BOARD	ANAND	4	11	15
218	NATIONAL RESEARCH CENTRE GROUNDNUT	JUNAGADH	4	11	15
219	PATNA UNIVERSITY	PATNA	3	12	15
220	VOC COLLEGE	TUTICORIN	7	8	15
221	BOTANICAL SURVEY INDIA	COIMBATORE	5	9	14
222	CANCER INSTITUTE	MADRAS	7	7	14
223	CENTRAL AGRIC RESEARCH INSTITUTE	PORT BLAIR	3	11	14
224	CENTRAL COFFEE RESEARCH INSTITUTE	CHIKMAGALUR	4	10	14
225	CENTRAL INSTITUTE COTTON RESEARCH	NAGPUR	9	5	14
226	LOKMANYA TILAK MUNICIPAL MED COLLEGE	BOMBAY	8	6	14
227	LV PRASAD EYE INSTITUTE	HYDERABAD	5	9	14
228	ST XAVIER'S COLLEGE	PALAYANKOTTAI	7	7	14
229	UNIVERSITY OF GAUHATI	GUWAHATI	5	9	14
230	AGRA UNIVERSITY	AGRA	7	6	13
231	CENTRAL RESEARCH INSTITUTE DRYLAND AGRIC	HYDERABAD	4	9	13
232	COLLEGE VET SCI ANIAML HUSBANDRY	MHOW	6	7	13
233	DAYANAND MED COLLEGE HOSP	LUDHIANA	8	5	13
234	INDIAN INSTITUTE SUGARCANE RESEARCH	LUCKNOW	3	10	13
235	INSTITUTE IMMUNOHAEMATOL	BOMBAY	6	7	13
236	KIDWAI MEMORIAL INSTITUTE ONCOL	BANGALORE	7	6	13
237	NORTH BENGAL UNIVERSITY	SILIGURI	3	10	13
238	SUGARCANE BREEDING INSTITUTE	COIMBATORE	4	9	13
239	THAPAR CORP RESEARCH DEV CENTRE	PATIALA	5	8	13
240	AMALA CANCER RESEARCH CENTRE	TRICHUR	4	8	12

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
241	BURDWAN MED COLLEGE	BURDWAN	3	9	12
242	CENTRAL INSTITUTE RESEARCH ON BUFFALOES	HISSAR	4	8	12
243	HAFFKINE INSTITUTE	BOMBAY	2	10	12
244	INSTITUTE OF SCIENCE	BOMBAY	6	6	12
245	MAHATMA GANDHI INSTITUTE MED SCI	WARDHA	6	6	12
246	PROJECT DIRECTORATE CROPPING SYSTEMS RESEARCH	MODIPURAM	1	11	12
247	RANCHI UNIVERSITY	RANCHI	3	9	12
248	THIAGARAJAR COLLEGE	MADURAI	5	7	12
249	COLLEGE AGRIC	NAGPUR	4	7	11
250	M L B MED COLLEGE	JHANSI	2	9	11
251	NATIONAL CENTRE INTEGRATED PEST MANAGEMENT	BANGALORE	5	6	11
252	NATIONAL ENVIRONMENTAL ENG RESEARCH INSTITUTE	NAGPUR	3	8	11
253	NATIONAL PHYSICAL LAB	NEW DELHI	7	4	11
254	WILDLIFE INSTITUTE INDIA	DEHRA DUN	2	9	11
255	BJ MED COLLEGE	ARMEDABAD	8	2	10
256	CENTRAL SOIL AND WATER CONSERVATION RESEARCH AND TRAINING	CHANDIGARH	4	6	10
257	CSIR CENTRE BIOCHEMICALS	NEW DELHI	5	5	10
258	HINDUSTAN ANTIBIOTICS LIMITED	PUNE	3	7	10
259	INDIAN VET RESEARCH INSTITUTE	BANGALORE	6	4	10
260	LADY HARDINGE MED COLLEGE	NEW DELHI	1	9	10
261	NATIONAL BUREAU SOIL SURVEY AND LAND USE PLANNING	NAGPUR	3	7	10
262	NATIONAL RESEARCH CENTRE AGRO FORESTRY	JHANSI	6	4	10
263	REGIONAL MED RESEARCH CENTRE	DIBRUGARH	2	8	10
264	RNT MED COLLEGE	UDAIPUR	1	9	10
265	ROHILKHAND UNIVERSITY	BAREILLY	4	6	10
266	SPIC SCI FOUND	MADRAS	6	4	10
267	B Y L NAIR HOSP	BOMBAY	4	5	9
268	CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE	MADRAS	2	7	9
269	CENTRAL JALMA INSTITUTE LEPROSY	AGRA	4	5	9
270	CENTRAL PLANTATION CROPS RESEARCH INSTITUTE	KRISHNAPURAM	2	7	9
271	CENTRAL SERIC RESEARCH TRAINING INSTITUTE	BERHAMPORE	6	3	9
272	CENTRAL SHEEP AND WOOL RESEARCH INSTITUTE	AVIKANAGAR	3	6	9

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
273	CENTRAL SOIL WATER CONS RESEARCH TRG INSTITUTE	DEHRA DUN	2	7	9
274	DUNGAR COLLEGE	BIKANER	5	4	9
275	GOA UNIVERSITY	BAMMBOLIN	3	6	9
276	JLN MED COLLEGE	AJMER	2	7	9
277	LLRM MED COLLEGE	MEERUT	5	4	9
278	NATIONAL BUREAU OF SOIL SURVEY (NBSS)	BANGALORE	2	7	9
279	NATIONAL REMOTE SENSING AGENCY	HYDERABAD	4	5	9
280	NATIONAL RESEARCH CENTRE FOR CITRUS	NAGPUR	1	8	9
281	POULTRY RESEARCH STATION	MADRAS	3	6	9
282	RAJ RISHI COLLEGE	ALWAR	2	7	9
283	TIRHUT COLLEGE AGRIC	DHOLI	3	6	9
284	ZONAL AGRIC RESEARCH STATION	KHARGONE	1	8	9
285	AGRIC RESEARCH STATION	JALGAON	3	5	8
286	BJ WADIA HOSP CHILDREN	BOMBAY	4	4	8
287	BRD MED COLLEGE	GORAKHPUR	5	3	8
288	CENTRAL INSTITUTE OF HORTICULTURE FOR NORTHERN PLAINS	LUCKNOW	3	5	8
289	DIRECTORATE OILSEEDS RESEARCH	HYDERABAD	1	7	8
290	FATIMA MATA NATIONAL COLLEGE	QUILON	1	7	8
291	FOUNDATION MEDICAL RESEARCH	BOMBAY	3	5	8
292	HINDUSTAN LEVER RESEARCH CENTRE	BOMBAY	4	4	8
293	INT CENTRE GENET ENG AND BIOTECHNOL	NEW DELHI	1	7	8
294	MALARIA RESEARCH CENTRE	MOHANPUR	6	2	8
295	MALARIA RESEARCH CENTRE	SHAHJAHANPUR	5	3	8
296	NATIONAL DAIRY RESEARCH INSTITUTE	BANGALORE	3	5	8
297	NATIONAL RESEARCH CENTRE SPICES	CALICUT	3	5	8
298	SN MED COLLEGE	AGRA	2	6	8
299	TAMILNADU UNIVERSITY VETERINARY ANIMAL SCI	MADRAS	2	6	8
300	TRIPURA UNIVERSITY	AGARTALA	2	6	8
301	TROPICAL FOREST RESEARCH INSTITUTE	JABALPUR	4	4	8
302	VIDYASAGAR UNIVERSITY	MIDNAPORE	1	7	8
303	B J MED COLLEGE	PUNE	5	2	7
304	BIRLA INSTITUTE TECH SCI (BITS)	PILANI	2	5	7
305	CENTRAL RESEARCH MED ENTOMOL	MADURAI	5	2	7

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
306	CENTRALISED WASTE MANAGEMENT FACILITY FR AND NWM GROUP (BARC)	KALPAKKAM	4	3	7
307	CHRIST CHURCH COLLEGE	KANPUR	2	5	7
308	COLLEGE VET SCI AND ANIM HUSBANDRY	MATHURA	2	5	7
309	DAYALBAGH EDUC INSTITUTE	AGRA	2	5	7
310	DIABETES RESEARCH CENTRE	MADRAS	3	4	7
311	INDIAN INSTITUTE OF SOIL SCI	BHOPAL	2	5	7
312	ISPAT COLLEGE	ROURKELA	2	5	7
313	NATIONAL MALARIA ERADICATION PROGRAMME	NEW DELHI	2	5	7
314	NATIONAL PULSES RESEARCH CENTRE	PUDUKKOTTAI	0	7	7
315	NATIONAL RESEARCH CENTRE FOR SORGHUM	HYDERABAD	4	3	7
316	PHYSICAL RESEARCH LAB	AHMEDABAD	1	6	7
317	POST GRAD COLLEGE SCIENCE	HYDERABAD	1	6	7
318	REGIONAL PLANT RESEARCH CENTRE	BHUBANESWAR	3	4	7
319	SARDAR PATEL COLLEGE	HYDERABAD	3	4	7
320	SIR HURKISONDAS NURROTUMDAS MED RESEARCH SOCIETY	BOMBAY	2	5	7
321	ST EDMUND'S COLLEGE	SHILLONG	3	4	7
322	TILAK DHARI COLLEGE	JAUNPUR	4	3	7
323	TNB COLLEGE	BHAGALPUR	4	3	7
324	SCHELL EYE HOSPITAL VELLORE	VELLORE	0	7	7
325	AGRIC COLLEGE	DHULE	1	5	6
326	AGRIC RESEARCH STATION	BHAVANISAGAR	4	2	6
327	AMERICAN COLLEGE	MADURAI	2	4	6
328	ANIMAL NUTRITION DIV PROJECT DIRECTORATE ON CATTLE	MEERUT	3	3	6
329	BAIF DEV RESEARCH FOUNDATION	URULI KANCHAN	3	3	6
330	CAPTAIN SRINIVASA MURTI DRUG RESEARCH INSTITUTE FOR AYU	MADRAS	5	1	6
331	CENTRAL INLAND CAPTURE FISHERIES RESEARCH INSTITUTE	BARRACKPORE	5	1	6
332	CENTRAL INSTITUTE PSYCHIATRY	RANCHI	2	4	6
333	CENTRAL POTATO RESEARCH STATION	MODIPURAM	1	5	6
334	CENTRAL RESEARCH INSTITUTE	KASALI	2	4	6
335	CONIFERS RESEARCH CENTRE	SHIMLA	4	2	6
336	DARJEELING GOVERNMENT COLLEGE	DARJEELING	2	4	6
337	DAV COLLEGE	MUZAFFARNAGAR	4	2	6
338	FORENSIC SCI LAB	MADRAS	3	3	6
339	INDIAN LAC RESEARCH INSTITUTE	RANCHI	3	3	6
340	INDIAN PETROCHEM CORP LTD	VADODARA	2	4	6
341	JAWAHARLAL NEHRU TECHNOL UNIV.	HYDERABAD	1	5	6

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
342	JJ HOSPITAL	BOMBAY	1	5	6
343	MLN MEDICAL COLLEGE	ALLAHABAD	4	2	6
344	PRESIDENCY COLLEGE	CALCUTTA	3	3	6
345	SNDT WOMEN'S UNIVERSITY	BOMBAY	1	5	6
346	SUGARCANE BREEDING INSTITUTE	KARNAL	3	3	6
347	TAMIL NADU RICE RESEARCH INSTITUTE	ADUTHURAI	0	6	6
348	TOCKLAI EXPERIMENTAL STATION	JORHAT	2	4	6
349	WOCKHARDT LTD	BOMBAY	2	4	6
350	A R COLLEGE PHARMACY	VALLABH VIDYANAGAR	1	4	5
351	ABASAHEB GARWARE COLLEGE	PUNE	2	3	5
352	ALCHEMIE RESEARCH CENTRE	THANE	3	2	5
353	BIHAR UNIVERSITY	MUZAFFARPUR	2	3	5
354	BOMBAY HOSP TRUST	BOMBAY	0	5	5
355	CENTRAL FOOD LAB	CALCUTTA	2	3	5
356	CENTRAL MINING RESEARCH STATION	DHANBAD	3	2	5
357	CENTRAL POTATO RESEARCH STATION	SHILLONG	1	4	5
358	CENTRAL RAINFED UPLAND RICE RESEARCH STATION	HAZARIBAGH	5	0	5
359	CENTRAL RICE RESEARCH INSTITUTE	HYDERABAD	0	5	5
360	COLLEGE AGRIC	REWA	2	3	5
361	COLLEGE ENGINEERING	TRIVANDRUM	0	5	5
362	DEFENCE RESEARCH LAB	TEZPUR	3	2	5
363	DIBRUGARH UNIVERSITY	DIBRUGARH	1	4	5
364	DR P R GHOGREY SCI COLLEGE	DHULE	0	5	5
365	FOOD DRUG TOXICOLOGY RESEARCH CENTRE	HYDERABAD	0	5	5
366	GOVERNMENT MEDICAL COLLEGE	SURAT	1	4	5
367	GS SUGARCANE BREEDING RESEARCH INSTITUTE	DEORIA	1	4	5
368	HOECHST INDIA LTD	BOMBAY	0	5	5
369	INDIAN AGRIC RESEARCH INSTITUTE	SHIMLA	2	3	5
370	INDIAN JUTE INDUSTRIES' RESEARCH ASSOC	CALCUTTA	3	2	5
371	INSTITUTE ANIM HEALTH AND VET BIOLOGICALS	BANGALORE	2	3	5
372	INSTITUTE CHILD HEALTH	MADRAS	2	3	5
373	JN MED COLLEGE	BELGAUM	2	3	5
374	K M KUNDNANI COLLEGE PHARM	BOMBAY	0	5	5
375	KILPAUK MED COLLEGE	MADRAS	0	5	5
376	MAGADH UNIVERSITY	BODH GAYA	3	2	5

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
377	MED HOSP RESEARCH CENTRE	MORADABAD	4	1	5
378	MEDICAL COLLEGE	AMRITSAR	3	2	5
379	MUSHROOM RESEARCH LAB	SOLAN	2	3	5
380	NATIONAL RESEARCH CENTRE ON CAMEL	BIKANER	2	3	5
381	NETAJI NAGAR DAY COLLEGE	CALCUTTA	4	1	5
382	NILRATAN SIRCAR MED COLLEGE	CALCUTTA	2	3	5
383	POTASH RESEARCH INSTITUTE INDIA	GURGAON	1	4	5
384	PSG COLLEGE ARTS AND SCIENCE	COIMBATORE	2	3	5
385	REGIONAL OCCUPATIONAL HEALTH CENTRE	CALCUTTA	2	3	5
386	SAFDAR JANG HOSPITAL	NEW DELHI	3	2	5
387	SCH TROPICAL MEDICINE	CALCUTTA	1	4	5
388	TN MED COLLEGE	BOMBAY	3	2	5
389	TROPICAL BOT GARD RESEARCH INSTITUTE	TRIVANDRUM	1	4	5
390	VET POLYCLIN	GUNTUR	2	3	5
391	WADIA INSTITUTE HIMALAYAN GEOLOGY	DEHRA DUN	1	4	5
392	WILSON COLLEGE	BOMBAY	0	5	5
393	AGRIC RESEARCH STATION	NIPHAD	2	2	4
394	ARMED FORCES MED COLLEGE	PUNE	1	3	4
395	ASTRA RESEARCH CENTRE	BANGALORE	2	2	4
396	AVVM SRI PUSHPAM COLLEGE	POONDI	1	3	4
397	BHIWANDI NIZAMPUR NAGARPALIKA COLLEGE	BHIWANDI	0	4	4
398	BHOGAWATI COLLEGE	KOLHAPUR	4	0	4
399	BOMBAY NATURAL HISTORY SOCIETY	BOMBAY	1	3	4
400	BOTANICAL SURVEY INDIA	GANGTOK	2	2	4
401	C M SCIENCE COLLEGE	DARBHANGA	3	1	4
402	CENTRAL INSTITUTE COTTON RESEARCH	COIMBATORE	2	2	4
403	CENTRAL DRUGS LAB	CALCUTTA	1	3	4
404	CENTRAL INLAND CAPTURE FISHERIES RESEARCH INSTITUTE	ALLAHABAD	3	1	4
405	CENTRAL LEPROSY TEACHING RESEARCH INSTITUTE	CHENGALPATTU	2	2	4
406	CENTRAL RESEARCH INSTITUTE FOR JUTE AND ALLIED FIBRE	BARRACKPORE	2	2	4
407	CHIKKAIHA NAICKER COLLEGE	ERODE	0	4	4
408	COTTON RESEARCH STATION	BULANDSHAHAR	3	1	4
409	DEFENCE BIOENG ELECTROMED LAB	BANGALORE	0	4	4
410	DIRECTORATE PULSES RESEARCH	KANPUR	3	1	4
411	FOR SOIL-VEGETATION SURVEY EASTERN REGION KOTEBAZA	MIDNAPORE	2	2	4

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
412	GANDHI MED COLLEGE	BHOPAL	3	1	4
413	GEOL SOCIETY INDIA	BANGALORE	3	1	4
414	GOVT SCI COLLEGE	CHATRAPUR	4	0	4
415	GRAMSEVAK TRAINING CENTRE	PUNE	2	2	4
416	GURU TEG BAHADUR HOSP	NEW DELHI	2	2	4
417	INDIRA GANDHI MED COLLEGE	SHIMLA	3	1	4
418	INDIRA GANDHI NATIONAL OPEN UNIVERSITY	NEW DELHI	2	2	4
419	INSTITUTE FOREST GENETICS AND TREE BREEDING	COIMBATORE	2	2	4
420	INSTITUTE RESEARCH MED STATISTICS	NEW DELHI	3	1	4
421	JAWAHARLAL NEHRU CENTRE ADVANCED SCIENTIFIC RESEARCH	BANGALORE	1	3	4
422	M B B COLLEGE	AGARTALA	1	3	4
423	M M H POST GRADUATE COLLEGE	GHAZIABAD	3	1	4
424	M S RAMAIAH MED COLLEGE	BANGALORE	2	2	4
425	PTPS COLLEGE	PATRATU	2	2	4
426	R L T COLLEGE OF SCIENCE	AKOLA	3	1	4
427	REGIONAL OFFICE FOR HEALTH AND FAMILY WELFARE	SHILLONG	1	3	4
428	REGIONAL RESEARCH INSTITUTE	SRINAGAR	2	2	4
429	REGIONAL RESEARCH LAB	PALAMPUR	3	1	4
430	REGIONAL TASAR RESEARCH STATION	IMPHAL	3	1	4
431	SANATAN DHARM COLLEGE	MUZAFFARNAGAR	1	3	4
432	SANKARA NETHRALAYA	MADRAS	3	1	4
433	SRI RAMACHANADRA MED COLLEGE AND RESEARCH INSTITUTE	MADRAS	1	3	4
434	ST JOSEPH'S COLLEGE	TIRUCHIRAPALLI	1	3	4
435	ST XAVIER'S COLLEGE	BOMBAY	3	1	4
436	SWAMI PRAKASHANANDA AYUREVEDIC RESEARCH CENTRE	BOMBAY	0	4	4
437	THE TARABAI DESAI EYE HOSP	JODHPUR	0	4	4
438	UNIVERSITY OF HORTICULTURE AND FORESTRY	KINNAUR	3	1	4
439	VIRUDHUNAGAR HINDU NADAR'S SENTHIKUMARA NADAR COLLEGE	VIRUDHUNAGAR	1	3	4
440	VITTAL MALLYA SCIENTIFIC RESEARCH FOUNDATION	BANGALORE	3	1	4
441	VIVEKANANDA KENDRA YOGA RESEARCH	BANGALORE	0	4	4
442	VIVEKANANDA PARVATIYA KRISHI ANUSANDHAN SHALA	ALMORA	1	3	4
443	ZONAL AGRIC RESEARCH STATION	KOLHAPUR	1	3	4
444	ZONAL AGRIC RESEARCH STATION	MORENA	2	2	4
445	AGRIC RESEARCH STATION	DURGAPUR	0	3	3

Sl No	Institute	City/town	Number of papers		
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446	AGRIC RESEARCH STATION	JODHPUR	0	3	3
447	ALLAHABAD AGRIC INSTITUTE	ALLAHABAD	0	3	3
448	APOLLO HOSP	MADRAS	0	3	3
449	AWADESH PRADAP SINGH UNIVERSITY	REWA	1	2	3
450	B M COLLEGE AGRIC	KHANDWA	0	3	3
451	BA COLLEGE AGRIC	ANAND	1	2	3
452	BLOCK ANIMAL HEALTH CENTRE	JALPAIGURI	0	3	3
453	BOTANICAL SURVEY INDIA	ALLAHABAD	3	0	3
454	BURDWAN RAJ COLLEGE	BURDWAN	1	2	3
455	CALCUTTA SCH TROPICAL MED	CALCUTTA	0	3	3
456	CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE	KARAIKUDI	2	1	3
457	CENTRAL INDIAN PHARMACOPOEIA LAB	GHAZIABAD	0	3	3
458	CENTRAL INSECTICIDES LAB	FARIDABAD	3	0	3
459	CENTRAL INSTITUTE COTTON RESEARCH	SIRSA	2	1	3
460	CENTRAL INSTITUTE FISH TECHNO RESEARCH CENTRE	CALICUT	1	2	3
461	CENTRAL INSTITUTE FISHERIES EDUCATION	BOMBAY	1	2	3
462	CENTRAL POTATO RESEARCH STATION	JALANDHAR	1	2	3
463	CENTRAL SERICULTURAL RESEARCH TRAIN INSTITUTE	ANANTAPUR	0	3	3
464	CENTRAL SERICULTURAL RESEARCH TRAINING	COONOR	0	3	3
465	CHRISTIAN MED COLLEGE	LUDHIANA	2	1	3
466	COLLEGE AGRIC	JUNAGADH	0	3	3
467	COLLEGE AGRIC	TRIVANDRUM	3	0	3
468	COLLEGE TECHNOL AND AGRIC ENG	UDAIPUR	0	3	3
469	COUNCIL OF SCIENTIFIC INDUSTRIAL RESEARCH	PALAMPUR	0	3	3
470	CROP RESEARCH CENTRE	GHAZIPUR	0	3	3
471	DANIELSON COLLEGE	CHHINDWARA	0	3	3
472	DAV COLLEGE	DEHRA DUN	0	3	3
473	DEFENCE AGRIC RESEARCH LAB	PITHORAGARH	1	2	3
474	DELHI SCAN RESEARCH CENTRE SIR GANGA RAM HOSPITAL	NEW DELHI	2	1	3
475	DHARMAUANT COLLEGE SCI COMMERCE	HYDERABAD	1	2	3
476	DS COLLEGE	ALIGARH	0	3	3
477	ESCORTS HEART INSTITUTE RESEARCH CENTRE	NEW DELHI	0	3	3
478	GANESH SCI RESEARCH FOUNDATION	NEW DELHI	0	3	3

Sl No	Institute	City/town	Number of papers		
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479	GOVERNMENT ARTS COLLEGE	COIMBATORE	1	2	3
480	GOVERNMENT MED COLLEGE	JAMMU TAWI	3	0	3
481	GOVT ARTS COLLEGE	MADRAS	2	1	3
482	GOVT MH COLLEGE HOME SCIENCE	JABALPUR	1	2	3
483	GOVT POST-GRADUATE COLLEGE	BAGESHWAR	2	1	3
484	GSVM MED COLLEGE	KANPUR	1	2	3
485	GUJARAT AYURVED UNIVERSITY	JAMNAGAR	0	3	3
486	GURU NANAK COLLEGE	MADRAS	0	3	3
487	HD JAIN COLLEGE	ARRAH	1	2	3
488	HINDU COLLEGE	MORADABAD	1	2	3
489	HINDUSTAN CIBA-GEIGY LTD	BOMBAY	3	0	3
490	HORTIC COLLEGE RESEARCH INSTITUTE	PERIYAKULAM	2	1	3
491	INDIAN AGRIC RESEARCH INSTITUTE	KULU	2	1	3
492	INDIAN COUNCIL OF AGRIC RESEARCH	IMPHAL	0	3	3
493	INDIAN COUNCIL OF MEDICAL RESEARCH	JODHPUR	1	2	3
494	INDIAN INSTITUTE EDUCATION	PUNE	3	0	3
495	INDIAN INSTITUTE MED SCIENCES	NEW DELHI	3	0	3
496	INDIAN INSTITUTE TROPICAL METEOROL	PUNE	0	3	3
497	INDIAN SPACE RESEARCH ORGANISATION	BANGALORE	2	1	3
498	INDIRA GANDHI INSTITUTE DEV RESEARCH	BOMBAY	1	2	3
499	INDIRA GANDHI MED COLLEGE	NAGPUR	1	2	3
500	INDIRA GANDHI NATIONAL FOR ACADAMY	DEHRA DUN	0	3	3
501	JAMAL MOHAMED COLLEGE	TIRUCHIRAPALLI	0	3	3
502	JHARGRAM RAJ COLLEGE	JHARGRAM	2	1	3
503	K R G POST GRAD COLLEGE	GWALIOR	2	1	3
504	KARNATAKA STATE SERICULTURE DEVELOPMENT INSTITUTE	BANGALORE	0	3	3
505	KEM HOSPITAL	PUNE	3	0	3
506	KRISHNA INSTITUTE MEDICAL SCIENCE	KARAD	2	1	3
507	LADY DOAK COLLEGE	MADURAI	0	3	3
508	LIVESTOCK RESEARCH AND DEV CENTRE	DHARMAPURI	0	3	3
509	MAHATMA GANDHI COLLEGE	GORAKHPUR	2	1	3
510	MAIZE RESEARCH STATION	HYDERABAD	0	3	3
511	MALARIA RESEARCH CENTRE	HARDWAR	1	2	3
512	MALARIA RESEARCH CENTRE	PANAJI	2	1	3
513	MANONMANIAM SUNDARANAR UNIVERSITY	TIRUNELVELI	0	3	3

