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Science Citation Index®

JOURNAL CITATION REPORTS®

A Bibliometric Analysis of Science Journals in the ISI® Database

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Institute for Scientific Information, Inc.®

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Introduction

This introduction describes the nature and purpose of the *SCI® Journal Citation Reports® (JCR®)*. Following the introduction there are a set of definitions, instructions on the use of each section, and a list of journal title abbreviations.

Evaluating Journals

ISI's *Science Citation Index® (SCI)*, *Social Sciences Citation Index® (SSCI)*, and *Arts & Humanities Citation Index® (A&HCI)* databases are stored on magnetic tape, and are thus amenable to extensive manipulation and analysis. Using citation analysis, the *JCR* shows the relationships among journals and the frequency with which individual journals are cited over a chosen time period. Though citation counts are strictly quantitative, they often correlate well with professional standing. Nevertheless, citations are not the only measure of performance, nor one that should be used in isolation. The *JCR* is a tool for journal evaluation, and is not itself an evaluation of journals.

It has always been and still remains difficult to assess the relative importance of scientific and technical journals. There are very few objective criteria by which to measure them. The *JCR* answers these basic questions: How often has a journal been cited? What journals have cited it? How frequently have specific journals cited it? Does the cited material in the case of a specific journal come primarily from older articles, newer articles, or does the citation pattern show a chronological consistency? What journals has the journal itself cited? How often has it cited each of them? Is it citing old material, new material? What part of these counts is due to self-