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
514	MECHERI SHEEP RES. STATION	SALEM	0	3	3
515	MEERUT COLLEGE	MEERUT	3	0	3
516	MIL FARMS SCH RESEARCH CENTRE	MEERUT	1	2	3
517	MP SHAH MED COLLEGE	JAMNAGAR	2	1	3
518	MS COLLEGE	SAHARANPUR	1	2	3
519	NATIONAL AGRIC RESEARCH PROJECT	KALIMELA	1	2	3
520	NATIONAL AGRIC RESEARCH PROJECT	SINDEWAHI	0	3	3
521	NATIONAL CENTRE INTEGRATED PEST MANAGEMENT	FARIDABAD	0	3	3
522	NATIONAL INSTITUTE OCEANOGRAPHY	COCHIN	3	0	3
523	NATIONAL INSTITUTE SCI TECHNOL	NEW DELHI	1	2	3
524	NATIONAL RESEARCH CENTRE SOYBEAN	INDORE	2	1	3
525	NATIONAL TUBERCULOSIS INSTITUTE	BANGALORE	1	2	3
526	PANDIT JAWAHAR LAL NEHRU COLLEGE AGRIC	KARAIKAL	1	2	3
527	PATNA WOMEN'S COLLEGE	PATNA	2	1	3
528	PROJECT DIRECTORATE ON POULTRY	HYDERABAD	0	3	3
529	PUNJAB FORESTRY RESEARCH INSTITUTE	FAISALABAD	0	3	3
530	REG FORENSIC SCI LAB STATE LAB	AURANGABAD	0	3	3
531	REG HORTIC RESEARCH STATION	JACHH	0	3	3
532	REGIONAL AGRIC RESEARCH STATION	ANAKAPALLE	0	3	3
533	REGIONAL AGRIC RESEARCH STATION	GUNTUR	1	2	3
534	REGIONAL AGRIC RESEARCH STATION	PALEM	2	1	3
535	REGIONAL RESEARCH STATION	BAJAURA	2	1	3
536	REPRODUCTIVE PHYSIOL AND BIOCHEM UNIT	BANGALORE	0	3	3
537	RISHI BANKIM CHANDRA COLLEGE	NAIHATI	1	2	3
538	RLSY COLLEGE	AURANGABAD	0	3	3
539	S S L JAIN COLLEGE	VIDISHA	1	2	3
540	SDM COLLEGE DENT SCI	DHARWAD	0	3	3
541	SHIBLI NATIONAL POST-GRADUATE MED COLLEGE	AZAMGARH	3	0	3
542	SMC COLLEGE DAIRY SCI	ANAND	1	2	3
543	SMM TOWN POST-GRADUATE COLLEGE	BALLIA	0	3	3
544	ST ALOYSIUS COLLEGE	MANGALORE	1	2	3
545	ST JOHN'S COLLEGE	AGRA	0	3	3
546	ST JOSEPH'S COLLEGE	BANGALORE	1	2	3

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
547	SUGARCANE BREEDING INSTITUTE RESEARCH CENTRE	CANNANORE	1	2	3
548	SUGARCANE RESEARCH INSTITUTE	SAMASTIPUR	2	1	3
549	TAMIL NADU AGRIC UNIVERSITY	METTUPALAYAM	3	0	3
550	TAMIL NADU VET AND ANIM SCI UNIVERSITY	TUTICORIN	0	3	3
551	TAMIL NADU VET ANIM SCI UNIVERSITY	KATTUPAKKAM	2	1	3
552	UPASI TEA RESEARCH INSTITUTE	VALPARAI	1	2	3
553	VIMALA DERMATOL CENTRE	BOMBAY	1	2	3
554	VSS MED COLLEGE HOSP	BURLA	1	2	3
555	WILLINGDON HOSPITAL	MADRAS	0	3	3
556	AB HOSP	CALCUTTA	0	2	2
557	AGRIC COLLEGE RESEARCH INSTITUTE	KILLIKULAM	2	0	2
558	AGRIC RESEARCH STATION	KARAD	0	2	2
559	AGRIC RESEARCH STATION	KOVILPATTI	1	1	2
560	AGRIC RESEARCH STATION	MARUTERU	0	2	2
561	AGRIC RESEARCH STATION	PHONDAGHAT	1	1	2
562	AHMEDNAGAR COLLEGE	AHMEDNAGAR	0	2	2
563	ALL INDIA INSTITUTE HYG PUBLIC HEALTH	CALCUTTA	0	2	2
564	ALL INDIA SOIL LAND USE SURVEY	BANGALORE	2	0	2
565	AMAR SINGH COLLEGE	BULADNSHAHR	1	1	2
566	ANDRA PRADESH OPEN UNIVERSITY	HYDERABAD	1	1	2
567	ANTHROPOL SURV INDIA	CALCUTTA	0	2	2
568	ARAVIND EYE HOSP AND PG INSTITUTE OPHTHALMOLOGY	MADURAI	0	2	2
569	ARID FORESTRY RESEARCH INSTITUTE	JODHPUR	0	2	2
570	AVINASHILINGAM INSTITUTE HOME SCIENCE	COIMBATORE	2	0	2
571	B N COLLEGE	PATNA	0	2	2
572	B S A COLLEGE	MATHURA	1	1	2
573	BAIKUNTHI DEVI KANYA MAHAVIDYALAYA	AGRA	0	2	2
574	BANANA RESEARCH STATION	TRICHUR	0	2	2
575	BANGABASI COLLEGE	CALCUTTA	1	1	2
576	BASE HOSP	LUCKNOW	1	1	2
577	BBSC COLLEGE	AMRAVATI	2	0	2
578	BHARATHI WOMEN'S COLLEGE	MADRAS	0	2	2
579	BHAVAN'S COLLEGE	BOMBAY	0	2	2
580	BISWANATH COLLEGE AGRIC	SONITPUR	0	2	2
581	BJB COLLEGE	BHUBANESWAR	2	0	2
582	BOTANICAL SURVEY INDIA	DEHRA DUN	2	0	2
583	BOTANICAL SURVEY INDIA	IZATNAGAR	2	0	2

Sl No	Institute	City/town	Number of papers		
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584	BSNV DEGREE COLLEGE	LUCKNOW	1	1	2
585	CASHEW RESEARCH STATION	MADAKKATHARA	0	2	2
586	CENTRAL FOOD TECHNOL RESEARCH INSTITUTE	LUDHIANA	2	0	2
587	CENTRAL INLAND CAPTURE FISHERIES RESEARCH INSTITUTE	BANGALORE	1	1	2
588	CENTRAL INLAND CAPTURE FISHERIES RESEARCH STATION	CALCUTTA	1	1	2
589	CENTRAL INSTITUTE FISH TECHNOLOGY RESEARCH CENTRE	BURLA	1	1	2
590	CENTRAL INSTITUTE MED AND AROMATIC PLANTS	BANGALORE	0	2	2
591	CENTRAL INSTITUTE RESEARCH COTTON TECHNOLOGY	BOMBAY	2	0	2
592	CENTRAL LABOUR INSTITUTE	BOMBAY	1	1	2
593	CENTRAL MAR FISH RESEARCH INSTITUTE	MANGALORE	1	1	2
594	CENTRAL PLANTATION CROPS RESEARCH INSTITUTE	VITTAL	2	0	2
595	CENTRAL POLLUTION CONTROL BOARD	BANGALORE	0	2	2
596	CENTRAL POTATO RESEARCH INSTITUTE	PATNA	2	0	2
597	CENTRAL RESEARCH AQUATIC ENTOMOL MADURA COLLEGE	MADURAI	2	0	2
598	CENTRAL RESEARCH INSTITUTE	NEW DELHI	0	2	2
599	CENTRAL RICE RESEARCH INSTITUTE	HAZARIBAGH	0	2	2
600	CENTRAL SHEEP WOOL RESEARCH INSTITUTE	MANNAVANUR	2	0	2
601	CENTRAL SOIL AND WATER CONSERVATION RESEARCH	JAIPUR	0	2	2
602	CENTRAL SOIL AND WATER CONSERVATION RESEARCH AND TRAINING INST. RES. CENT.	BELLARY	0	2	2
603	CENTRAL TUBER CROPS RESEARCH INSTITUTE	BHUBANESWAR	0	2	2
604	CENTRE EARTH SCI STUDIES	TRIVANDRUM	1	1	2
605	CENTRE WILDLIFE STUDIES	MYSORE	2	0	2
606	CFTRI-REGIONAL CENTRE	HYDERABAD	2	0	2
607	CHANDIGARH MEDICAL COLLEGE	CHANDIGARH	2	0	2
608	CHEM RESEARCH UNIT (CCRAS) REGIONAL RESEARCH INSTITUTE	CALCUTTA	0	2	2
609	CHIEF CONSERVATOR FOREST RESEARCH	BHUBANESWAR	0	2	2
610	CHILDREN MED CENTRE	NEW DELHI	2	0	2
611	CHRIST COLLEGE	IRINJALAKUDA	0	2	2

Sl No	Institute	City/town	Number of papers		
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612	CHRISTIAN FELLOWSHIP COMMUNITY HEALTH CENTRE	AMBILIKKAI	0	2	2
613	CJIL FIELD UNIT	MADRAS	1	1	2
614	COLLEGE AGRIC	LATUR	0	2	2
615	COLLEGE AGRIC	PARBHANI	0	2	2
616	COLLEGE HOME SCIENCE	HYDERABAD	2	0	2
617	COLLEGE VET AND ANIM SCI	PALAMPUR	0	2	2
618	COLLEGE VET AND ANIM SCI	PARBHANI	0	2	2
619	COROMANDAL INDIA GROUP	MADRAS	0	2	2
620	CROP SYST RESEARCH CENTRE	TRIVANDRUM	0	2	2
621	CROPPING SYSTEMS RESEARCH	MEERUT	2	0	2
622	DAYANAND POST-GRADUATE COLLEGE	HISSAR	1	1	2
623	DECCAN COLLEGE POST GRAD RESEARCH INSTITUTE	PUNE	1	1	2
624	DEFENCE LAB	JODHPUR	0	2	2
625	DEFENCE METALLURGICAL RESEARCH LAB	HYDERABAD	0	2	2
626	DESH BANDHU COLLEGE	NEW DELHI	0	2	2
627	DIR RICE RESEARCH	HYDERABAD	2	0	2
628	DIRECTORATE WHEAT RESEARCH	KARNAL	0	2	2
629	DRY FARMING RESEARCH STATION	SOLAPUR	0	2	2
630	EMBRYO TRANSFER STATE CENTRE	ERODE	2	0	2
631	FOREST RESEARCH CENTRE	JALNA	2	0	2
632	G N KHALSA COLLEGE	BOMBAY	1	1	2
633	GANDHIGRAM RURAL UNIVERSITY	GANDHIGRAM	0	2	2
634	GB PANT INSTITUTE HIMALAYAN ENVIRON DEVELOPMENT	GANGTOK	0	2	2
635	GOVERNMENT MED COLLEGE	NAGPUR	1	1	2
636	GOVERNMENT PG COLLEGE	KOTDWARA	2	0	2
637	GOVERNMENT PG COLLEGE	RISHIKESH	2	0	2
638	GOVT COLLEGE	RAJAHMUNDRY	0	2	2
639	GOVT FRUIT PRESERV CANNING INSTITUTE	LUCKNOW	0	2	2
640	GOVT GIRLS PG COLLEGE	GWALIOR	0	2	2
641	GOVT MED COLLEGE	JAMMU TAWI	0	2	2
642	GOVT MEDICAL COLLEGE	CHANDIGARH	0	2	2
643	GUJARAT STATE FERTILIZERS CO LTD	BARODA	1	1	2
644	GURU NANAK EYE CENTRE	NEW DELHI	1	1	2
645	GURUKULA KANGRI UNIVERSITY	HARDWAR	1	1	2
646	HARCOURT BUTLER TECHNOL INSTITUTE	KANPUR	0	2	2
647	HOLY CROSS COLLEGE	NAGARCOIL	1	1	2
648	HOMOEOPATHIC PHARMACCOL LAB	GHAZIABAD	2	0	2
649	HOOGHLY MOHSIN COLLEGE	CHINSURAH	0	2	2
650	ICRP POULTRY FOR EGGS	HYDERABAD	0	2	2

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
651	INDIAN GRAIN STORAGE INSTITUTE	JABALPUR	2	0	2
652	INDIAN INSTITUTE FOR MANAGEMENT	BHOPAL	0	2	2
653	INDIAN METEOROLOGICAL DEP	PUNE	0	2	2
654	INDIAN VET RESEARCH INSTITUTE	NAINITAL	2	0	2
655	INSTITUTE AEROSP MEDICINE	BANGALORE	1	1	2
656	INSTITUTE DECIDOUS FOREST	JABALPUR	1	1	2
657	INSTITUTE OF SCIENCE	AURANGABAD	0	2	2
658	INSTITUTE REMOTE SENSING	DEHRA DUN	0	2	2
659	INSTITUTE VETERINARY PREVENTIVE MEDICINE	RANIPET	1	1	2
660	J AND J DECHANE LAB PVT LTD	HYDERABAD	1	1	2
661	JANATA SHIKSHANA SAMITI'S COLLEGE	DHARWAD	0	2	2
662	JV COLLEGE	BARAUT	2	0	2
663	JV POST-GRADUATE COLLEGE	MEERUT	1	1	2
664	KAMLA NEHRU INSTITUTE PHYSICAL SOCIAL SCIENCES	SULTANPUR	1	1	2
665	KLE SOCIETY'S HOSP MED RESEARCH CENTRE	BELGAUM	0	2	2
666	KONGUNADU ARTS SCIENCE COLLEGE	COIMBATORE	0	2	2
667	L N MITHILA UNIVERSITY	DARBHANGA	1	1	2
668	LUPIN LAB LTD	AURANGABAD	0	2	2
669	MADURAI MED COLLEGE	MADURAI	0	2	2
670	MALABAR CHRISTIAN COLLEGE	CALICUT	0	2	2
671	MARWARI COLLEGE	RANCHI	1	1	2
672	MED COLLEGE	JAIPUR	2	0	2
673	MGM MED COLLEGE	INDORE	0	2	2
674	MINISTRY ENVIRON FOREST	NEW DELHI	0	2	2
675	MODEL CENTRE OCCUPATIONAL HEALTH SERV BHEL	TIRUCHIRAPALLI	0	2	2
676	MODERN COLLEGE	PUNE	1	1	2
677	NARGUND COLLEGE PHARM	BANGALORE	0	2	2
678	NAT BUREAU PLANT GENETIC RESOURCES	SHILLONG	1	1	2
679	NATIONAL AGRIC AND SCIENCE RESEARCH FOUNDATION	CALCUTTA	1	1	2
680	NATIONAL AGRIC RESEARCH PROJECT (NARP)	BALASORE	0	2	2
681	NATIONAL BUR PLANT GENETIC RESEARCH	TRICHUR	0	2	2
682	NATIONAL BUREAU ANIM GENETIC RESEARCH	KARNAL	0	2	2
683	NATIONAL BUREAU OF PLANT GENETIC RESEARCH	PHAGLI	0	2	2

Sl No	Institute	City/town	Number of papers		
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684	NATIONAL BUREAU OF PLANT GENETICS RESEARCH	SHIMLA	1	1	2
685	NATIONAL BUREAU OF PLANT GENETICS RESEARCH (NBPGR)	JODHPUR	0	2	2
686	NATIONAL BUREAU OF SOIL SURVEY AND LAND USE PLANNING	CALCUTTA	0	2	2
687	NATIONAL BUREAU OF SOIL SURVEY AND LAND USE PLANNING	UDAIPUR	0	2	2
688	NATIONAL BUREAU SOIL SURVEY LAND USE PLANNING	JORHAT	0	2	2
689	NATIONAL FAC ANIMAL TISSUE CELL CULTURE	PUNE	0	2	2
690	NATIONAL FAC PLANT TISSUE CULT	NEW DELHI	0	2	2
691	NATIONAL INSTITUTE ANIMAL GENETICS	KARNAL	0	2	2
692	NATIONAL INSTITUTE HYDROL	ROORKEE	1	1	2
693	NATIONAL METALLURGICAL LAB	JAMSHEDPUR	2	0	2
694	NATIONAL RESEARCH CENTRE WEED SCIENCE	JABALPUR	0	2	2
695	NATIONAL SUGAR INSTITUTE	KANPUR	1	1	2
696	NAVAL CHEM AND METALLURGICAL LAB	BOMBAY	1	1	2
697	NETAJI SUBHAS SOUTHERN CENTRE	BANGALORE	1	1	2
698	ORISSA BIOL PROD INSTITUTE	BHUBANESWAR	2	0	2
699	PACHAIYAPPA'S COLLEGE WOMEN	KANCHEEPURAM	1	1	2
700	PADDY PROCESSING RESEARCH CENTRE	THANJAVUR	0	2	2
701	PDA COLLEGE ENGINEERING	GULBARGA	0	2	2
702	PRESIDENCY COLLEGE	MADRAS	0	2	2
703	PURNIA COLLEGE	PUARNEA	0	2	2
704	R G KAR MED COLLEGE	CALCUTTA	1	1	2
705	R J COLLEGE	BOMBAY	1	1	2
706	RAGHUDEEP EYE CLIN	AHMEDABAD	0	2	2
707	RAJA MAHENDRA PRATAP COLLEGE	HARDWAR	0	2	2
708	RAJENDRA MEMORIAL RESEARCH INSTITUTE MED SCIENCES	PATNA	2	0	2
709	RAMNARAIN RUIA COLLEGE	BOMBAY	2	0	2
710	REG AGRIC RESEARCH STATION	KUMARAKOM	2	0	2
711	REGIONAL AGRIC RESEARCH STATION	DIPHU	0	2	2
712	REGIONAL AGRIC RESEARCH STATION	JAGTYAL	1	1	2
713	REGIONAL AGRIC RESEARCH STATION	PATTAMBI	0	2	2
714	REGIONAL COCONUT RESEARCH STATION	BHATYE-RATNAGIRI	0	2	2
715	REGIONAL COLLEGE EDUCATION	BHUBANESWAR	2	0	2

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
716	REGIONAL ENG COLLEGE	TIRUCHIRAPALLI	1	1	2
717	REGIONAL FRUIT RESEARCH STATION	PUNE	0	2	2
718	REGIONAL GEOL LAB	MADRAS	0	2	2
719	REGIONAL LAB COMPLEX	MOHANPUR	0	2	2
720	REGIONAL REHABILITATION CENTRE	SALEM	1	1	2
721	REGIONAL RESEARCH STATION	BRAHMAVAR	2	0	2
722	REGIONAL RESEARCH STATION	KEONJHAR	0	2	2
723	REGIONAL RESEARCH STATION	KORAPUT	1	1	2
724	REGIONAL RESEARCH STATION	MUDIGERE	0	2	2
725	REGIONAL RESEARCH STATION	ROPAR	0	2	2
726	REGIONAL SERIC RESEARCH STATION	DARJEELING	2	0	2
727	REGIONAL SERICULTURAL RESEARCH STATION	DEHRA DUN	0	2	2
728	REGIONAL SERICULTURAL RESEARCH STATION	RANCHI	0	2	2
729	REGIONAL WHEAT RUST RESEARCH STATION	MAHABLESHWAR	0	2	2
730	RESEARCH CENTRE CENTRAL INSTITUTE FISHERIES TECHNOLOGY	VERAVAL	1	1	2
731	RESEARCH WORK PLAN CIRCLE	CALCUTTA	0	2	2
732	RML HOSPITAL	NEW DELHI	0	2	2
733	RU MED COLLEGE	JAIPUR	0	2	2
734	RUBBER RESEARCH INSTITUTE	AGARTALA	0	2	2
735	SAHIBGUNJ COLLEGE	SAHIBGUNJ	2	0	2
736	SCOTT CHRISTIAN COLLEGE	NAGARCOIL	0	2	2
737	SEARLE INDIA LTD, R AND D CENT.	THANE	2	0	2
738	SEED TECHNOL RESEARCH AGRIC RESEARCH STATION	JAIPUR	2	0	2
739	SHRI SHIVAJI COLLEGE ARTS SCIENCE AND COMMERCE	AKOLA	1	1	2
740	SIES COLLEGE ARTS SCI COMMERCE	BOMBAY	0	2	2
741	SIR THEAGARAYA COLLEGE	MADRAS	1	1	2
742	SMS MED COLLEGE HOSP	JAIPUR	1	1	2
743	SOCIETY RESEARCH HAEMATOL BLOOD TRANSFUSION	CALCUTTA	1	1	2
744	SONAMUKHI COLLEGE	SONAMUKHI	2	0	2
745	SREE NARAYANA COLLEGE	QUILON	0	2	2
746	SRI VENKATESWARA COLLEGE	NEW DELHI	2	0	2
747	ST COLUMBA'S COLLEGE	HAZARIBAGH	0	2	2
748	STATE FORENSIC SCI LAB	MADHUBANI	2	0	2
749	SUGARCANE RESEARCH STATION	CUDDALORE	2	0	2
750	SURVEY OF MEDICINAL PLANTS UNIT	ALIGARH	2	0	2
751	TD MED COLLEGE HOSP	ALLEPPEY	1	1	2

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
752	UDAI PRATAP COLLEGE	VARANASI	1	1	2
753	UNIVERSITY COLLEGE FOR WOMEN	HYDERABAD	2	0	2
754	VET COLLEGE	BIDAR	0	2	2
755	VET HOSPITAL DISEASE INVESTIGATION LAB	JABALPUR	2	0	2
756	VET MED PUBLIC HEALTH	MOHANPUR	0	2	2
757	VISION RESEARCH FOUNDATION	MADRAS	1	1	2
758	VISVESVARAYA REGIONAL COLLEGE ENG	NAGPUR	0	2	2
759	VOLUNTARY HEALTH SERVICES	MADRAS	0	2	2
760	VR SIDDHARTHA ENG COLLEGE	VIJAYAWADA	1	1	2
761	WATER TECHNOL CENTRE	NEW DELHI	2	0	2
762	WORLD HEALTH ORGANIZATION	NEW DELHI	0	2	2
763	ZOOLOGICAL SURVEY INDIA	PUNE	2	0	2
764	A P C COLLEGE	NEW BARRACKPORE	0	1	1
765	A P POULTRY MEAT DEVELOP CORP	HYDERABAD	1	0	1
766	ACWORTH LEPROSY HOSPITAL	BOMBAY	0	1	1
767	ADDL BLOCK ANIMAL HEALTH CENTRE	BARATURIGRAM	1	0	1
768	ADDL BLOCK ANIMAL HEALTH CENTRE	BIRBHUM	1	0	1
769	AGARWAL'S EYE INSTITUTE	MADRAS	0	1	1
770	AGRIC EXP STATION	JAIPUR	1	0	1
771	AGRIC RESEARCH STATION	ANANTAPUR	1	0	1
772	AGRIC RESEARCH STATION	ANANTHARAJUPET	0	1	1
773	AGRIC RESEARCH STATION	BADNAPUR	0	1	1
774	AGRIC RESEARCH STATION	BANSWARA	0	1	1
775	AGRIC RESEARCH STATION	BERHAMPUR	0	1	1
776	AGRIC RESEARCH STATION	BHEEMARAYANAGUDI	0	1	1
777	AGRIC RESEARCH STATION	GULBARGA	0	1	1
778	AGRIC RESEARCH STATION	KASARAGOD	0	1	1
779	AGRIC RESEARCH STATION	KOTA	0	1	1
780	AGRIC RESEARCH STATION	KUDAL	0	1	1
781	AGRIC RESEARCH STATION	PARAMAKUDI	0	1	1
782	AGRIC RESEARCH STATION	PONNAMPET	0	1	1
783	AGRIC RESEARCH STATION	SHIRGAON	0	1	1
784	AGRIC RESEARCH STATION	SIKAR	1	0	1
785	AGRIC RESEARCH STATION	SIRSI	1	0	1
786	AGRIC RESEARCH STATION	SRIGANGANAGAR	0	1	1
787	AGRIL RESEARCH STATION	PUNE	0	1	1
788	AIC WHEAT IMPROVEMENT PROJECT	BILASPUR	0	1	1
789	AIR FORCE STATION	MADRAS	0	1	1
790	AIR FOURCE STATION	MADRAS	0	1	1
791	AK NAVJIVAN WOMEN'S COLLEGE	HYDERABAD	0	1	1
792	AL-AMEEN COLLEGE PHARMACY	BANGALORE	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
793	ALL INDIA CO-ORDINATED MAIZE IMPROVEMENT PROJECT	KOLHAPUR	0	1	1
794	ALL INDIA CO-ORDINATED RESEARCH PROJECT BUFFALOES	UDAIPUR	0	1	1
795	ALL INDIA CO-ORDINATED SOIL TEST CROP PROJECT	HYDERABAD	1	0	1
796	ALL INDIA CO-ORDINATED SORGHUM IMPROVEMENT PROJECT	PALEM	0	1	1
797	ALL INDIA CO-ORDINATED VEGETABLE IMPROVEMENT PROJECT	AMBAJOGAI	0	1	1
798	ALL INDIA COORDINATED SPICES IMPROVEMENT PROJECT REGIONAL RESEARCH STATION	MUDIGERE	1	0	1
799	ALVED BIOL LTD	MADRAS	0	1	1
800	AMBAH PG COLLEGE	AMBAH	0	1	1
801	AMBALA KURUKSHETRA GRAMIN BANK	AMBALA	0	1	1
802	ANAND NIKETAN COLLEGE AGRIC	WARORA	0	1	1
803	ANANDA MOHAN COLLEGE	CALCUTTA	0	1	1
804	ANWARUL-ULOOM COLLEGE	HYDERABAD	0	1	1
805	APSMPDC	HYDERABAD	0	1	1
806	ARCH SURVEY INDIA CHEMICAL BRANCH	BHUBANESWAR	0	1	1
807	ARID HORTICULTURAL RESEARCH STATION	MALLEPALLY	0	1	1
808	ASIR HURKISONDAS NURROTUMDAS MED RESEARCH SOCIETY	BOMBAY	0	1	1
809	ATOMIC MINERALS DIV	BANGALORE	0	1	1
810	ATOMIC MINERALS DIV	HYDERABAD	0	1	1
811	ATOMIC MINERALS DIV	NEW DELHI	0	1	1
812	ATOMIC MINERALS DIV DEP ATOMIC ENERGY	SHILLONG	1	0	1
813	AVIAN DIS LAB	NAMAKKAL	0	1	1
814	AYYA NADAR JANAKI AMMAL COLLEGE	SIVAKASI	0	1	1
815	B K M SCI COLLEGE	VALSAD	1	0	1
816	B N COLLEGE PHARMACEUTICAL SCIENCES	UDAIPUR	0	1	1
817	BANGALORE PHARMACEUTICALS RESEARCH LAB	BANGALORE	0	1	1
818	BATRA HOSP AND MED RESEARCH CENTRE	NEW DELHI	0	1	1
819	BAWASKAR HOSP RESEARCH CENTRE	MAHADI RAIGAD	0	1	1
820	BB COLLEGE	JHANSI	0	1	1
821	BE COLLEGE	HOWRAH	0	1	1
822	BENZIGER HOSP	QUILON	1	0	1
823	BHARAT HEAVY ELECTRICALS AND LTD	TIRUCHIRAPALLI	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
824	BHARATHIDASAN GOVT COLLEGE WOMEN	PONDICHERRY	0	1	1
825	BHAVAN'S NEW SCI COLLEGE	HYDERABAD	0	1	1
826	BIOTECHNOLOGY RESEARCH CENTRE	AURANGABAD	0	1	1
827	BIRBAL SAHNI INSTITUTE PALEOBOTANY	LUCKNOW	1	0	1
828	BIRLA COLLEGE ARTS SCI COMMERCE	KALYANI	0	1	1
829	BIRLA INSTITUTE TECHNOL	RANCHI	1	0	1
830	BM BIRLA HEART RESEARCH CENTRE	CALCUTTA	1	0	1
831	BN BANDODKAL COLLEGE SCI	THANE	1	0	1
832	BOEHRINGER MANNHEIM INDIA LTD	BOMBAY	0	1	1
833	BOKARO GENERAL HOSP	BOKARO	0	1	1
834	BOMBAY COLLEGE PHARMACY	BOMBAY	0	1	1
835	BOMBAY LEPROSY PROJECT	BOMBAY	0	1	1
836	BOOTS PHARMACEUTICALS LTD	BOMBAY	0	1	1
837	BOTANICAL SURVEY INDIA	YERCAUD	1	0	1
838	BRAHMANAND POST GRADUATE COLLEGE	HAMIRPUR	0	1	1
839	BREACH CANDY HOSPITAL	BOMBAY	0	1	1
840	BUFFALO BREEDING CENTRE	NEKARIKALLU	0	1	1
841	BUREAU POLICE RESEARCH DEV	HYDERABAD	1	0	1
842	C ABDUL HAKEEM COLLEGE	MELVISHARAM	0	1	1
843	C AND M HATCHERIES PVT LTD	NASIK	1	0	1
844	CALCUTTA NATIONAL MED COLLEGE	CALCUTTA	1	0	1
845	CALICUT MEDICAL COLLEGE	CALICUT	0	1	1
846	CATHOLICATE COLLEGE PATHANAMITHITTA	PATHANAMITHITTA	0	1	1
847	CCR COLLEGE	MUZAFFARNAGAR	0	1	1
848	CENTRAL AGRIC RESEARCH INSTITUTE	PORT BLAIR	1	0	1
849	CENTRAL ANIMAL HEALTH STUDIES	MADRAS	0	1	1
850	CENTRAL BHILAI STEEL PLANT	BHILAI	0	1	1
851	CENTRAL BIOL CONTROL STATION	SOLAN	0	1	1
852	CENTRAL BIOLOGICAL CONTROL FIELD LAB	KULU	1	0	1
853	CENTRAL BUILD RESEARCH INSTITUTE	ROORKEE	0	1	1
854	CENTRAL CHEM LAB	JODHPUR	1	0	1
855	CENTRAL DEMONSTRATION FARM	AKOLA	0	1	1
856	CENTRAL EXPERIMENT STATION	DAPOLI	0	1	1
857	CENTRAL FORESIC SCI LAB	HYDERABAD	0	1	1
858	CENTRAL GROUND WATER BOARD	NEW DELHI	0	1	1
859	CENTRAL INLAND CAPTURE FISH RESEARCH CENTRE	AGRA	1	0	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
860	CENTRAL INSTITUTE FISH TECHNOLOGY	KAKINADA	0	1	1
861	CENTRAL INSTITUTE FISH TECHNOLOGY	PANAJI	0	1	1
862	CENTRAL INSTITUTE FISHERIES EDUCATION	LUCKNOW	0	1	1
863	CENTRAL INSTITUTE FRESH WATER AQUACULTURE	BANGALORE	1	0	1
864	CENTRAL INSTITUTE PSYCHIATRY	CALCUTTA	0	1	1
865	CENTRAL INTEGRATED PEST MANAGEMENT CENTRE	GORAKPHUR	0	1	1
866	CENTRAL INTEGRATED PEST MANAGEMENT CENTRE	SOLAN	0	1	1
867	CENTRAL IPM CENTRE SOMAJIGUDA	HYDERABAD	0	1	1
868	CENTRAL JALMA INSTITUTE LEPROSY FIELD UNIT	MADRAS	0	1	1
869	CENTRAL LIFE SCI	SILIGURI	1	0	1
870	CENTRAL MARINE FISH RESEARCH INSTITUTE	CALICUT	0	1	1
871	CENTRAL MIL VET LAB	MEERUT	0	1	1
872	CENTRAL MUGA RESEARCH TRAINING INSTITUTE	JORHAT	0	1	1
873	CENTRAL PLANTATION CROPS RESEARCH INSTITUTE	KASARAGOD	1	0	1
874	CENTRAL POLLUTION CONTROL BOARD	NEW DELHI	0	1	1
875	CENTRAL POTATO RESEARCH INSTITUTE	BANGALORE	1	0	1
876	CENTRAL POULTRY BREEDING FARM	BOMBAY	0	1	1
877	CENTRAL POWER RESEARCH INSTITUTE	BANGALORE	1	0	1
878	CENTRAL RESEARCH AND TRAINING INSTITUTE	PUNE	1	0	1
879	CENTRAL SERIC RESEARCH TRAINING INSTITUTE	JAMMU TAWI	0	1	1
880	CENTRAL SOIL SALINITY RESEARCH INSTITUTE	CANNING TOWN	1	0	1
881	CENTRAL SOIL WATER CONSERVATION RESEARCH TRAINING RESEARCH CENTRE	KOTA	1	0	1
882	CENTRAL SUGARCANE RESEARCH STATION	PADEGAON	0	1	1
883	CENTRAL TECHNICAL COMMITTEE HEALTH AND NUTRITION	NEW DELHI	0	1	1
884	CENTRAL TOBACCO RESEARCH INSTITUTE	RAJAHMUNDRY	0	1	1
885	CENTRAL WATER COMMISSION	NEW DELHI	0	1	1
886	CENTRE BACTERIAL VACCINES	MADRAS	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
887	CENTRE HERPETOLOGY MADRAS CROCODILE BANK	MAMALLAPURAM	0	1	1
888	CENTRE INLAND FISHERIES OPERATIVE TRAINING	LUCKNOW	0	1	1
889	CENTRE RESEARCH MENTAL RETARDATION	BOMBAY	0	1	1
890	CENTRE SOCIAL SCIENCE RESEARCH LEPROSY	WARDHA	0	1	1
891	CENTRE WATER RESOURCES DEV MANAGEMENT	KUNNAMANGALAM	1	0	1
892	CENTRAL TOBACCO RESEARCH INSTITUTE RESEARCH CENTRE	VEDASANDUR	1	0	1
893	CHARAK CO-OP HOUSING SOCIETY	BOMBAY	0	1	1
894	CHEST ALLERGY CLINIC	UDUPI	0	1	1
895	CHIKITI COLLEGE	CHIKITI	0	1	1
896	CHILDREN'S ORTHOPAEDIC HOSP	BOMBAY	1	0	1
897	CHITRAKUT GRAMODAYA VISHWAVIDYALAYA	CHITRAKUT	0	1	1
898	CHOUWAR COLLEGE	CUTTACK	0	1	1
899	CHRISTIAN COLLEGE	ALLAHABAD	0	1	1
900	CMP COLLEGE	ALLAHABAD	1	0	1
901	COCONUT RESEARCH STATION	VEPPANKULAM	0	1	1
902	COLLEGE AGRIC	KAITHAL	0	1	1
903	COLLEGE AGRIC	SEHORE	0	1	1
904	COLLEGE BASIC SCIENCES	PALAMPUR	0	1	1
905	COLLEGE FISHERIES	BERHAMPUR	0	1	1
906	COLLEGE FORESTRY	TRICHUR	0	1	1
907	COLLEGE HORTICULTURE	TRICHUR	1	0	1
908	COLLEGE PHARMACY	BELGAUM	0	1	1
909	COLLEGE PHARMACY	INDORE	1	0	1
910	COLLEGE PHARMACY	NEW DELHI	0	1	1
911	COLLEGE VET SCI	LUDHIANA	0	1	1
912	COMMAND HOSP	PUNE	0	1	1
913	CONSERVATOR FORESTS RESEARCH CIRCLE	PUNE	0	1	1
914	COTTON RESEARCH STATION	SRIVILLIPUTTUR	0	1	1
915	CRMJ COLLEGE	HISSAR	0	1	1
916	CROP RESEARCH STATION	FAIZABAD	1	0	1
917	CROP RESEARCH STATION	GURGAON	0	1	1
918	CSR SARMA COLLEGE	ONGOLE	0	1	1
919	CU SHAH COLLEGE	BOMBAY	0	1	1
920	CYANAMID INDIA LTD	KARNAL	0	1	1
921	D A V COLLEGE	KANPUR	1	0	1
922	D A V COLLEGE	SADHAURA	0	1	1
923	DABUR RESEARCH FOUNDATION	GHAZIABAD	0	1	1
924	DARBHANGA MED COLLEGE HOSP	DARBHANGA	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
925	DARJEELING TEA RESEARCH CENTRE	KURSEONG	0	1	1
926	DAVIS INSTITUTE NEUROPSYCHIATRY	RANCHI	1	0	1
927	DEFENCE MATERIALS AND STORES RESEARCH AND DEV ESTABLISH	KANPUR	1	0	1
928	DEMPE COLLEGE ARTS SCI	PANAJI	0	1	1
929	DEP AGRICULTURE	AIZAWL	1	0	1
930	DEP AGRICULTURE	KONAKANAMITTA	1	0	1
931	DEP AGRICULTURE	LAMPHEL PAT	1	0	1
932	DEPT OF FORESTRY	TRIVANDRUM	1	0	1
933	DEPUTY CONSERVATOR FOREST RESEARCH	PUSAD	0	1	1
934	DEV PAEDIATRICS CHILD NEUROLOGY SUSHANT CLINIC	NEW DELHI	0	1	1
935	DEVA MATHA HOSPITAL	KOOTHATTUKULAM	1	0	1
936	DHARAMPETH SCI COLLEGE	NAGPUR	0	1	1
937	DIARY TRAINING CENTRE	VISAKHAPATNAM	1	0	1
938	DIR VEG RESEARCH	VARANASI	0	1	1
939	DIRECTORATE AGRIC PESTICIDE TESTING LAB	GANDHINAGAR	1	0	1
940	DIRECTORATE MARKETING INSPECTION	NAGPUR	0	1	1
941	DIV FOREST OFFICER SILVICULTURE SOUTH DIV	MIDNAPORE	0	1	1
942	DIV POST-HARVEST ENGINEERING	BHOPAL	1	0	1
943	DIV SOIL SCI AND AGRIC CHEM	NEW DELHI	1	0	1
944	DIVISIONAL FOREST OFFICE	JEYPORE	1	0	1
945	DR B R AMBEDKAR MED COLLEGE	BANGALORE	1	0	1
946	DR RAJENDRA PRASAD CENTRE OPHTHALMIC SCIENCE	NEW DELHI	1	0	1
947	DR REDDY'S LAB LTD	HYDERABAD	0	1	1
948	DR RML HOSPITAL	NEW DELHI	0	1	1
949	DR S N MED COLLEGE	JODHPUR	0	1	1
950	DR T M A PAI ROTARY HOSPITAL	MANGALORE	0	1	1
951	DRUG STAND UNIT	HYDERABAD	0	1	1
952	DURGAPUR STEEL PLANT	DURGAPUR	0	1	1
953	EASTERN REGION STATION NATIONAL DAIRY RESEARCH INSTITUTE	KALYANI	0	1	1
954	ECITECH CENTRE	BOMBAY	0	1	1
955	EMMAUS-SWISS LEPROSY PROJECT REFERRAL HOSP	PALAMANER	0	1	1
956	ENVIRON RESEARCH STATION	SILIGURI	0	1	1
957	ENVIRONMENT CENTRE SASTRA SAHITYA PARISHAD	TRIVANDRUM	0	1	1
958	ETHIRAJ COLLEGE WOMEN	MADRAS	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
959	FAC VET SCI AND ANIMAL HEALTH BREEDING AND GENETICS	SRINAGAR	1	0	1
960	FAMILY WELFARE	LUCKNOW	0	1	1
961	FEROZE GANDHI COLLEGE	RAE BARELI	1	0	1
962	FERTIPLANT ENG CO PVT LTD	BOMBAY	1	0	1
963	FISH COLLEGE RESEARCH INSTITUTE	TUTICORIN	0	1	1
964	FOOD DRUGS LAB	VADODARA	1	0	1
965	FOREST RESEARCH	COIMBATORE	0	1	1
966	FRENCH INSTITUTE	PONDICHERRY	1	0	1
967	FRI AND COLLEGE	DEHRA DUN	0	1	1
968	G C COLLEGE	SILCHAR	1	0	1
969	GANGA HOSPITAL	COIMBATORE	0	1	1
970	GB PANT INSTITUTE	ALMORA	1	0	1
971	GENETIC ENG UNIT REGIONAL RESEARCH LAB	JAMMU TAWI	0	1	1
972	GF COLLEGE	SHAHJAHANPUR	0	1	1
973	GOVERNMENT ARTS AND SCIENCE COLLEGE	DURG	1	0	1
974	GOVERNMENT COLLEGE	KASHIPUR	1	0	1
975	GOVERNMENT COLLEGE	ROURKELA	1	0	1
976	GOVERNMENT COLLEGE	SUNDARGARH	1	0	1
977	GOVERNMENT MAHARASHTRA GRANT MEDICAL COLLEGE	BOMBAY	1	0	1
978	GOVERNMENT PG COLLEGE	PITHORAGARH	1	0	1
979	GOVERNMENTAL GENERAL HOSP	MADRAS	1	0	1
980	GOVT ARTS COLLEGE	KARAIKUDI	1	0	1
981	GOVT ARTS COLLEGE	OOTACAMUND	0	1	1
982	GOVT AUTON SCI COLLEGE	JABALPUR	0	1	1
983	GOVT COLLEGE	AJMER	1	0	1
984	GOVT COLLEGE	UNA	1	0	1
985	GOVT DEGREE COLLEGE	SOPORE	0	1	1
986	GOVT GENERAL HOSP	MADRAS	0	1	1
987	GOVT HOME SCIENCE COLLEGE	HOSHANGABAD	1	0	1
988	GOVT JUNIOR COLLEGE	KOTHAGUDEM	1	0	1
989	GOVT JUNIOR COLLEGE	WARDHANNAPET	0	1	1
990	GOVT MED COLLEGE	AURANGABAD	0	1	1
991	GOVT MED COLLEGE	MIRAJ	1	0	1
992	GOVT MED COLLEGE	PATIALA	0	1	1
993	GOVT MED COLLEGE	SANGALI	0	1	1
994	GOVT MED COLLEGE	SRINAGAR	0	1	1
995	GOVT MODEL COLLEGE SCIENCE	RAIPUR	1	0	1
996	GOVT MODEL SCI COLLEGE	BILASPUR	0	1	1
997	GOVT NATUROPATHY AND AYURVEDIC HOSP	HANUMANGARH TOWN	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
998	GOVT P G GIRLS COLLEGE	BHOPAL	0	1	1
999	GOVT PG COLLEGE	CHAMOLI	0	1	1
1000	GOVT POST-GRADUATE COLLEGE	CHHINDWARA	1	0	1
1001	GOVT POST-GRADUATE COLLEGE	GOPESHWAR	0	1	1
1002	GOVT SCI COLLEGE	GWALIOR	0	1	1
1003	GOVT SCI COLLEGE	RAIPUR	0	1	1
1004	GOVT VICTORIA COLLEGE	PALGHAT	0	1	1
1005	GOVERNMENT COLLEGE	DARJEELING	0	1	1
1006	GOVERNMENT WEST BENGAL	DARJEELING	0	1	1
1007	GP WOMEN'S COLLEGE	IMPHAL	1	0	1
1008	GRIZZLED GIANT SQUIRREL SANCTUARY	SRIVILLIPUTTUR	1	0	1
1009	GROUND WATER DEP	JODHPUR	0	1	1
1010	GROUNDNUT BREEDING UNIT	HYDERABAD	1	0	1
1011	GS SUGARCANE BREEDING RESEARCH INSTITUTE	SEORAHI	1	0	1
1012	GUJARAT WATER RESOURCES DEV CORP	GANDHINAGAR	1	0	1
1013	GUNTUR MED COLLEGE	GUNTUR	0	1	1
1014	HAEMATOLOGY CENTRE VIJAY SADAN	BOMBAY	0	1	1
1015	HARISHCHANDRA POST-GRADUATE COLLEGE	VARANASI	1	0	1
1016	HIGH ALTITUDE MED RESEARCH CENTRE	NEW DELHI	0	1	1
1017	HIMACHAL PRADESH KRISHI VISHVAVIDYALAYA	KULU	1	0	1
1018	HN HOSP	BOMBAY	0	1	1
1019	HOLKAR SCI COLLEGE	INDORE	1	0	1
1020	HOLY CROSS COLLEGE	TIRUCHIRAPALLI	1	0	1
1021	HORTICULTURAL EXPERIMENTS AND TRAINING CENTRE	ALMORA	1	0	1
1022	HORTICULTURAL RESEARCH STATION SEOBAGH	KULU	0	1	1
1023	HORTICULTURE EXP TRAINING CENTRE	CHAUBATTIA	0	1	1
1024	HPT ARTS RYK SCI COLLEGE	NASIK	1	0	1
1025	IARI REGIONAL STATION	PUSA	1	0	1
1026	INDIAN AGRIC RESEARCH STATION	BHILWARA	0	1	1
1027	INDIAN COUNCIL MED RESEARCH	MADRAS	1	0	1
1028	INDIAN DRUGS PHARMACEUTICALS LTD	VIRBHADRA	0	1	1
1029	INDIAN DRUGS RESEARCH ASSOCIATION	PUNE	1	0	1
1030	INDIAN FOREST SERVICE	PUROLA	0	1	1
1031	INDIAN GRASSLAND FODDER RESEARCH INSTITUTE	AVIKANAGAR	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1032	INDIAN INSTITUTE PETROLEUM	DEHRA DUN	0	1	1
1033	INDIAN JOURNAL LEPROSY	MADRAS	0	1	1
1034	INDIAN RARE EARTHS LTD	OOTACAMUND	0	1	1
1035	INDIAN RESOURCES INFORMATION AND MANAGEMENT TECHNOLOGY	NAGPUR	0	1	1
1036	INDIAN VACCINE CORPORATION LTD	NEW DELHI	1	0	1
1037	INDIAN VET RESEARCH INSTITUTE	BHOPAL	1	0	1
1038	INDO-SWISS PROJECT, FROZEN SEMEN STATION	VISAKHAPATNAM	1	0	1
1039	INSDOC, CSIR	NEW DELHI	1	0	1
1040	INSTITUTE AGRICULTURE	SRINIKETAN	1	0	1
1041	INSTITUTE DECIDUOUS FORESTS	JABALPUR	0	1	1
1042	INSTITUTE FRANCAIS	PONDICHERRY	1	0	1
1043	INSTITUTE GENETICS HOSP GENETIC DIS	HYDERABAD	0	1	1
1044	INSTITUTE MATH SCI	MADRAS	0	1	1
1045	INSTITUTE OF RAIN AND MOIST DECIDUOUS FOREST	JORHAT	1	0	1
1046	INSTITUTE POST-GRADUATE EDUCATION RESEARCH	CHANDIGARH	1	0	1
1047	INSTITUTE RESEARCH MED STATISTICS	MADRAS	1	0	1
1048	INSTITUTE ROAD AND TRANSPORT TECHNOL	ERODE	1	0	1
1049	INSTITUTE SCIENCE	NAGPUR	1	0	1
1050	INSTITUTE WETLAND MANAGEMENT ECOLOGICAL DESIGN	CALCUTTA	0	1	1
1051	INSTITUTE WOOD SCIENCE AND TECHNOL	BANGALORE	0	1	1
1052	INTENSIVE POULT DEV PROJECT	AHMEDABAD	0	1	1
1053	ITC BHADRACHALAM PAPERBOARDS LTD	HYDERABAD	0	1	1
1054	ITI GEN HOSP	BANGALORE	0	1	1
1055	JAI NARAIN DEGREE COLLEGE	LUCKNOW	1	0	1
1056	JAI-HIND COLLEGE	DHULE	1	0	1
1057	JANTA COLLEGE	BAKEWAR	1	0	1
1058	JAWAHARLAL NEHRU CENTRE OHS ROURKELA STEEL PLANT	ROURKELA	1	0	1
1059	JD WOMEN'S COLLEGE	PATNA	0	1	1
1060	JDMS	NEW DELHI	1	0	1
1061	JLN HOSP RESEARCH CENTRE	BHILAI	0	1	1
1062	JOGAMAYA DEVI COLLEGE	CALCUTTA	0	1	1
1063	JSS COLLEGE	OOTACAMUND	0	1	1
1064	JUTE RESEARCH STATION	KATI HAR	0	1	1
1065	KAD COLLEGE	ALLAHABAD	1	0	1
1066	KALNA COLLEGE	BURDWAN	1	0	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1067	KANPUR SKIN CLINIC	KANPUR	0	1	1
1068	KARNATAKA REGIONAL ENG COLLEGE	SRINIVASANAGAR	0	1	1
1069	KARNATAKA STATE SEEDS CORP	BANGALORE	0	1	1
1070	KASTURBA GANDHI COLLEGE	HYDERABAD	1	0	1
1071	KASTURBA MED COLLEGE	MANGALORE	1	0	1
1072	KDM INSTITUTE PETROLEUM EXPLORATION ONGC	DEHRA DUN	1	0	1
1073	KEMPEGOWDA INSTITUTE MEDICAL SCIENCE	BANGALORE	0	1	1
1074	KHALLIKOTE COLLEGE	BERHAMPUR	1	0	1
1075	KHATAU JUNKER LTD	BOMBAY	0	1	1
1076	KISAN COLLEGE	NALANDA	1	0	1
1077	KLDAV COLLEGE	ROORKEE	0	1	1
1078	KMC COLLEGE	RAIGAD	1	0	1
1079	KRISHI VIGYAN KENDRA	RATNAGIRI	0	1	1
1080	KRISHI VIGYAN KENDRA TRAINER'S TRAINING CENTRE	BHUBANESWAR	0	1	1
1081	KRISHNAMURTI FOUNDATION	VARANASI	1	0	1
1082	KSSPG COLLEGE	FAIZABAD	0	1	1
1083	KTHM COLLEGE	NASIK	0	1	1
1084	KUNNETH HOSPITAL AND MEDICAL CENTRE	KUZHITHURA	0	1	1
1085	KVK CASHEW FARM	VRIDDHACHALAM	0	1	1
1086	KWALITY ICE CREAM LTD	CALCUTTA	0	1	1
1087	LAB NEUROL AND LIMNOTIC POLLUTION STUDIES	INDORE	0	1	1
1088	LAB STUDIES CRYSTALLIZATION PHENOMENA	HANAMKONDA	0	1	1
1089	LADY IRWIN COLLEGE	NEW DELHI	0	1	1
1090	LADY KEANE COLLEGE	SHILLONG	1	0	1
1091	LARGE FARM DEV PROJ CENTRE	WANI	0	1	1
1092	LARSEN AND TOUBRO LTD	BOMBAY	0	1	1
1093	LIFE RESEARCH FOUNDATION	PUNE	0	1	1
1094	LIONS CANCER TREATMENT RESEARCH CENTRE	VISAKHAPATNAM	1	0	1
1095	LIVESTOCK ASSISTANTS TRAINING CENTRE	BANAVASI	0	1	1
1096	LIVESTOCK RESEARCH AND DEV CENTRE	NAGARCOIL	0	1	1
1097	LIVESTOCK RESEARCH STATION	HEKRA	1	0	1
1098	LIVESTOCK RESEARCH STATION	PALAMANER	1	0	1
1099	LIVESTOCK SUPERVISORY UNIT	CUDDAPAH	1	0	1
1100	LOK SEVA SANGAM	BOMBAY	0	1	1
1101	M M M ENG COLLEGE	GORAKHPUR	1	0	1
1102	M R COLLEGE WOMEN	VIZIANAGARAM	1	0	1
1103	M U MAHAVIDYALAYA	UDGIR	1	0	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1104	MADRAS CHRISTIAN COLLEGE	MADRAS	0	1	1
1105	MADRAS CROCODILE BANK TRUST	MALAPPURAM	0	1	1
1106	MADRAS MED COLLEGE	MADRAS	1	0	1
1107	MADURA COLLEGE	MADURAI	0	1	1
1108	MAHARASHTRA VAN SANSHODHAN SANSTHA	SINDEWAHI	0	1	1
1109	MAHATMA GANDHI GOV ARTS COLLEGE	NEW MAHE	1	0	1
1110	MAHATMA GANDHI HOSP	JODHPUR	0	1	1
1111	MAITREYI COLLEGE	NEW DELHI	1	0	1
1112	MALARIA RESEARCH CENTRE	ROURKELA	0	1	1
1113	MALARIA RESEARCH CENTRE	SONAPUR	0	1	1
1114	MALAY SOCIETY AMBAWADI	AHMEDABAD	1	0	1
1115	MANONMANIAM SUNDARANAR UNIVERSITY	PALAYANKOTTAI	1	0	1
1116	MAR IVANIOS COLLEGE	TRIVANDRUM	0	1	1
1117	MB PATEL SCI COLLEGE	ANAND	1	0	1
1118	MD COLLEGE	BOMBAY	0	1	1
1119	MED COLLEGE, COLLEGE PHARMACEUTICA SCIENCES	TRIVANDRUM	1	0	1
1120	MED DEP SEARLE INDIA LTD	BOMBAY	0	1	1
1121	MEDICAL COLLEGE	CALICUT	1	0	1
1122	MEDICAL COLLEGE	PUNE	1	0	1
1123	MEDICAL DIV UNICHEM LAB LTD	BOMBAY	0	1	1
1124	MEDICAL SERV CENTRE	CALCUTTA	0	1	1
1125	MEENAKSHI MISSION HOSPITAL RESEARCH CENTRE	MADURAI	0	1	1
1126	MG SCI INSTITUTE	AHMEDABAD	1	0	1
1127	MIDNAPORE COLLEGE	MIDNAPORE	1	0	1
1128	MILITARY VET HOSP	NEW DELHI	1	0	1
1129	MINISTRY ENVIRON FORESETRY	BHUBANESWAR	0	1	1
1130	MMPG COLLEGE	MODINAGAR	0	1	1
1131	MOOLJEE JAITHA COLLEGE	JALGAON	1	0	1
1132	MOTILAL VIGYAN MAHAVIDYALAYA	BHOPAL	1	0	1
1133	MP POLLUTION CONTROL BOARD	BHOPAL	1	0	1
1134	MR MED COLLEGE	GULBARGA	0	1	1
1135	MS AUTONOMOUS COLLEGE	BHARATPUR	1	0	1
1136	MS COLLEGE	MOTHIHARI	1	0	1
1137	MUC WOMENS COLLEGE	BURDWAN	1	0	1
1138	MUNICIPAL MED COLLEGE	AHMEDABAD	1	0	1
1139	MYSORE PAPER MILLS LTD	SHIMOGA	1	0	1
1140	NABARD	TRIVANDRUM	0	1	1
1141	NADAKKAVU HOSPITAL	CALICUT	1	0	1
1142	NALANDA COLLEGE	BIHAR SHARIF	0	1	1
1143	NARAIN COLLEGE	SHIKOHABAD	1	0	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1144	NARBADA POSTGRADUATE COLLEGE	HOSHANGABAD	0	1	1
1145	NARI SHIKSHA NIKETAN DEGREE COLLEGE	LUCKNOW	0	1	1
1146	NATIONAL ACADEMY SCIENCE	ALLAHABAD	0	1	1
1147	NATIONAL AGRI RESEARCH PROJECT, AGRIC RESEARCH STATION	SANGALI		1	0
1148	NATIONAL AGRIC RESEARCH PROJECT	MAHISAPAT	1	0	1
1149	NATIONAL AGRIC RESEARCH PROJECT NARP (ICAR)	NEW DELHI	0	1	1
1150	NATIONAL BIOMED RESEARCH INSTITUTE	LUCKNOW	1	0	1
1151	NATIONAL BUREAU OF PLANT GENETICS (NBPG)	RANCHI	0	1	1
1152	NATIONAL ENVIRON ENGINEERING RESEARCH INSTITUTE	MADRAS	1	0	1
1153	NATIONAL GEOPHYSICAL RESEARCH INSTITUTE	HYDERABAD	0	1	1
1154	NATIONAL INSTITUTE APPLIED HUMAN RESEARCH DEVELOPMENT	CUTTACK	1	0	1
1155	NATIONAL INSTITUTE COMM DISEASES	ALWAR	0	1	1
1156	NATIONAL INSTITUTE COMMUNICABLE DIS	PATNA	0	1	1
1157	NATIONAL INSTITUTE MENTALLY HANDICAPPED	HYDERABAD	0	1	1
1158	NATIONAL INSTITUTE MINERS' HEALTH	KOLAR	0	1	1
1159	NATIONAL INSTITUTE RURAL DEV	HYDERABAD	0	1	1
1160	NATIONAL INSTITUTE SCIENTIFIC INFORMATION RESEARCH	LUCKNOW	1	0	1
1161	NATIONAL INSURANCE CO	CALICUT	1	0	1
1162	NATIONAL MALARIA ERADICATION PROGRAMME	CHANDIGARH	1	0	1
1163	NATIONAL OPEN UNIVERSITY	NEW DELHI	1	0	1
1164	NATIONAL PROJECT DEV BIOFERTILIZERS	NEW DELHI	1	0	1
1165	NATIONAL RESEARCH CENTRE YAK	WEST KAMENG	0	1	1
1166	NATIONAL RESEARCH LAB CONSERVATION CULTURAL PROPERTIES	LUCKNOW	0	1	1
1167	NATIONAL SEEDS CORP	NEW DELHI	1	0	1
1168	NATIONAL ZOOL PARK	NEW DELHI	1	0	1
1169	NAVAJIVAN WOMEN'S COLLEGE	HYDERABAD	0	1	1
1170	NAYAGARH COLLEGE	NAYAGARH	1	0	1
1171	NETAJI SUBHAS WESTERN CENTRE	GANDHINAGAR	1	0	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1172	NEW ARTS COMMERCE SCIENCE COLLEGE	AHMEDNAGAR	0	1	1
1173	NEW WING BOMBAY HOSP AND MED RESEARCH CENTRE	BOMBAY	0	1	1
1174	NEYVELI LIGNITE CORP HOSPITAL	NEYVELI	1	0	1
1175	NFL AREA OFFICE	ROHTAK	0	1	1
1176	NGSM COLLEGE PHARMACY	MANGALORE	0	1	1
1177	NMSN DASS COLLEGE	BUDAUN	1	0	1
1178	NORTH EAST REG INSTITUTE SCI TECHNOL	ITANAGAR	0	1	1
1179	NORTH LAKHIMPUR COLLEGE	NORTH LAKHIMPUR	1	0	1
1180	OFFICE DEPUTY DIRECTOR AGRIC	DHENKANAL	0	1	1
1181	OIL AND NATURAL GAS COMMISSION	MEHSANA	1	0	1
1182	OIL NAT GAS COMMUNICATION	DEHRA DUN	0	1	1
1183	OIL SEEDS RESEARCH	HYDERABAD	1	0	1
1184	OILSEED RESEARCH STATION	JALGAON	0	1	1
1185	OILSEEDS RESEARCH STATION	LATUR	0	1	1
1186	OLD DOCTOR'S HOSTEL	CHANDIGARH	0	1	1
1187	ORCHID RESEARCH AND DEV CENTRE	BHALUKPONG	0	1	1
1188	ORGANON RESEARCH CENTRE	CALCUTTA	0	1	1
1189	P B COLLEGE	MIDNAPORE	1	0	1
1190	P G COLLEGE	BAREILLY	1	0	1
1191	P M B GUJARATI SCI COLLEGE	INDORE	0	1	1
1192	PACHAIYAPPA'S COLLEGE	MADRAS	0	1	1
1193	PAS COLLEGE	GUNTUR	0	1	1
1194	PATNA MED COLLEGE	PATNA	0	1	1
1195	PEPPER RESEARCH STATION	TALIPARAMBA	0	1	1
1196	PEPTIDE TECHNOLOGY LIMITED	NEW DELHI	0	1	1
1197	PG COLLEGE	MORENA	0	1	1
1198	PLANAR CHROMATOGRAPHY RESEARCH APPLICATIONS CENTRE	BOMBAY	0	1	1
1199	PLANT PATHOL SECTION DIRECTORATE OIL SEEDS RESEARCH	HYDERABAD	0	1	1
1200	PLANT PHYSIOL LAB	CALCUTTA	0	1	1
1201	PLANT QUAR AND FUMIGATION STATION	AMRITSAR	0	1	1
1202	PLANT QUAR AND FUMIGATION STATION	MADRAS	0	1	1
1203	PLASTIC RECONSTRUCTIVE SURGERY	MADRAS	1	0	1
1204	POLYCLINIC CGHS	JAIPUR	0	1	1
1205	POST GRADUATE DEP HOME SCI	MYSORE	0	1	1
1206	PROAGRO SEED CO LTD	AURANGABAD	0	1	1
1207	PROCESS ENG DESIGN DEV INSTITUTE	CALCUTTA	1	0	1
1208	PROJECT CO-ORDINATING UNIT	SOLAPUR	0	1	1
1209	PROJECTS AND DEV INDIA LTD	SINDRI	1	0	1

Sl No	Institute	City/town	Number of papers		
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1210	PS MED COLLEGE HOSP	KARAMSAD	0	1	1
1211	PSGR KRISHNAMMAL COLLEGE WOMEN	COIMBATORE	0	1	1
1212	PUBLICATIONS AND INFORMATION DIRECTORATE	NEW DELHI	0	1	1
1213	PUBLICATIONS INFORMATION DIRECTORATE (RHMD)	NEW DELHI	0	1	1
1214	PULSES OILSEEDS RESEARCH STATION	BERHAMPUR	0	1	1
1215	PUNJAB WILDLIFE RESEARCH CENTRE	FAISALABAD	1	0	1
1216	QE UNIT CIRCOT AGRIC FARM	SURAT	0	1	1
1217	QUALITY CONTROL RAVALGAON CONFECTIONERY LTD	RAVALGAON	0	1	1
1218	R AND D CENTRE HIMALAYA DRUG CO LTD	BANGALORE	0	1	1
1219	R AND D CENTRE SOUTHERN PETROCHEMICALS INDUSTRIES CO LTD	MARAIMALAI NAGAR	0	1	1
1220	R AND D DEP TTK PHARMA LTD	MADRAS	0	1	1
1221	R G STONE CLIN	BOMBAY	0	1	1
1222	R S S COLLEGE	MUZAFFARPUR	0	1	1
1223	RADIATION MED CENTRE	BOMBAY	0	1	1
1224	RAK COLLEGE NURSING	NEW DELHI	1	0	1
1225	RALLIS INDIA LTD	BANGALORE	1	0	1
1226	RAM LAL ANAND COLLEGE	NEW DELHI	0	1	1
1227	RAMA KRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE	RAHARA	0	1	1
1228	RAMAKRISHNA MISSION VIVEKANANDA COLLEGE	MADRAS	0	1	1
1229	RB COLLEGE	SAMASTIPUR	1	0	1
1230	RBS COLLEGE	BICHPURI	0	1	1
1231	REG AGRIC RESEARCH STATION	SOPORE	0	1	1
1232	REG CENTRE SUGARCANE BREED INSTITUTE	KARNAL	0	1	1
1233	REG MED COLLEGE	IMPHAL	0	1	1
1234	REG MED RESEARCH CENTRE	JAIPUR	0	1	1
1235	REG RESEARCH STATION	CALCUTTA	0	1	1
1236	REG RESEARCH STATION	MANDYA	0	1	1
1237	REGIONAL A I CENTRE	PAYYANNUR	0	1	1
1238	REGIONAL AGRIC RESEARCH STATION	JHANSI	1	0	1
1239	REGIONAL AGRIC RESEARCH STATION	MELE PATTAMBI	1	0	1
1240	REGIONAL AGRIC RESEARCH STATION	NANDYAL	0	1	1
1241	REGIONAL AGRIC RESEARCH STATION	PECHIPARAI	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1242	REGIONAL AGRIC RESEARCH STATION	SHILLONG	0	1	1
1243	REGIONAL AGRIC RESEARCH STATION	TIKAMGARH	0	1	1
1244	REGIONAL CHEM LAB GROUND WATER DEP	UDAIPUR	0	1	1
1245	REGIONAL COFFEE RESEARCH STATION	CHUNDALE WAYANAD	0	1	1
1246	REGIONAL COFFEE RESEARCH STATION	VISAKHAPATNAM	0	1	1
1247	REGIONAL COLLEGE EDUCATION	MYSORE	0	1	1
1248	REGIONAL ENG COLLEGE	SILCHAR	1	0	1
1249	REGIONAL FILARIA TRAINING RESEARCH CENTRE	RAJAHMUNDRY	1	0	1
1250	REGIONAL FRUIT RESEARCH STATION	BAHADURGARH	0	1	1
1251	REGIONAL FRUIT RESEARCH STATION	VENGURLA	0	1	1
1252	REGIONAL HEALTH OFFICE	BANGALORE	0	1	1
1253	REGIONAL HORTICULTURAL RESEARCH STATION	MASHOBRA	1	0	1
1254	REGIONAL HORTICULTURAL RESEARCH STATION	SIRMOUR	1	0	1
1255	REGIONAL LEPROSY TRAINING RESEARCH INSTITUTE	RAIPUR	0	1	1
1256	REGIONAL MUGA RESEARCH STATION	BOKO	0	1	1
1257	REGIONAL OCCUPATIONAL HEALTH CENTRE	BANGALORE	1	0	1
1258	REGIONAL OFFICE HEALTH	JAI PUR	1	0	1
1259	REGIONAL POULTRY FARM	MALAMPUZHA	0	1	1
1260	REGIONAL REMOTE SENSING SERVICE CENTRE	DEHRA DUN	0	1	1
1261	REGIONAL REMOTE SENSING SERVICE CENTRE	KHARAGPUR	0	1	1
1262	REGIONAL RESEARCH CENTRE	BANGALORE	1	0	1
1263	REGIONAL RESEARCH LAB	BHOPAL	1	0	1
1264	REGIONAL RESEARCH LAB	LUCKNOW	1	0	1
1265	REGIONAL RESEARCH STATION	AGARTALA	1	0	1
1266	REGIONAL RESEARCH STATION	BAWAL	1	0	1
1267	REGIONAL RESEARCH STATION	CHIPLIMA	1	0	1
1268	REGIONAL RESEARCH STATION	KOVILANGULAM	0	1	1
1269	REGIONAL RESEARCH STATION	KULU	1	0	1
1270	REGIONAL RESEARCH STATION	MADHOPUR	0	1	1
1271	REGIONAL RESEARCH STATION	PAIYUR	0	1	1
1272	REGIONAL RESEARCH STATION	PUARNEA	0	1	1
1273	REGIONAL RESEARCH STATION	VRIDDHACHALAM	1	0	1

Sl No	Institute	City/town	Number of papers		
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1274	REGIONAL SERICULTURAL RESEARCH STATION	JORHAT	0	1	1
1275	REGIONAL SERICULTURAL RESEARCH STATION	PAMPORE	0	1	1
1276	REGIONAL SERICULTURAL RESEARCH STATION	SALEM	0	1	1
1277	REGIONAL STD TESTING RESEARCH CENTRE	NEW DELHI	0	1	1
1278	REMOTE SENSING APPLICATIONS CENTRE	LUCKNOW	0	1	1
1279	RESEARCH LAB GODREJ SOAPS LTD	MADRAS	0	1	1
1280	RESEARCH STATION	NAINITAL	0	1	1
1281	RESEARCH SUBSTATION	ALLAHABAD	0	1	1
1282	RICE RESEARCH	HYDERABAD	1	0	1
1283	RICE RESEARCH STATION	AMBASAMUDRAM	0	1	1
1284	RICE RESEARCH STATION	KAUL	1	0	1
1285	RICE RESEARCH STATION	KAYANGULAM	0	1	1
1286	RICE RESEARCH STATION	KHUDWANI	1	0	1
1287	RICE RESEARCH STATION	MADHUBANI	1	0	1
1288	RICHARDSON LEPROSY HOSP	MIRAJ	0	1	1
1289	RKM VIVEKANANDA COLLEGE	MADRAS	1	0	1
1290	RUBBER RESEARCH INSTITUTE	TURA	0	1	1
1291	RURAL INTEGRATED FARMING	CHOREPALIA	1	0	1
1292	RURAL MED COLLEGE	AHMEDNAGAR	0	1	1
1293	S J COLLEGE ENG	MYSORE	0	1	1
1294	S K GOVERNMENT COLLEGE	SIKAR	0	1	1
1295	S P CHOWGULE COLLEGE	MARGAO	0	1	1
1296	S P W COLLEGE	TIRUPATI	0	1	1
1297	S R K G COLLEGE	SITAMARHI	0	1	1
1298	S S V POST GRADUATE COLLEGE	HAPUR	0	1	1
1299	SACRED HEART COLLEGE	COCHIN	1	0	1
1300	SAHYADARI COLLEGE	SHIMOGA	0	1	1
1300	SAIFIA PG COLLEGE SCI EDUCATION	BHOPAL	0	1	1
1301	SAKET PG COLLEGE	FAIZABAD	0	1	1
1302	SALEM STATE COLLEGE	SALEM	0	1	1
1303	SALIM ALI CENTRE ORNITHOL NATURAL HIST	COIMBATORE	0	1	1
1304	SAMASTIPUR COLLEGE	SAMASTIPUR	0	1	1
1305	SANGERESWARI EYE HOSP	GOBICHETTIPALAYAM	1	0	1
1306	SARASWATHI NARAYANAN COLLEGE	MADURAI	0	1	1
1307	SBP GOVERNMENT COLLEGE	DUNGARPUR	0	1	1
1308	SCB MEDICAL COLLEGE HOSP, POSTGRADUATE DEP MEDICINE	CUTTACK	1	0	1
1309	SCI COLLEGE (FISHERIES)	NANDED	1	0	1
1310	SCI EDUCATION PROJECT	HYDERABAD	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1311	SCI RESEARCH DEP	LONAVLA	0	1	1
1312	SCS COLLEGE	PURI	1	0	1
1313	SDJ POST GRADUATE COLLEGE	AZAMGARH	0	1	1
1314	SEED TECHNOL LAB	MYSORE	0	1	1
1315	SEED TESTING LAB	PUNE	0	1	1
1316	SEETHALAKSHMI RAMASWAMI COLLEGE	TIRUCHIRAPALLI	0	1	1
1317	SERIBIOTECH RESEARCH LAB	BANGALORE	0	1	1
1318	SETH SUKHLA KARNANI MEMORIAL HOSP	CALCUTTA	0	1	1
1319	SFS COLLEGE	COIMBATORE	0	1	1
1320	SGRR COLLEGE	DEHRA DUN	1	0	1
1321	SHANKESHWAR PARSHWANATH SOCIETY	AHMEDABAD	1	0	1
1322	SHARDA RESEARCH INSTITUTE	MIRAJ	0	1	1
1323	SHIBPUR DINABUNDHOO COLLEGE	HOWRAH	1	0	1
1324	SHIVALIK COLLEGE	NAYA NANGAL	0	1	1
1325	SHRI AMM MURUGAPPA CHETTIAR RESEARCH CENTRE	SAVERIYARPURAM	1	0	1
1326	SHRI SIVAJI COLLEGE	KHANDAR	1	0	1
1327	SIDDHARTHA MEDICAL COLLEGE	VIJAYAWADA	1	0	1
1328	SIKKIM GOVT COLLEGE	GANGTOK	0	1	1
1329	SILKWORM SEED TECH LAB	BANGALORE	1	0	1
1330	SKIN CENTRE BASE HOSP	LUCKNOW	0	1	1
1331	SKM FEED FOOD LTD	ERODE	1	0	1
1332	SMD COLLEGE	PATNA	1	0	1
1333	SMHS HOSP	SRINAGAR	1	0	1
1334	SMT J F SHROFF ARTS COLLEGE	VALSAD	1	0	1
1335	SN INSTITUTE DENTAL SCIENCE	HASSAN	0	1	1
1336	SOCIAL FORESTRY	CALCUTTA	1	0	1
1337	SOCIAL FORESTRY PROJECT	PANCHKULA	1	0	1
1338	SOCIETY EDUCATION ACTION AND RESEARCH COMMUNITY HEALTH	GADCHIROLI	0	1	1
1339	SOCIETY HIMALAYAN ENVIRON RESEARCH	SRINAGAR	0	1	1
1340	SOIL SURVEY AND LAND USE PLANNING SCHEME	BHAGALPUR	0	1	1
1341	SORGHUM RESEARCH STATION	PARBHANI	0	1	1
1342	SPAN RESEARCH CENTRE	SURAT	0	1	1
1343	SPICES BOARD	KAILASANADO	1	0	1
1344	SPM COLLEGE	BIHAR SHARIF	1	0	1
1345	SPORTS AUTHORITY INDIA	NEW DELHI	0	1	1
1346	SRI SARADA COLLEGE	SALEM	1	0	1
1347	SRI YN COLLEGE	NARSAPUR	0	1	1
1348	ST JOHN'S COLLEGE	TIRUNELVELI	0	1	1
1349	ST MARY'S COLLEGE	SHILLONG	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1350	ST STEPHENS'S HOSP	NEW DELHI	1	0	1
1351	ST THOMAS HOSP	CHETTUPATTU	0	1	1
1352	ST XAVIER'S COLLEGE	AHMEDABAD	1	0	1
1353	STANDARD RESEARCH CENTRE	HYDERABAD	0	1	1
1354	STATE ANIMAL HUSB DEP	CHITTOOR	0	1	1
1355	STATE QUALITY CONTROL LAB	KARNAL	1	0	1
1356	STATE SILVICULTURIST	HALDWANI	1	0	1
1357	STEEL AUTHORITY INDIA LTD, SALEM STEEL PLANT	SALEM	1	0	1
1358	SURAT THANI HORTIC RESEARCH CENTRE	SURAT	0	1	1
1359	SURI VIDYASAGAR COLLEGE	BIRBHUM	0	1	1
1360	SWAMI VIVEKANANDA HOSP	VARANASI	0	1	1
1361	SYNTHITE INDUSTRIAL CHEM LTD	KOLENCHERY	0	1	1
1362	T C COLLEGE BARAMATI	PUNE	0	1	1
1363	TAGORE ARTS COLLEGE	PONDICHERRY	0	1	1
1364	TARUN BHARAT HSG SOCIETY	BOMBAY	1	0	1
1365	TATA CHEMICALS LTD	MITHAPUR	1	0	1
1366	TATYASAHEB KORE INSTITUTE OF ENG AND TECHNOL	WARANANAGAR	0	1	1
1367	THANJAVUR MED COLLEGE	THANJAVUR	1	0	1
1368	TIRUVALLA MED MISSION HOSP	TIRUVALLA	0	1	1
1369	TORRENT RESEARCH CENTRE	AHMEDABAD	0	1	1
1370	TULIJARAM CHATURCHAND COLLEGE	BARAMATI	1	0	1
1371	UDAIPUR SOUTH FORESTRY DIVISION	UDAIPUR	0	1	1
1372	UNICEF PROJECT	NEW DELHI	0	1	1
1373	UNIVERSITY AGRIC SCI	RAICHUR	1	0	1
1374	UNIVERSITY AJMER	AJMER	1	0	1
1375	UNIVERSITY COLLEGE	TRIVANDRUM	0	1	1
1376	UNIVERSITY COLLEGE AGRIC	RAIPUR	0	1	1
1377	UNIVERSITY COLLEGE AGRICULTURE	CALCUTTA	1	0	1
1378	UNIVERSITY COLLEGE MED SCI GTB HOSP	SHAHDARA	1	0	1
1379	UNIVERSITY HORTICULTURE AND FORESTRY	SHARBO	0	1	1
1380	UP COUNCIL AGRIC RESEARCH	LUCKNOW	0	1	1
1381	UP COUNCIL SUGARCANE RESEARCH	SHAHJAHANPUR	0	1	1
1382	UPPER INDRAVATHY PROJECT	KORAPUT	0	1	1
1383	VA MED CENTRE, INFECTIOUS DISEASES SECTION	SALEM	1	0	1
1384	VAISH COLLEGE	ROHTAK	0	1	1
1385	VALLABHBHAI PATEL CHEST INSTITUTE	NEW DELHI	0	1	1
1386	VASUNDHARA CO-OP HSG SOCIETY	BOMBAY	0	1	1
1387	VECTOR CONTROL RESEARCH CENTRE	MALKANGIRI	0	1	1

Sl No	Institute	City/town	Number of papers		
			1992	93-94	Total
1388	VECTOR CONTROL RESEARCH CENTRE	SHERTALLY	0	1	1
1389	VENKATESHWARA RESEARCH BREEDING FARM	PUNE	0	1	1
1390	VET BIOL AND RESEARCH INSTITUTE	HYDERABAD	1	0	1
1391	VET COLLEGE	LATUR	0	1	1
1392	VET DIAGNOSTIC LAB UAS-KDDC PROJECT	MYSORE	0	1	1
1393	VET DISPENSARY	TIRUNELVELI	0	1	1
1394	VET HOSPITAL	BHADESAR	0	1	1
1395	VET HOSPITAL	DODDA	0	1	1
1396	VIJAY FEEDS FARM TOUNS LTD	KODAKARA	1	0	1
1397	VP AND RPTP SCI COLLEGE	VALLABH VIDYANAGAR	1	0	1
1398	VSR AND NVR COLLEGE	GUNTUR	1	0	1
1399	WATER AND MINERAL EXPLORATION RESEARCH AND TRAINING INSTITUTE	HYDERABAD	0	1	1
1400	WATER MANAGE PROJ KKV	DAPOLI	0	1	1
1401	WATER MANAGEMENT RESEARCH CENTRE	BELVATAGI	1	0	1
1402	WOOD BIODEGRADATION DIV-MARINE	COCHIN	0	1	1
1403	WORLD FOOD PROGRAMME	JAISALMER	1	0	1
1404	YASHWANTRAO CHAVAN INSTITUTE SCI	SATARA	0	1	1
1405	ZONAL AGRIC RESEARCH STATION	CHHINDWARA	0	1	1
1406	ZOOLOGICAL SURVEY INDIA	DEHRA DUN	1	0	1
1407	ZOOLOGICAL SURVEY INDIA PRIVATE ADDRESSES	SOLAN	1	0	1
			214	235	455
TOTAL			7455	12591	20046

Table 9: Number of papers contributed by different types of organisations as seen from BIOSIS 1992-1994

	1992	1993-94	TOTAL
Academic	4773	8149	12922
Research	1549	2630	4179
Ministries	384	708	1092
State Govt	280	452	712
Private addresses	214	235	449
Hospital	82	117	199
Society	14	25	39
Company	57	96	155
Foundation	36	42	78
International Project	58	82	140
Unclassified	28	53	81
	7455	12591	20046

Academic

Universities

	1992	93-94	TOTAL
General	2321	3322	5643
Agriculture	1277	2677	3954
Medical	417	730	1147
	4015	6729	10744

Colleges

	1992	93-94	TOTAL
General	260	403	663
Engineering	4	17	21
Medical	291	313	605
Agriculture	203	687	890
	758	1420	2178

	1992	1993-94	TOTAL
Scientific Agencies			
Department of Atomic Energy(DAE)	105	271	376
Council of Scientific and Industrial Research (CSIR)	567	978	1545
Defence Research and Development Organization (DRDO)	47	87	134
Indian Council of Agricultural Research (ICAR)	648	1060	1708
Indian Council of Medical Research (ICMR)	182	234	416
	1549	2630	4179
Ministries			
Ministry of Commerce	6	28	34
Ministry of Chemicals and Fertilizers	4	5	9
Ministry of Defence	1	2	3
Ministry of Environment and Forests	100	103	203
Ministry of Power	1	0	1
Ministry of Energy	2	0	2
Ministry of Food and Civil Supplies	1	1	2
Ministry of Home Affairs	1	1	2
Ministry of Health and Family Welfare	74	178	252
Ministry of Human Resource Development	1	4	5
Ministry of Industry	7	19	26
Ministry of Mines	1	8	9
Ministry of Petroleum and Natural Gas	2	30	32
Ministry of Planning	13	10	23
Ministry of Science and Technology	142	255	397
Ministry of Textiles	26	61	87
Ministry of Water Resources	2	3	5
	384	708	1092

**Table 10: Indian cities/towns contributing to the world literature of life science
as seen from BIOSIS 1992-94
[arranged by number of papers]**

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
1	DELHI	DELHI	797	1138	1935
2	CALCUTTA	WEST BENGAL	378	622	1000
3	LUCKNOW	UTTAR PRADESH	365	480	845
4	BOMBAY	MAHARASHTRA	336	480	816
5	BANGALORE	KARNATAKA	325	487	812
6	HYDERABAD	ANDHRA PRADESH	324	469	793
7	HISSAR	HARYANA	232	551	783
8	LUDHIANA	PUNJAB	276	437	713
9	MADRAS	TAMIL NADU	202	373	575
10	CHANDIGARH	CHANDIGARH	195	307	502
11	VARANASI	UTTAR PRADESH	183	272	455
12	MYSORE	KARNATAKA	112	253	365
13	PUNE	MAHARASHTRA	122	231	353
14	IZATNAGAR	UTTAR PRADESH	101	156	257
15	KALYANI	WEST BENGAL	96	154	250
16	COIMBATORE	TAMIL NADU	73	172	245
17	JABALPUR	MADHYA PRADESH	83	157	240
18	PALAMPUR	HIMACHAL PRADESH	66	166	232
19	ALIGARH	UTTAR PRADESH	94	128	222
20	KARNAL	HARYANA	73	117	190
21	PANTNAGAR	UTTAR PRADESH	72	114	186
22	ANAND	GUJARAT	59	125	184
23	BHUBANESWAR	ORISSA	61	117	178
24	TRICHUR	KERALA	52	126	178
25	AKOLA	MAHARASHTRA	37	138	175
26	DHARWAD	KARNATAKA	67	107	174
27	PARBHANI	MAHARASHTRA	38	136	174
28	RANCHI	BIHAR	48	123	171
29	TRIVANDRUM	KERALA	56	111	167
30	AHMEDABAD	GUJARAT	70	92	162
31	SHILLONG	MEGHALAYA	58	100	158
32	RAHURI	MAHARASHTRA	37	115	152
33	JORHAT	ASSAM	35	116	151
34	DEHRA DUN	UTTAR PRADESH	52	96	148
35	TIRUPATI	ANDHRA PRADESH	75	71	146
36	VELLORE	TAMIL NADU	44	100	144
37	BIKANER	RAJASTHAN	50	93	143
38	NAGPUR	MAHARASHTRA	45	97	142
39	MADURAI	TAMIL NADU	48	92	140
40	PONDICHERRY	PONDICHERRY	59	74	133
41	VISAKHAPATNAM	ANDHRA PRADESH	53	76	129

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
42	SRINAGAR	JAMMU & KASHMIR	50	77	127
43	PATANCHERU	ANDHRA PRADESH	53	72	125
44	KANPUR	UTTAR PRADESH	42	69	111
45	GWALIOR	MADHYA PRADESH	42	68	110
46	JODHPUR	RAJASTHAN	30	73	103
47	BARODA	GUJARAT	35	66	101
48	BURDWAN	WEST BENGAL	39	60	99
49	JAMMU TAWI	JAMMU & KASHMIR	35	63	98
50	JAIPUR	RAJASTHAN	28	69	97
51	DONA PAULA	GOA	26	70	96
52	SAMASTIPUR	BIHAR	35	60	95
53	KARIAVATTOM	KERALA	33	61	94
54	PATIALA	PUNJAB	36	57	93
55	SOLAN	HIMACHAL PRADESH	29	62	91
56	ROHTAK	HARYANA	39	50	89
57	GORAKPUR	UTTAR PRADESH	49	39	88
58	RAIPUR	MADHYA PRADESH	25	59	84
59	FAIZABAD	UTTAR PRADESH	40	42	82
60	BHOPAL	MADHYA PRADESH	27	54	81
61	MEERUT	UTTAR PRADESH	30	43	73
62	CALICUT	KERALA	22	47	69
63	SHIMLA	HIMACHAL PRADESH	28	41	69
64	KURUKSHETRA	HARYANA	18	49	67
65	MANIPAL	KARNATAKA	28	39	67
66	BHAGALPUR	BIHAR	29	37	66
67	AGRA	UTTAR PRADESH	25	40	65
68	VALLABH VIDYANAGAR	GUJARAT	33	30	63
69	WARANGAL	ANDHRA PRADESH	23	41	63
70	COCHIN	KERALA	28	34	62
71	INDORE	MADHYA PRADESH	26	36	62
72	DAPOLI	MAHARASHTRA	16	45	61
73	HOWRAH	WEST BENGAL	15	46	61
74	NAINITAL	UTTAR PRADESH	21	39	60
75	ALLAHABAD	UTTAR PRADESH	25	31	56
76	BHAVNAGAR	GUJARAT	28	27	55
77	MANGALORE	KARNATAKA	19	36	55
78	KHARAGPUR	WEST BENGAL	17	37	54
79	AMRITSAR	PUNJAB	23	29	52
80	CUTTACK	ORISSA	25	27	52
81	BERHAMPUR	ORISSA	21	30	51
82	JHANSI	UTTAR PRADESH	21	30	51
83	ANANTAPUR	ANDHRA PRADESH	19	30	49
84	UDAIPUR	RAJASTHAN	13	31	44

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
85	SAGAR	MADHYA PRADESH	13	30	43
86	SANTINIKETAN	WEST BENGAL	11	32	43
87	TIRUCHIRAPALLI	TAMIL NADU	9	34	43
88	KOLHAPUR	MAHARASHTRA	19	20	39
89	AURANGABAD	MAHARASHTRA	12	26	38
90	ROORKEE	UTTAR PRADESH	14	22	36
91	BAREILLY	UTTAR PRADESH	13	20	33
92	PATNA	BIHAR	12	21	33
93	PORT BLAIR	ANDAMAN & NICOBAR	10	22	32
94	UJJAIN	MAHDYA PRADESH	12	18	30
95	IMPHAL	MANIPUR	15	14	29
96	SAMBALPUR	ORISSA	8	20	28
97	ANNAMALAINAGAR	TAMIL NADU	7	20	27
98	BAMBOLIM	GOA	8	19	27
99	NAMAKKAL	TAMIL NADU	11	16	27
100	BILASPUR	MADHYA PRADESH	7	18	25
101	PADAPPAL	TAMIL NADU	12	13	25
102	GANGTOK	SIKKIM	5	17	22
103	NAGARJUNANAGAR	ANDHRA PRADESH	11	11	22
104	SEHORE	MADHYA PRADESH	2	20	22
105	GULBARGA	KARNATAKA	2	18	20
106	MAKHDOOM	UTTAR PRADESH	9	10	19
107	RAJKOT	GUJARAT	8	11	19
108	TUTICORIN	TAMIL NADU	7	12	19
109	JUNAGADH	GUJARAT	4	14	18
110	KOTTAYAM	KERALA	5	13	18
111	MODIPURAM	UTTAR PRADESH	2	16	18
112	AGARTALA	TRIPURA	4	13	17
113	DIBRUGARH	ASSAM	3	12	15
114	GUWAHATI	ASSAM	6	9	15
115	MIDNAPORE	WEST BENGAL	5	10	15
116	PALAYANKOTTAI	TAMIL NADU	8	7	15
117	SILIGURI	WEST BENGAL	4	11	15
118	CHIKMAGALUR	KARNATAKA	4	10	14
119	GUNTUR	ANDHRA PRADESH	4	10	14
120	GHAZIABAD	UTTAR PRADESH	6	7	13
121	MHOW	MADHY PRADESH	6	7	13
122	WARDHA	MAHARASHTRA	6	7	13
123	DHULE	MAHARASHTRA	2	10	12
124	MOHANPUR	WEST BENGAL	6	6	12
125	AJMER	RAJASTHAN	4	7	11
126	MUZAFFARNAGAR	UTTAR PRADESH	5	6	11
127	QUILON	KERALA	2	9	11

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
128	SHAHJAHANPUR	UTTAR PRADESH	5	6	11
129	ALWAR	RAJASTHAN	2	8	10
130	AVIKANAGAR	RAJASTHAN	3	7	10
131	BARRACKPORE	WEST BENGAL	7	3	10
132	DARJEELING	WEST BENGAL	4	6	10
133	JALGAON	MAHARASHTRA	4	6	10
134	ROURKELA	ORISSA	4	6	10
135	SALEM	TAMIL NADU	4	6	10
136	SURAT	GUJARAT	3	7	10
137	BERHAMPORE	WEST BENGAL	6	3	9
138	DARBHANGA	BIHAR	4	5	9
139	DHOLI	BIHAR	3	6	9
140	HAZARIBAGH	BIHAR	5	4	9
141	KHARGONE	MADHYA PRADESH	1	8	9
142	KRISHNAPURAM	KERALA	2	7	9
143	MATHURA	UTTAR PRADESH	3	6	9
144	BELGAUM	KARNATAKA	2	6	8
145	ERODE	TAMIL NADU	4	4	8
146	JULLUNDUR	PUNJAB	1	7	8
147	KULU VALLEY	HIMACHAL PRADESH	5	3	8
148	MORADABAD	UTTAR PRADESH	5	3	8
149	REWA	ANDHRA PRADESH	3	5	8
150	THANE	MAHARASHTRA	6	2	8
151	HARDWAR	UTTAR PRADESH	2	5	7
152	JAUNPUR	GUJARAT	4	3	7
153	KALPAKKAM	TAMIL NADU	4	3	7
154	PILANI	RAJASTHAN	2	5	7
155	PUDUKKOTTAI	TAMIL NADU	0	7	7
156	ADUTHURAI	TAMIL NADU	0	6	6
157	ALMORA	UTTAR PRADESH	3	3	6
158	BHAVANISAGAR	TAMIL NADU	4	2	6
159	BULANDSHAHAR	UTTAR PRADESH	4	2	6
160	FARIDABAD	HARYANA	3	3	6
161	GURGAON	HARYANA	1	5	6
162	JAMNAGAR	GUJARAT	2	4	6
163	KASALI	HIMACHAL PRADESH	2	4	6
164	MUZAFFARPUR	BIHAR	2	4	6
165	NAGARCOIL	TAMIL NADU	1	5	6
166	URULI KANCHAN	MAHARASHTRA	3	3	6
167	BODH GAYA	BIHAR	3	2	5
168	BURLA	ORISSA	2	3	5
169	CHENGALPATTU	TAMIL NADU	2	3	5
170	CHHINDWARA	MADHYA PRADESH	1	4	5
171	DEORIA	UTTAR PRADESH	1	4	5

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
172	DHANBAD	BIHAR	3	2	5
173	KARAD	MAHARASHTRA	2	3	5
174	MORENA	MADHYA PRADESH	2	3	5
175	PANAJI	GOA	2	3	5
176	TEZPUR	ASSAM	3	2	5
177	TIRUNELVELI	TAMIL NADU	0	5	5
178	AHMEDNAGAR	MAHARASHTRA	0	4	4
179	AZAMGARH	UTTAR PRADESH	3	1	4
180	BELLARY	KARNATAKA	0	4	4
181	BHIWANDI	MAHARASHTRA	0	4	4
182	CHATRAPUR	MADHYA PRADESH	4	0	4
183	DURGAPUR	WEST BENGAL	0	4	4
184	FAISALABAD	PUNJAB	1	3	4
185	KARAIKUDI	TAMIL NADU	3	1	4
186	KINNAUR	HIMACHAL PRADESH	3	1	4
187	LATUR	MAHARASHTRA	0	4	4
188	NIPHAD	MAHARASHTRA	2	2	4
189	PALEM	ANDHRA PRADESH	2	2	4
190	PATRATU	BIHAR	2	2	4
191	PITHORAGARH	UTTAR PRADESH	2	2	4
192	POONDI	TAMIL NADU	1	3	4
193	RAJAHMUNDRY	ANDHRA PRADESH	1	3	4
194	SINDEWAHI	MAHARASHTRA	0	4	4
195	VIRUDHUNAGAR	TAMIL NADU	1	3	4
196	ANAKAPALLE	ANDHRA PRADESH	0	3	3
197	ARRAH	BIHAR	1	2	3
198	BAGESHWAR	UTTAR PRADESH	2	1	3
199	BAJAURA	HIMACHAL PRADESH	2	1	3
200	BALASORE	ORISSA	1	2	3
201	BALLIA	UTTAR PRADESH	0	3	3
202	BANAVASI	ANDHRA PRADESH	0	3	3
203	BHILAI	MADHYA PRADESH	0	3	3
204	CANNANORE	KERALA	1	2	3
205	COONOR	TAMIL NADU	0	3	3
206	DHARMAPURI	TAMIL NADU	0	3	3
207	GANDHINAGAR	GUJARAT	3	0	3
208	GHAZIPUR	UTTAR PRADESH	0	3	3
209	JACHH	HIMACHAL PRADESH	0	3	3
210	JALPAIGURI	WEST BENGAL	0	3	3
211	JHARGRAM	WEST BENGAL	2	1	3
212	KALIMELA	ORISSA	1	2	3
213	KARAIKAL	PONDICHERRY	1	2	3
214	KATTUPAKKAM	TAMIL NADU	2	1	3
215	KHANDWA	MADHYA PRADESH	0	3	3

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
216	KORAPUT	RAJASTHAN	1	2	3
217	KURNOOL	ANDHRA PRADESH	0	3	3
218	MADHUBANI (TOWN)	BIHAR	3	0	3
219	MAHABLESHWAR	MAHARASHTRA	1	2	3
220	METTUPALAYAM	TAMIL NADU	3	0	3
221	MIRAJ	MAHARASHTRA	1	2	3
222	MUDIGERE	KARNATAKA	1	2	3
223	NAIHATI	WEST BENGAL	1	2	3
224	NASIK	MAHARASHTRA	2	1	3
225	OOTACAMUND	TAMIL NADU	0	3	3
226	PERIYAKULAM	TAMIL NADU	2	1	3
227	PURNEA	BIHAR	0	3	3
228	RAIGADH 383 276	GUJARAT	2	1	3
229	RANIPET	TAMIL NADU	1	2	3
230	SAHARANPUR	UTTAR PRADESH	1	2	3
231	SIRSA	HARYANA	2	1	3
232	SOLAPUR	MAHARASHTRA	0	3	3
233	THANJAVUR	TAMIL NADU	1	2	3
234	VALPARAI	TAMIL NADU	1	2	3
235	VIDISHA	MADHYA PRADESH	1	2	3
236	VIJAYAWADA	ANDHRA PRADESH	2	1	3
237	ALLEPPEY	KERALA	1	1	2
238	AMBAJOGAI	MAHARASHTRA	0	2	2
239	AMBILIKKAI	TAMIL NADU	0	2	2
240	AMRAVATI	MAHARASHTRA	2	0	2
241	BARAUT	UTTAR PRADESH	2	0	2
242	BIDAR	KARNATAKA	0	2	2
243	BIHAR SHARIF	BIHAR	1	1	2
244	BIRBHUM	WEST BENGAL	1	1	2
245	BRAHMAVAR	KARNATAKA	2	0	2
246	CHINSURAH	WEST BENGAL	0	2	2
247	CUDDALORE	TAMIL NADU	2	0	2
248	DIPHU	ASSAM	0	2	2
249	GADCHIROLI	MAHARASHTRA	0	2	2
250	GANDHIGRAM	TAMILNADU	0	2	2
251	HANAMKONDA	ANDHRA PRADESH	1	1	2
252	HOSHANGABAD	MADHYA PRADESH	1	1	2
253	IRINJALAKUDA	KERALA	0	2	2
254	JAGTYAL	ANDHRA PRADESH	1	1	2
255	JALNA	MAHARASHTRA	2	0	2
256	JAMSHEDPUR	BIHAR	2	0	2
257	KANCHEEPURAM	TAMIL NADU	1	1	2
258	KASARAGOD	KERALA	1	1	2
259	KEONJHAR	ORISSA	0	2	2

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
260	KILLIKULAM	TAMIL NADU	2	0	2
261	KOTA	RAJASTHAN	1	1	2
262	KOTDWARA	UTTAR PRADESH	2	0	2
263	KOVILPATTI	TAMIL NADU	1	1	2
264	KUMARAKOM	KERALA	2	0	2
265	MADAKKATHARA	KERALA	0	2	2
266	MANNAVANUR	TAMIL NADU	2	0	2
267	MARUTERU	ANDHRA PRADESH	0	2	2
268	PALAMANER	ANDHRA PRADESH	1	1	2
269	PANCHKULA	HARYANA	2	0	2
270	PATTAMBI	KERALA	0	2	2
271	PHAGLI	HIMACHAL PRADESH	0	2	2
272	PHONDAGHAT	KARNATAKA	1	1	2
273	RATNAGIRI	MAHARASHTRA	0	2	2
274	RISHIKESH	UTTAR PRADESH	2	0	2
275	ROPAR	PUNJAB	0	2	2
276	SAHIEGUNJ	BIHAR	2	0	2
277	SANGLI	MAHARASHTRA	1	1	2
278	SHIMOGA	KARNATAKA	1	1	2
279	SIKAR	GUJARAT	1	1	2
280	SILCHAR	ASSAM	2	0	2
281	SONAMUKHI	WEST BENGAL	2	0	2
282	SONITPUR	ASSAM	0	2	2
283	SOPORE	JAMMU & KASHMIR	0	2	2
284	SRIVILLIPUTTUR	TAMIL NADU	1	1	2
285	SULTANPUR	UTTAR PRADESH	1	1	2
286	VALSAD	GUJARAT	2	0	2
287	VERAVAL	GUJARAT	1	1	2
288	VITTAL	KARNATAKA	2	0	2
289	VRIDDHACHALAM	TAMIL NADU	1	1	2
290	AIZAWL	MIZORAM	1	0	1
291	AMBAH	MADHYA PRADESH	0	1	1
292	AMBALA	HARYANA	0	1	1
293	AMBASAMUDRAM	TAMIL NADU	0	1	1
294	ANANTHARAJUPET	ANDHRA PRADESH	0	1	1
295	ANANTNAG	JAMMU & KASHMIR	1	0	1
296	BADNAPUR	MAHARASHTRA	0	1	1
297	BAHADURGARH	PUNJAB	0	1	1
298	BAKEWAR	UTTAR PRADESH	1	0	1
299	BANDERDEWA	ANDHRA PRADESH	0	1	1
300	BANSWARA	RAJASTHAN	0	1	1
301	BARAMATI	MAHARASHTRA	1	0	1
302	BARATURIGRAM	WEST BENGAL	1	0	1
303	BASTI	UTTAR PRADESH	0	1	1

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
304	BAWAL	HARYANA	1	0	1
305	BELVATAGI	KARNATAKA	1	0	1
306	BHADESAR	RAJASTHAN	0	1	1
307	BHALUKPONG	ARUNACHAL PRADESH	0	1	1
308	BHARATPUR	RAJASTHAN	1	0	1
309	BHEEMARAYANAGUDI	KARNATAKA	0	1	1
310	BHILWARA	RAJASTHAN	0	1	1
311	BICHPURI	UTTAR PRADESH	0	1	1
312	BISHUNPUR	WEST BENGAL	0	1	1
313	BOKARO	BIHAR	0	1	1
314	BOKO	ASSAM	0	1	1
315	BUDAUN	UTTAR PRADESH	1	0	1
316	CANNING TOWN	WEST BENGAL	1	0	1
317	CHAMOLI	UTTAR PRADESH	0	1	1
318	CHANDANNAGAR	WEST BENGAL	1	0	1
319	CHAUBATTIA	UTTAR PRADESH	0	1	1
320	CHIKITI	ORISSA	0	1	1
321	CHIPLIMA	ORISSA	1	0	1
322	CHITRAKUT	MADHYA PRADESH	0	1	1
323	CHITTOOR	ANDHRA PRADESH	0	1	1
324	CHOREPALIA	ORISSA	1	0	1
325	CHUNDALE WAYANAD	KERALA	0	1	1
326	COOCH BIHAR	WEST BENGAL	1	0	1
327	CUDDAPAH	ANDHRA PRADESH	1	0	1
328	DAVANGERE	KARNATAKA	0	1	1
329	DHENKANAL	ORISSA	0	1	1
330	DODDA	PUNJAB	0	1	1
331	DUNGARPUR	RAJASTHAN	0	1	1
332	DURG	MADHYA PRADESH	1	0	1
333	GOBICHETTIPALAYAM	TAMIL NADU	1	0	1
334	GOPESHWAR	UTTAR PRADESH	0	1	1
335	HALDWANI	UTTAR PRADESH	1	0	1
336	HAMIRPUR	HIMACHAL PRADESH	0	1	1
337	HANUMANGARH TOWN	RAJASTHAN	0	1	1
338	HAPUR	UTTAR PRADESH	0	1	1
339	HASSAN	KARNATAKA	0	1	1
340	HEKRA	ASSAM	1	0	1
341	ITANAGAR	ARUNACHAL PRADESH	0	1	1
342	JAISALMER	RAJASTHAN	1	0	1
343	JEYPORE	ORISSA	1	0	1
344	JIND	HARYANA	0	1	1
345	KAILASANADO	KERALA	1	0	1

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
346	KAITHAL	HARYANA	0	1	1
347	KAKINADA	ANDHRA PRADESH	0	1	1
348	KARAMSAD	GUJARAT	0	1	1
349	KASHIPUR	UTTAR PRADESH	1	0	1
350	KATIHAR	BIHAR	0	1	1
351	KAUL	HARYANA	1	0	1
352	KAYANGULAM	KERALA	0	1	1
353	KHANDAR	MAHARASHTRA	1	0	1
354	KODAKARA	KERALA	1	0	1
355	KOLAR	KARNATAKA	0	1	1
356	KOLENCHERY	KERALA	0	1	1
357	KONAKANAMITTA	ANDHRA PRADESH	1	0	1
358	KOOTHATTUKULAM	KERALA	1	0	1
359	KOTHAGUDEM	ANDHRA PRASEH	1	0	1
360	KOVILANGULAM	TAMIL NADU	0	1	1
361	KUDAL	MAHARASHTRA	0	1	1
362	KUNNAMANGALAM	KERALA	1	0	1
363	KURSEONG	WSET BENGAL	0	1	1
364	KUZHITHURA	TAMIL NADU	0	1	1
365	LALI	GUJARAT	0	1	1
366	LALITPUR	UTTAR PRADESH	1	0	1
367	LAMPHELPAT	MANIPUR	1	0	1
368	LONAVLA	MAHARASHTRA	0	1	1
369	MADHOPUR	BIHAR	0	1	1
370	MAHAD	MAHARASHTRA	0	1	1
371	MAHISAPAT	ORISSA	1	0	1
372	MALAMPUZHA	KERALA	0	1	1
373	MALAPPURAM	KERALA	0	1	1
374	MALKANGIRI	ORISSA	0	1	1
375	MALLEPALLY	ANDHRA PRADESH	0	1	1
376	MAMALLAPURAM	TAMIL NADU	0	1	1
377	MANDYA	KARNATAKA	0	1	1
378	MARAIMALAI NAGAR	TAMIL NADU	0	1	1
379	MARGAO	GOA	0	1	1
380	MASHOBRA	HIMACHAL PRADESH	1	0	1
381	MEHSANA	GUJARAT	1	0	1
382	MELE PATTAMBI	KERALA	1	0	1
383	MELVISHARAM	TAMIL NADU	0	1	1
384	MITHAPUR	GUJARAT	1	0	1
385	MODINAGAR	UTTAR PRADESH	0	1	1
386	MOTHIHARI	BIHAR	1	0	1
387	MUTTOM	TAMIL NADU	1	0	1
388	NALANDA	BIHAR	1	0	1
389	NANDED	MAHARASHTRA	1	0	1

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
390	NANDYAL	ANDHRA PRADESH	0	1	1
391	NARSAPUR	ANDHRA PRADESH	0	1	1
392	NAYA NANGAL	PUNJAB	0	1	1
393	NAYAGARH	ORISSA	1	0	1
394	NEKARIKALLU	ANDHRA PRADESH	0	1	1
395	NEW BARRACKPORE	WEST BENGAL	0	1	1
396	NEW MAHE	KERALA	1	0	1
397	NEYVELI	TAMIL NADU	1	0	1
398	NOIDA	UTTAR PRADESH	0	1	1
399	NORTH LAKHIMPUR	ASSAM	1	0	1
400	ONGOLE	ANDHRA PRADESH	0	1	1
401	PADEGAON	MAHARASHTRA	0	1	1
402	PALYUR	TAMIL NADU	0	1	1
403	PALGHAT	KERALA	0	1	1
404	PAMPORE	JAMMU & KASHMIR	0	1	1
405	PARAMAKUDI	TAMIL NADU	0	1	1
406	PATHANAMITHITTA	KERALA	0	1	1
407	PAYYANNUR	KERALA	0	1	1
408	PECHIPARAI	TAMIL NADU	0	1	1
409	POLLACHI	TAMIL NADU	1	0	1
410	PONNAMPET	KARNATAKA	0	1	1
411	PURI	ORISSA	1	0	1
412	PUROLA	UTTAR PRADESH	0	1	1
413	PUSA	BIHAR	1	0	1
414	PUSAD	MAHARASHTRA	0	1	1
415	RAE BARELI	UTTAR PRADESH	1	0	1
416	RAHARA	WEST BENGAL	0	1	1
417	RAICHUR	KARNATAKA	1	0	1
418	RATNAGIRI	MAHARASHTRA	0	1	1
419	RAVALGAON	MAHARASHTRA	0	1	1
420	SADHAURA	HARYANA	0	1	1
421	SARDAR KRUSHINAGAR	GUJARAT	0	1	1
422	SATARA	MAHARASHTRA	0	1	1
423	SAVERIYARPURAM	TAMIL NADU	1	0	1
424	SEORAH	UTTAR PRADESH	1	0	1
425	SHARBO	HIMACHAL PRADESH	0	1	1
426	SHERTALLY	KERALA	0	1	1
427	SHIKOHABAD	UTTAR PRADESH	1	0	1
428	SHIRGAON	MAHARASHTRA	0	1	1
429	SINDRI	BIHAR	1	0	1
430	SIRMOUR	HIMACHAL PRADESH	1	0	1
431	SIRSI	KARNATAKA	1	0	1
432	SITAMARHI	BIHAR	0	1	1

Sl No.	City/town	State	Number of Indian papers		
			1992	93-94	Total
433	SIVAKASI	TAMIL NADU	0	1	1
434	SONAPUR	ASSAM	0	1	1
435	SRIGANGANAGAR	RAJASTHAN	0	1	1
436	SRINIKETAN	WEST BENGAL	1	0	1
437	SRINIVASANAGAR	KARNATAKA	0	1	1
438	SUNDARGARH	ORISSA	1	0	1
439	TALIPARAMBA	KERALA	0	1	1
440	THAZHEKKAD	KERALA	0	1	1
441	TIKAMGARH	MADHYA PRADESH	0	1	1
442	TIRUR	KERALA	1	0	1
443	TIRUVALLA	KERALA	0	1	1
444	TURA	MEGHALAYA	0	1	1
445	UDGIR	MAHARASHTRA	1	0	1
446	UDUPI	KARNATAKA	0	1	1
447	UNA	HIMACHAL PRADESH	1	0	1
448	VEDASANDUR	TAMIL NADU	1	0	1
449	VENGURLA	MAHARASHTRA	0	1	1
450	VEPPANKULAM	TAMIL NADU	0	1	1
451	VIRBHADRA	UTTAR PRADESH	0	1	1
452	VIZIANAGARAM	ANDHRA PRADESH	1	0	1
453	WANI	MAHARASHTRA	0	1	1
454	WARANANAGAR	MAHARASHTRA	0	1	1
455	WARDHANNAPET	ANDHRA PRADESH	0	1	1
456	WARORA	MAHARASHTRA	0	1	1
457	WEST KAMENG	ARUNACHAL PRADESH	0	1	1
458	YERCAUD	TAMIL NADU	1	0	1
	UNKNOWN		9	20	29
TOTAL			7455	12591	20046

**Table 11: Indian states contributing to the world literature of life science
as seen from *BIOSIS* 1992-94
[arranged by number of papers]**

Sl NO.	State	Number of Indian papers		
		1992	1993-94	Total
1	UTTAR PRADESH	1035	1436	2471
2	MAHARASHTRA	708	1302	2010
3	DELHI	797	1138	1935
4	WEST BENGAL	582	999	1581
5	KARNATAKA	580	989	1569
6	TAMIL NADU	488	936	1424
7	ANDHRA PRADESH	581	817	1398
8	HARYANA	376	765	1141
9	KERALA	396	718	1114
10	PUNJAB	338	524	862
11	MADHYA PRADESH	250	489	739
12	GUJARAT	259	391	650
13	CHANDIGARH	195	317	512
14	RAJASTHAN	138	310	448
15	BIHAR	161	281	442
16	HIMACHAL PRADESH	138	282	420
17	ORISSA	130	214	344
18	JAMMU & KASHMIR	86	156	242
19	ASSAM	51	146	197
20	MEGHALAYA	58	101	159
21	PONDICHERRY	60	76	136
22	GOA	36	88	124
23	ANDAMAN & NICOBAR	10	22	32
24	MANIPUR	16	15	31
25	SIKKIM	5	17	22
26	TRIPURA	4	13	17
27	ARUNACHAL PRADESH	0	3	3
28	MIZORAM	1	0	1
	UNKNOWN	10	20	30
TOTAL		7455	12591	20046

Table 12: India's contribution to the world literature of life sciences categorised by leading institutions and impact factors (IF94) of journals used [Source: BIOSIS 1992-94]

Institution	Impact factor range (IF94)															TOTAL
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
CCS HARYANA AGRIC UNIVERSITY	360	293	57	40	2	0	0	0	0	0	0	0	0	0	0	752
PUNJAB AGRIC UNIVERSITY	375	208	84	21	2	0	2	0	0	0	0	0	0	0	0	692
BANARAS HINDU UNIVERSITY	180	98	71	62	17	3	5	4	0	0	0	0	0	0	0	440
ALL INDIA INST MED SCIENCE	105	99	52	41	21	25	12	6	3	1	1	1	3	0	2	372
INDIAN AGRIC RESEARCH INSTITUTE	200	96	35	25	7	1	2	0	1	0	0	0	0	0	0	367
UNIVERSITY OF DELHI	101	60	55	41	22	14	15	2	2	1	2	0	0	1	0	316
POSTGRADUATE INSTITUTE MED EDUCATION RESEARCH, CHANDIGARH	57	82	60	38	26	14	10	2	3	0	1	0	0	0	2	295
UNIVERSITY OF CALCUTTA	123	69	25	29	8	7	5	3	1	1	0	0	0	0	0	271
INDIAN INSTITUTE OF SCIENCE	20	46	17	39	17	24	10	14	7	10	0	2	7	7	4	224
HIMACHAL PRADESH KRISHI VISHWAVIDYALAYA	113	89	15	3	1	0	1	0	0	0	0	0	0	0	0	222
CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE	39	72	72	22	10	1	3	1	1	0	0	0	0	0	0	221
CENTRAL DRUG RESEARCH INSTITUTE	96	33	31	21	12	13	1	5	2	1	1	0	0	0	0	216
ALIGARH MUSLIM UNIVERSITY	121	30	31	18	5	4	5	0	0	1	0	0	0	0	0	215
INDIAN VET RESEARCH INSTITUTE	51	122	23	8	4	1	0	0	0	0	0	0	0	0	0	209
GB PANT UNIVERISITY AGRIC AND TECHNOL	88	72	18	8	0	0	0	0	0	0	0	0	0	0	0	186
BHABHA ATOMIC RESEACH CENTRE	37	40	44	26	12	4	2	5	2	0	0	0	1	0	0	173
BIDHAN CHANDRA KRISHI VISHWAVIDYALAYA	76	69	20	3	1	0	0	0	0	0	0	0	0	0	0	169
MARATHWADA AGRIC UNIVERSITY	123	43	3	0	0	0	0	0	0	0	0	0	0	0	0	169
PUNJABRAO KRISHI VIDYAPEETH	140	29	0	0	0	0	0	0	0	0	0	0	0	0	0	169
NATIONAL CHEMICAL LAB	16	49	28	21	17	19	3	5	3	6	0	0	1	0	0	168
INDIAN INSTITUTE OF CHEMICAL BIOLOGY	10	22	19	33	9	21	6	4	1	5	2	1	1	2	0	136
NATIONAL INSTITUTE OF IMMUNOLOGY	13	14	19	17	8	20	8	2	6	4	3	0	0	6	0	120
INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY	8	8	19	20	4	33	7	0	0	0	0	0	0	0	0	99
CENTER FOR CELLULAR AND MOLECULAR BIOLOGY	6	16	7	3	5	5	8	6	13	7	0	8	0	2	0	86
	2458	1759	805	539	210	209	105	59	45	37	10	12	13	18	8	6287

A - >= 0.0 D - > 1.0 - <= 1.5 G - > 2.5 - <= 3.0 J - > 4.0 - <= 4.5 M - > 6.0 - <= 7.0 Only institutions with more than 150 papers are included.
 B - > 0.0 - <= 0.5 E - > 1.5 - <= 2.0 H - > 3.0 - <= 3.5 K - > 4.5 - <= 5.0 N - > 7.0 - <= 8.0

Table 13: India's contribution to the journal literature of life sciences categorised by subfields and impact factors of journals [Source: BIOSIS 1992-94]

No.	Subfield	Impact factor range (IF94)														TOTAL	
		AA	A	B	C	D	E	F	G	H	I	J	K	L	M		N
1	AGRICUL	1712	972	140	0	0	0	0	0	0	0	0	0	0	0	0	2824
2	PLANT SCI	1523	232	219	239	65	6	4	5	7	0	0	0	0	0	0	2300
3	BIOLOGY	1212	92	15	8	2	11	0	0	0	0	0	0	0	0	1	1341
4	VET SCI	381	602	26	1	14	0	0	0	0	0	0	0	0	0	0	1024
5	AGRI, DAIRY	380	460	19	2	0	0	0	0	0	0	0	0	0	0	0	861
6	PHARMACOL	511	86	78	63	17	22	5	5	0	0	2	0	0	0	0	789
7	BIOCHEM	10	3	207	131	54	31	68	48	19	35	3	22	13	30	0	674
8	AGRI, SOIL	404	84	72	23	0	0	0	0	0	0	0	0	0	0	0	583
9	FOOD SCI	41	354	109	76	0	0	0	0	0	0	0	0	0	0	0	580
10	ZOOLOGY	449	59	28	12	6	0	0	0	0	0	0	0	0	0	0	554
11	ENTOMOL	417	90	31	3	6	0	0	0	0	0	0	0	0	0	0	547
12	ENV SCI	54	187	102	42	0	0	6	0	0	0	0	0	0	0	0	391
13	MICROBIOL	29	108	43	59	80	23	1	29	0	11	0	0	0	0	0	383
14	MED, GEN	177	160	1	0	1	3	0	0	1	4	0	0	1	0	6	354
15	CHEM, ORG	1	143	3	39	25	128	0	13	0	0	0	0	0	0	0	352
16	MULTIDIS SCI	49	253	0	1	18	0	0	0	0	0	0	0	0	0	8	329
17	FORESTRY	251	25	15	0	0	0	0	0	0	0	0	0	0	0	0	291
18	TROP MED	150	55	56	9	0	0	0	0	0	0	0	0	0	0	0	270
19	BIOTECH	0	90	101	20	41	9	0	0	0	0	0	0	0	0	0	261
20	GENETICS	61	25	17	15	76	24	32	0	0	0	0	0	0	0	1	251
21	PEDIAT	175	13	16	3	2	0	2	0	0	0	0	0	0	0	0	211
22	MED, RES	13	172	16	0	1	2	0	0	0	0	0	0	0	0	0	204
23	ONCOL	28	40	9	73	14	23	5	10	0	0	0	0	0	0	0	202
24	ECOLOGY	151	5	19	24	0	0	1	0	0	0	0	0	0	0	0	200
25	CELL BIOL	123	0	46	13	2	7	1	1	0	1	1	0	0	0	1	196

No.	Subfield	Impact factor range (IF94)														TOTAL	
		AA	A	B	C	D	E	F	G	H	I	J	K	L	M		N
26	BIOPHYS	1	98	4	29	8	9	0	0	38	3	0	0	0	0	0	190
27	PUB HEALTH	115	1	15	7	31	0	1	1	0	0	0	0	0	0	0	171
28	FISHERIES	124	14	17	0	0	0	0	0	0	0	0	0	0	0	0	155
29	IMMUNOL	11	0	26	33	8	28	20	0	9	1	1	3	0	5	0	145
30	CHEM, ANAL	19	0	44	47	10	1	20	0	0	0	1	0	0	0	0	142
31	TOXICOL	0	7	40	84	4	0	0	0	0	0	0	0	0	0	0	135
32	NEUROSCI	4	15	29	19	18	3	28	16	0	1	1	0	0	0	0	134
33	GEOSCI	115	2	0	1	0	0	1	0	0	0	0	0	0	0	0	119
34	CHEMISTRY	32	1	18	63	0	0	1	0	0	0	0	3	0	0	0	118
35	CARDIOVASC	0	62	7	18	10	11	0	2	0	0	0	0	1	0	0	111
36	OCEAN	1	95	4	1	1	1	2	0	0	0	0	0	0	0	0	105
37	PHYSIOL	77	15	1	5	3	0	0	2	0	0	2	0	0	0	0	105
38	OPHTHALMOL	72	20	2	2	4	2	0	0	0	0	0	0	0	0	0	102
39	RADIOL	24	15	20	15	6	5	6	0	2	0	0	0	0	0	0	93
40	SURGERY	6	47	31	0	5	0	0	0	0	0	0	0	0	0	0	89
41	MYCOLOGY	12	24	23	28	0	0	0	0	0	0	0	0	0	0	0	87
42	UROL NEPH	7	22	26	10	9	0	13	0	0	0	0	0	0	0	0	87
43	ANATOMY	59	0	25	2	0	0	0	0	0	0	0	0	0	0	0	86
44	NUTRI DIET	6	52	2	20	2	4	0	0	0	0	0	0	0	0	0	86
45	PARASITOL	17	5	38	7	11	0	0	6	0	0	0	0	0	0	0	84
46	ORNITHOLOGY	82	0	2	0	0	0	0	0	0	0	0	0	0	0	0	84
47	CHEM, INOR	0	24	0	34	18	0	3	0	0	0	0	0	0	0	0	79
48	GASTRO	0	14	22	12	12	1	7	2	1	0	0	6	0	2	0	79
49	ENG, BIOM	3	0	61	4	7	2	0	0	0	0	0	0	0	0	0	77
50	PATHOL	11	1	55	1	2	3	2	1	0	0	1	0	0	0	0	77

No.	Subfield	Impact factor range (IF94)														TOTAL	
		AA	A	B	C	D	E	F	G	H	I	J	K	L	M		N
98	CLIN NEUROL	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	5
99	SPECTROSCOPY	0	0	4	0	0	1	0	0	0	0	0	0	0	0	0	5
100	PHYSICS	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
101	MATHS, MIS	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
102	GEOGRAPHY	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
103	MED, MIS	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
104	ENGINEERING	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
105	SPORT SCI	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
106	ERGONOMICS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
107	INFOR SCI	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
108	PHYS, ATOM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
109	REHABILITATION	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
110	STAT & PROB	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	Unknown*																15
		9295	5166	2337	1487	658	417	256	145	82	61	21	34	17	37	18	20046

AA - > 0.000

A - >0.0 - <=0.5

D - >1.5 - <=2.0

G - >3.0 - <=3.5

J - >4.5 - <=5.0

M - >7.0 - <=8.0

B - >0.5 - <=1.0

E - >2.0 - <=2.5

H - >3.5 - <=4.0

K - >5.0 - <=6.0

N - >8.0

C - >1.0 - <=1.5

F - >2.5 - <=3.0

I - >4.0 - <=4.5

L - >6.0 - <=7.0

* There were two papers in *Genus*, classified in Ulrich under Population studies, and three papers in *Journal of Taiwan Museum*, classified under Museum. These journals are clubbed with Unknown. There are six other journals for which I could not locate the subject classification from either *SCI Guide 1994* or Ulrich 1998. These are: *Apex* (Brussels), *Fontilles*, *Journal of the Lepidopterists' Society*, *Lindberglia*, *Memoires de Biospeologie*, and *Oebalia*.

Table 14: India's contribution to the world literature of life sciences categorised by major publishing institutions and journals used [Source : BIOSIS 1992-94]

Journal	Institution																				Tot
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S		
INDIAN VETERINARY JOURNAL	36	25	0	4	1	0	0	0	0	19	0	0	33	13	0	27	19	4	0	181	
INDIAN JOURNAL OF ANIMAL SCIENCES	46	35	4	1	1	0	0	0	0	8	0	0	69	0	0	6	2	2	0	174	
CROP RESEARCH	97	5	3	0	3	0	0	0	0	7	1	0	0	3	0	26	1	10	0	156	
JOURNAL OF MAHARASHTRA AGRICULTURAL UNIVERSITY	0	1	0	0	6	0	0	0	0	1	0	0	0	0	0	1	99	43	0	151	
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY	15	7	31	8	9	18	4	18	5	1	2	2	3	5	12	2	0	0	4	146	
INDIAN JOURNAL OF AGRONOMY	35	16	2	0	31	0	0	3	0	20	0	0	0	8	0	5	5	16	0	141	
JOURNAL OF THE INDIAN SOCIETY OF SOIL SCIENCE	31	33	0	0	13	0	0	10	0	21	0	0	0	8	1	6	6	2	0	131	
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY	5	20	0	0	6	1	0	0	0	6	42	0	9	13	2	1	6	2	0	113	
INDIAN JOURNAL OF AGRICULTURAL SCIENCES	13	21	4	0	20	0	0	0	0	21	0	0	0	5	0	13	6	5	0	108	
JOURNAL OF RESEARCH PUNJAB AGRICULTURAL UNIVERSITY	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	
ANNALS OF BIOLOGY (LUDHIANA)	67	17	0	0	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	88	
JOURNAL OF INSECT SCIENCE	25	50	1	0	3	0	0	0	0	4	2	1	0	0	1	0	0	0	0	87	
INDIAN JOURNAL OF NEMATOLOGY	13	6	1	0	43	0	0	0	0	0	0	8	0	2	0	0	0	0	0	73	
CROP IMPROVEMENT	6	46	2	0	0	0	0	0	0	11	0	0	0	1	0	0	0	0	0	66	
INDIAN JOURNAL OF PLANT PHYSIOLOGY	18	10	4	0	21	1	0	4	0	1	0	0	0	1	2	1	0	0	0	63	
JOURNAL OF ENTOMOLOGICAL RESEARCH	1	4	0	0	41	0	0	0	0	8	0	1	0	0	0	5	0	0	0	60	
INT J TROPICAL AGRICULTURE	45	2	0	0	3	0	0	1	0	2	0	0	0	0	0	0	0	0	0	53	
PUNJABRAO KRISHI VIDYAPEETH RES J	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	51	
ACTA BOTANICA INDICA	2	7	12	0	5	2	0	0	0	0	0	12	0	7	0	0	0	3	0	50	
INDIAN JOURNAL OF GENETICS & PLANT BREEDING	7	15	3	0	9	0	0	0	0	5	0	0	0	3	0	3	3	0	0	48	
CURRENT SCIENCE (BANGALORE)	1	1	5	0	6	13	0	3	11	0	2	0	2	0	3	0	0	0	0	47	
AGRICULTURAL SCIENCE DIGEST	26	3	0	0	3	0	0	0	0	3	0	0	0	2	0	2	0	8	0	47	
INDIAN JOURNAL OF ANIMAL NUTRITION	10	4	0	0	0	0	0	0	0	8	0	0	13	3	6	1	0	0	0	43	
INDIAN JOURNAL OF POULTRY SCIENCE	20	8	0	0	1	0	0	0	0	1	0	0	4	3	0	3	0	1	1	42	

Journal	Institution																			Total
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
INDIAN JOURNAL OF MEDICAL RESEARCH SECTION B	0	0	3	20	0	0	12	2	0	0	2	1	0	0	1	0	0	0	0	41
PHYTOCHEMISTRY (OXFORD)	3	2	4	0	0	7	0	7	0	1	1	2	0	0	2	2	0	0	5	36
PROCEEDINGS OF THE INDIAN NATIONAL SCIENCE ACADEMY PART B	5	3	2	0	14	7	0	0	0	1	0	1	0	2	1	0	0	0	0	36
INDIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY	0	0	4	15	0	2	8	0	0	2	0	2	0	0	0	1	0	0	0	34
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	0	2	6	0	1	3	0	2	0	2	2	0	1	6	1	0	0	0	8	34
INDIAN JOURNAL OF PEDIATRICS	0	0	1	26	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	33
INDIAN VETERINARY MEDICAL JOURNAL	8	5	0	0	2	0	0	0	0	1	0	1	8	1	0	6	0	0	0	32
JOURNAL OF HUMAN ECOLOGY	0	0	0	1	0	26	0	3	0	1	0	0	0	0	0	0	0	0	0	31
INDIAN JOURNAL OF MEDICAL RESEARCH SECTION A	0	0	1	7	1	1	10	2	0	0	0	1	0	0	1	0	0	0	2	26
INDIAN JOURNAL OF CHEMISTRY SECTION B ORGANIC CHEMISTRY	3	1	1	0	2	7	0	2	1	0	1	1	0	0	3	0	0	0	3	25
BIOCHEMISTRY INTERNATIONAL	0	0	3	2	0	10	6	2	4	0	1	7	4	1	0	0	0	0	0	40
INDIAN FORESTER	1	2	3	0	0	0	0	1	1	7	0	0	0	3	1	2	0	0	0	21
	539	447	100	84	246	98	45	60	22	162	57	41	146	90	37	113	147	146	23	2603

A - CCS Haryana Agricultural University
B - Punjab Agricultural University
C - Banaras Hindu University
D - All India Institute of Medical Sciences
E - Indian Agricultural Research Institute
F - University of Delhi
G - Postgraduate Institute of Medical
Education and Research, Chandigarh
H - University of Calcutta
I - Indian Institute of Science

J - H P Agricultural University
K - Central Food Technological Research Institute
L - Aligarh Muslim University
M - Indian Veterinary Research Institute
N - GB Pant University of Agriculture and Technology
O - Bhabha Atomic Research Centre
P - Bidhan Chandra Agricultural University
Q - Marathwada Agricultural University
R - Punjabrao Krishi Vidyapeeth
S - National Chemical Laboratory

Table15: Distribution of papers from selected institutions by subfield
 [Source: *BIOSIS* 1992-94]

Subfield	Institution												SUB TOTAL
	A	B	C	D	E	F	G	H	I	J	K	L	
AGRICUL	271	239	16	0	100	5	0	7	0	75	15	0	728
PLANT SCI	61	63	52	0	69	76	0	48	7	25	5	10	416
BIOLOGY	91	33	64	10	27	29	5	29	18	10	2	36	354
VET SCI	61	60	0	4	2	0	0	2	0	23	0	6	158
AGRI,DAIRY	57	59	6	1	1	0	0	0	0	18	0	0	142
PHARMACOL	13	0	19	21	0	11	31	12	2	2	0	47	158
BIOCHEM	3	1	9	13	0	36	13	12	69	0	11	2	169
AGRI, SOIL	53	59	8	0	17	1	0	10	0	24	0	0	172
FOOD SCI	44	29	2	2	7	3	0	0	0	7	103	0	197
ZOOLOGY	14	18	12	0	47	3	1	28	2	2	0	4	131
ENTOMOLOGY	31	59	5	0	43	2	0	7	3	14	1	0	165
ENV SCI	3	7	26	0	2	10	0	6	2	0	2	4	62
MICROBIOL	2	5	24	4	5	15	16	7	5	1	15	2	101
MED, GEN	0	1	5	20	0	2	41	3	0	0	0	3	75
MULTIDIS SCI	2	1	6	0	6	14	0	6	23	0	2	5	65
TROP MED	0	0	3	7	0	2	12	1	1	0	1	12	39
BIOTECH	0	2	10	0	1	8	0	3	4	2	16	4	50
GENETICS	3	4	14	3	7	17	0	7	5	2	0	2	64
MED, RES	1	1	7	21	0	0	13	7	0	0	2	1	53
ONCOL	0	0	4	9	0	6	5	1	1	0	0	0	26
ECOLOGY	0	2	10	1	0	28	0	5	2	1	0	0	49
CELL BIOL	1	1	11	3	0	2	12	15	1	1	0	6	53
BIOPHYS	0	2	4	6	1	12	2	2	24	0	6	4	63
IMMUNOL	4	2	10	7	0	3	11	0	5	0	0	2	44
NEUROSCI	0	0	5	19	0	4	9	0	0	0	0	3	40
CARDIOVASC	0	0	2	35	0	4	6	0	0	0	0	0	47
	715	648	334	186	335	293	177	218	174	207	181	153	3621

Subfield	Institution												TOTAL
	M	N	O	P	Q	R	S	T	U	V	W	X	
AGRICUL	4	7	29	7	53	113	135	0	1	1	0	5	1083
PLANT SCI	36	2	23	18	16	7	5	10	11	2	0	13	559
BIOLOGY	6	3	8	18	6	0	0	4	13	8	6	18	444
VET SCI	2	62	23	0	41	19	5	0	0	3	0	0	313
AGRI, DAIRY	1	95	9	0	20	6	3	0	0	1	0	3	280
PHARMACOL	8	2	0	0	2	0	0	1	4	5	0	12	192
BIOCHEM	16	4	1	10	1	0	0	20	40	15	29	26	331
AGRI, SOIL	1	0	20	3	14	6	2	0	0	0	0	4	222
FOOD SCI	2	12	19	9	3	9	2	2	0	0	0	1	256
ZOOLOGY	37	1	3	0	1	0	0	2	1	0	0	0	176
ENTOMOLOGY	11	0	0	6	7	1	0	1	0	0	0	1	192
ENV SCI	5	3	1	10	2	0	0	0	0	0	0	7	90
MICROBIOL	2	3	3	6	2	0	0	10	13	2	11	3	156
MED, GEN	5	0	0	1	0	0	0	2	0	3	0	2	88
MULTIDIS SCI	0	2	0	4	0	0	0	2	1	1	9	6	90
TROP MED	2	1	0	1	0	0	0	3	1	2	0	3	52
BIOTECH	0	1	8	8	0	0	0	37	2	3	0	4	113
GENETICS	3	0	0	3	3	0	1	1	2	8	4	2	91
MED, RES	3	0	0	1	0	0	0	0	0	0	0	2	59
ONCOL	2	0	0	2	0	0	0	0	0	0	2	1	33
ECOLOGY	3	0	0	0	0	0	0	1	0	0	1	0	54
CELL BIOL	1	0	0	1	3	1	0	0	0	3	4	4	70
BIOPHYS	1	2	1	4	0	0	0	2	3	5	15	6	102
IMMUNOL	3	6	0	0	0	0	0	0	9	26	0	0	88
NEUROSCI	0	0	0	1	0	0	0	0	6	0	0	1	48
CARDIOVASC	0	0	12	0	0	0	0	0	0	0	0	0	59
	154	206	160	113	174	162	153	98	107	88	81	124	5241

A - CCS HARYANA AGRIC UNIVERSITY
B - PUNJAB AGRIC UNIVERSITY
C - BANARAS HINDU UNIVERSITY
D - ALL INDIA INST MED SCIENCE
E - INDIAN AGRIC RESEARCH INST
F - UNIVERSITY OF DELHI
G - P G INST MED EDUCATION RESEARCH
H - UNIVERSITY OF CALCUTTA
I - INDIAN INSTITUTE OF SCIENCE
J - HIMACHAL PRADESH KRISHI VISHWA VIDYALAYA
K - CENTRAL FOOD TECHNOLOGICAL RESEARCH INST
L - CENTRAL DRUG RESEARCH INST

M - ALIGARH MUSLIM UNIVERSITY
N - INDIAN VETERINARY RESEARCH INSTTUTE
O - GB PANT UNIVERSITY OF AGRIC AND TECHNOL
P - BHABHA ATOMIC RESEARCH CENTRE
Q - BIDHAN CHANDRA KRISHI VISHWAVIDYALAYA
R - MARATHWADA AGRIC UNIVERSITY
S - PUNJABRAO KRISHI VIDYAPEETH
T - NATIONAL CHEMICAL LABORATORY
U - INDIAN INSTITUTE OF CHEMICAL BIOLOGY
V - NATIONAL INSTITUTE OF IMMUNOLOGY
W - CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY
X - UNIVERSITY OF MADRAS

Figures

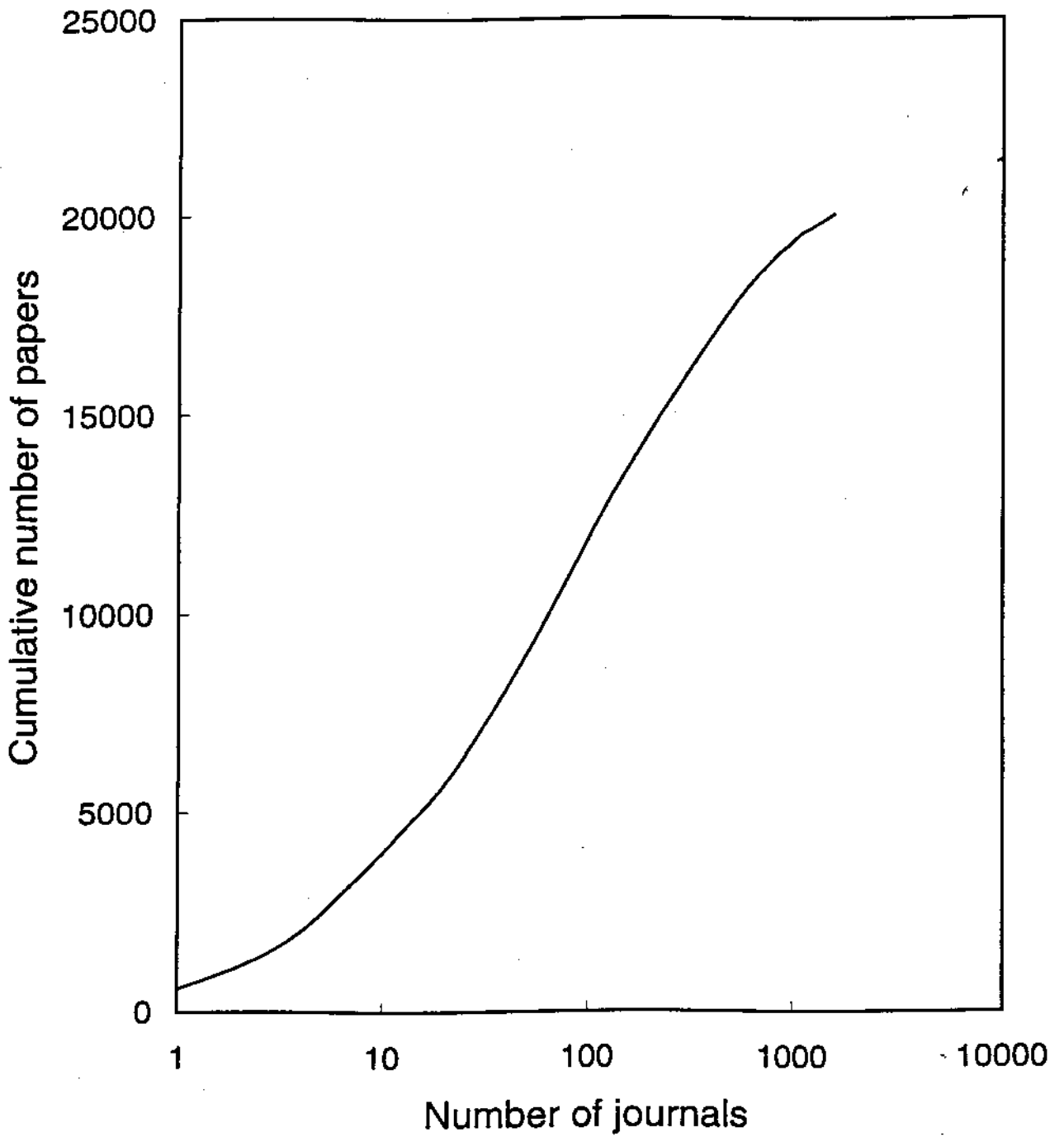


Fig 1 : Number of journals vs. cumulative number of Indian papers

[Source : *BIOSIS* 1992-1994]

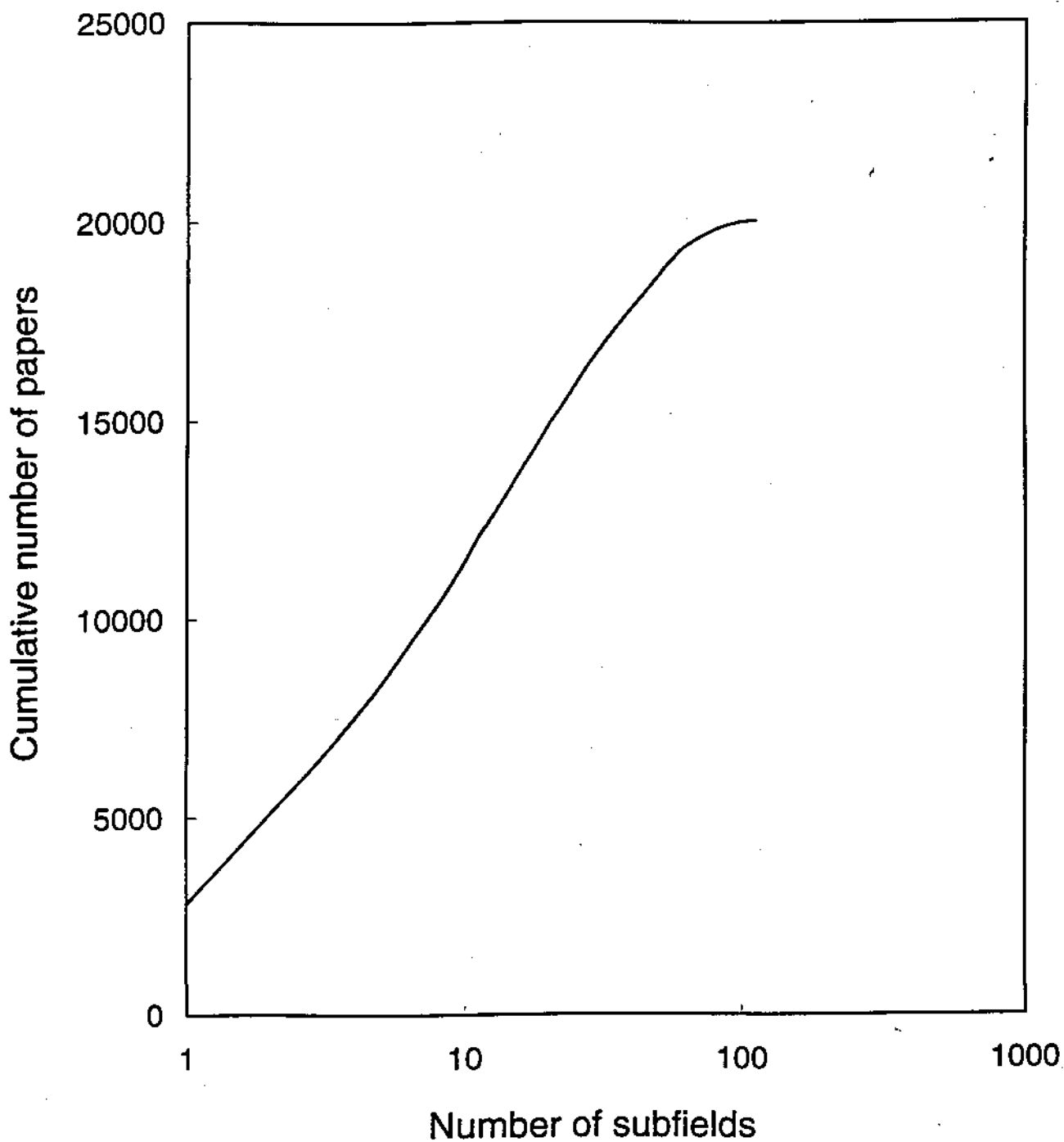


Fig. 2: Distribution of Indian papers over subfields
[Source : *BIOSIS* 1992-1994]

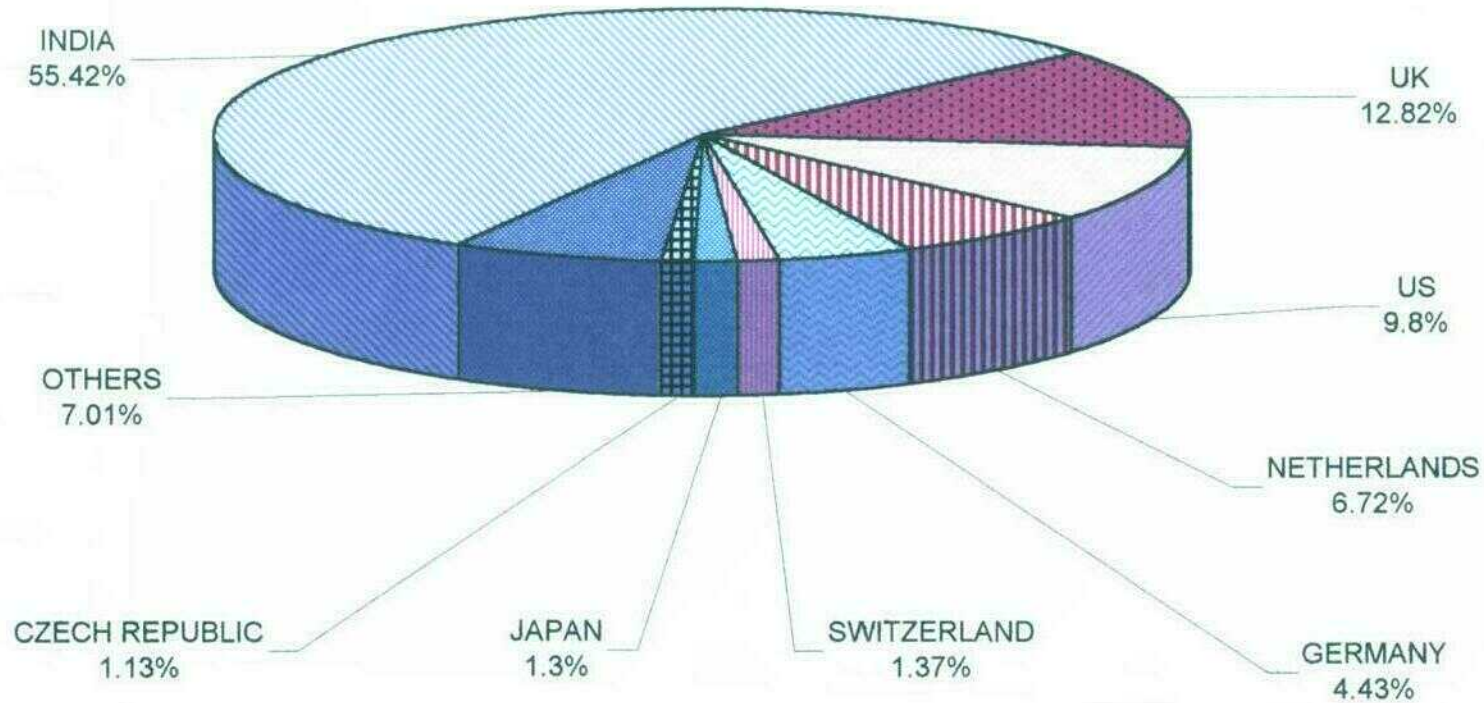


Figure 3 - Distribution of Indian research papers indexed in BIOSIS 1992-1994 by journal country

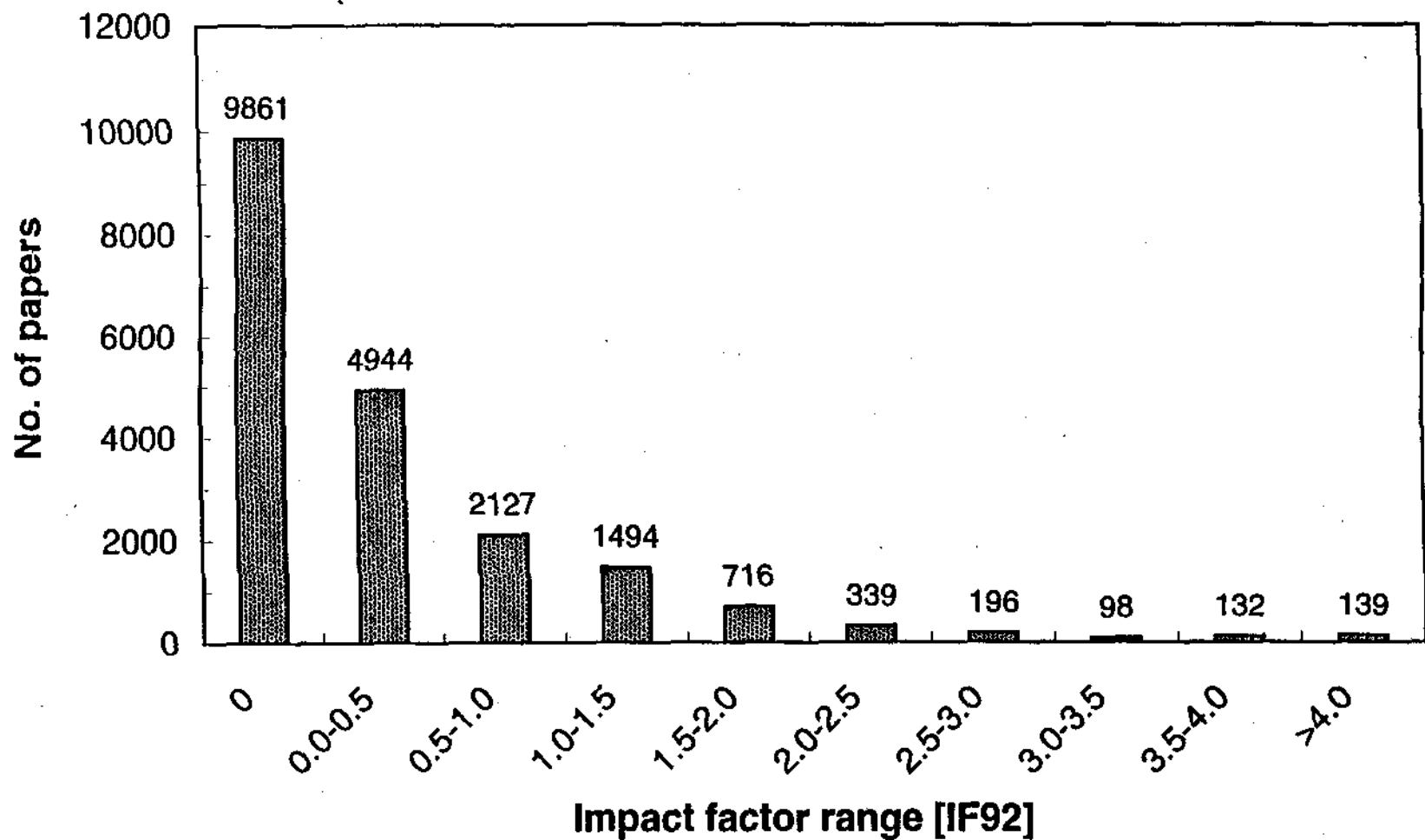


Figure 4 - Numbers of papers published in journals of different impact factor (IF92) ranges

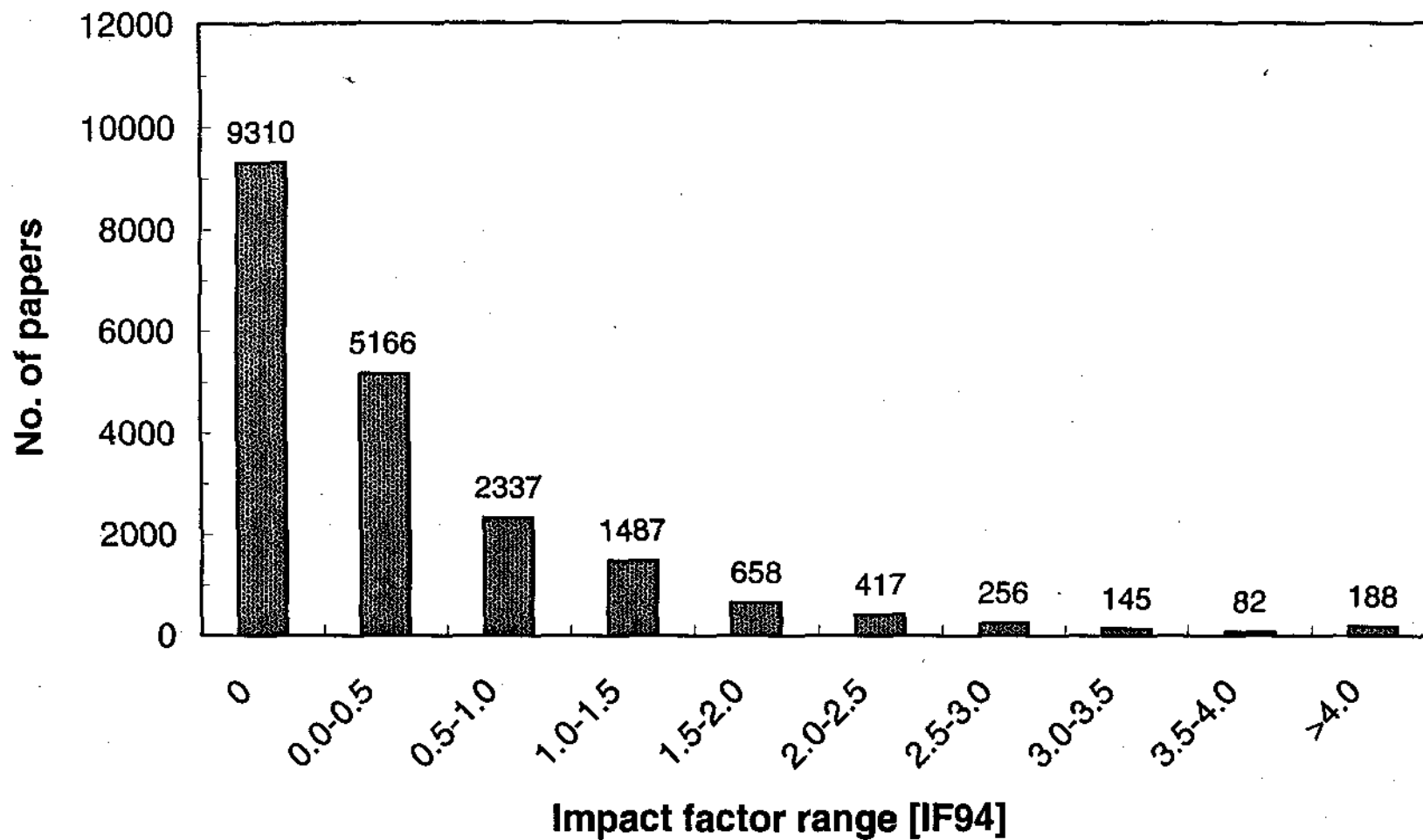


Figure 5 - Numbers of papers published in journals of different impact factor (IF94) ranges

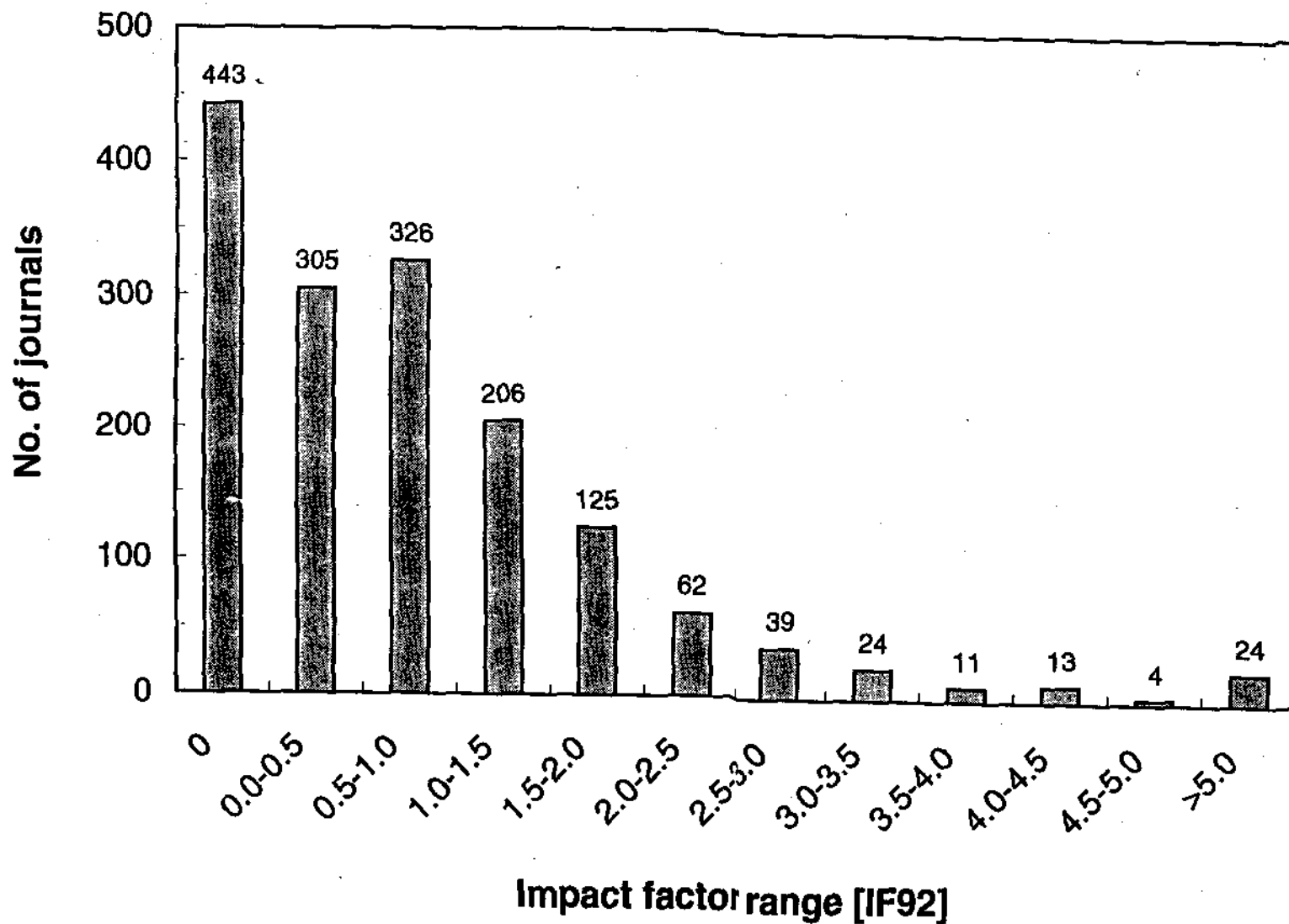


Figure 6 - Extent of use of journals of different impact factor (IF92) ranges by Indian biologists

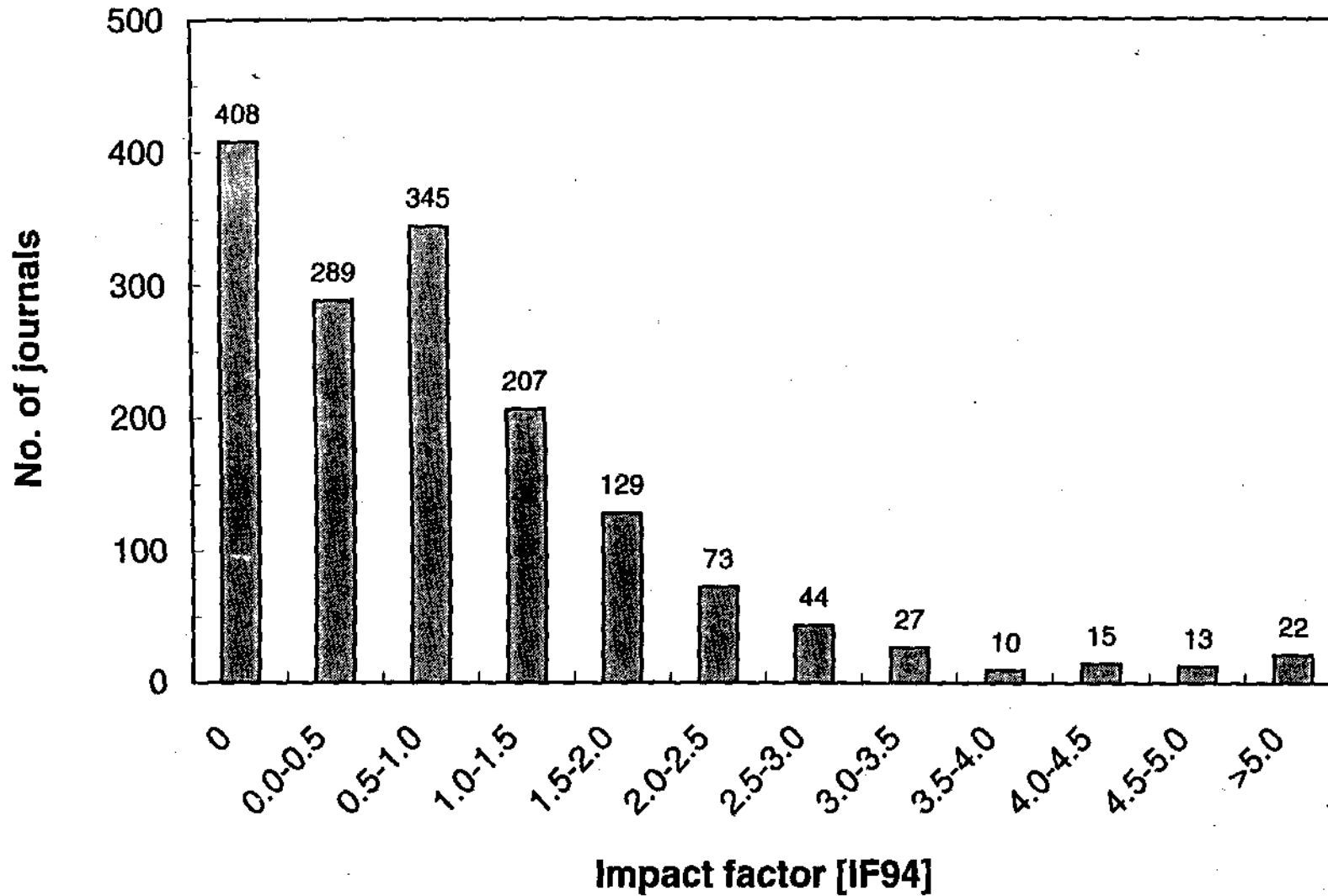


Figure 7 - Extent of use of journals of different impact factor (IF94) ranges by Indian biologists

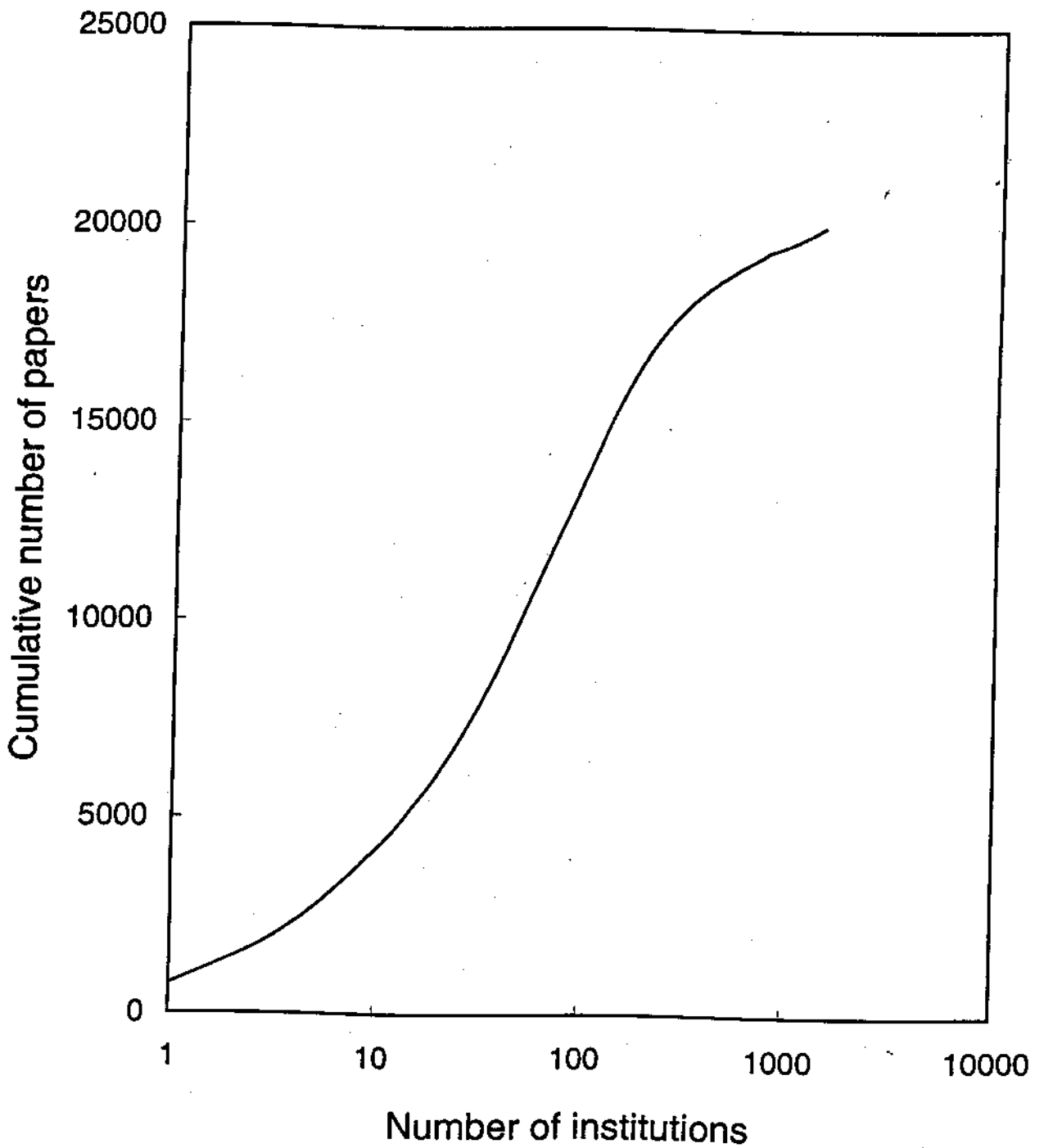


Fig 8 : Number of institutions vs. cumulative number of Indian papers
[Source : *BIOSIS* 1992-1994]

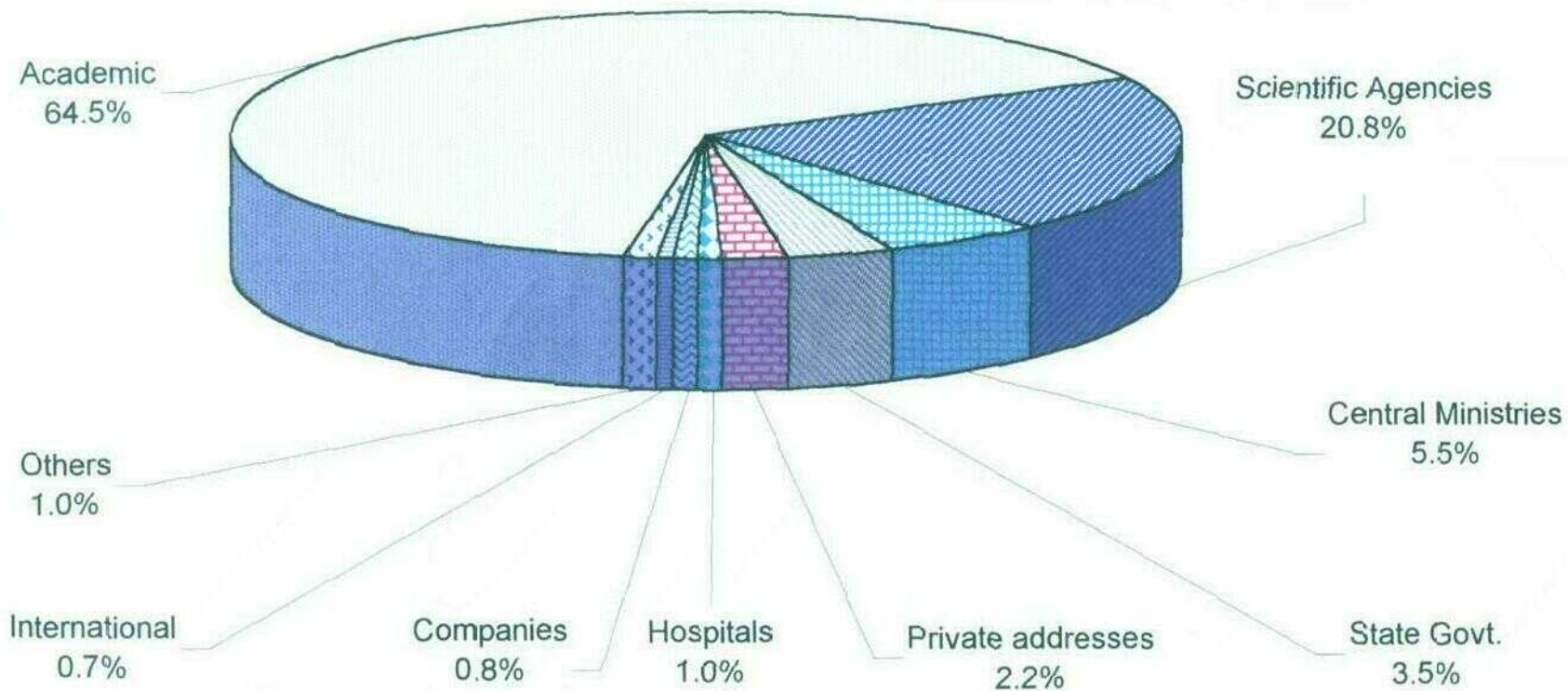


Figure 9 - Contributions made by different types of organisations as seen from BIOSIS 1992-1994

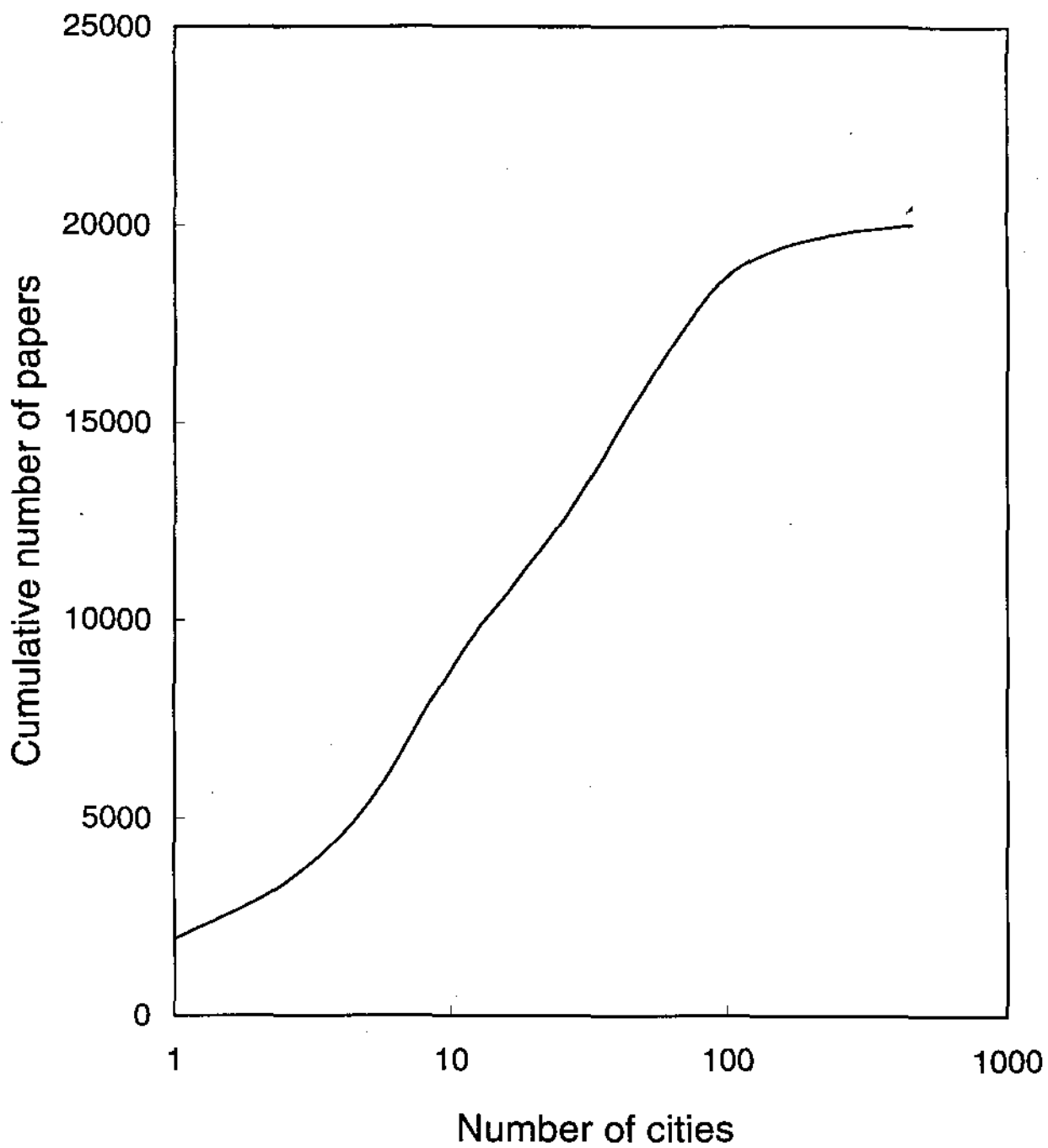


Fig 10 : Number of cities vs. cumulative number of Indian papers
[Source : *BIOSIS* 1992-1994]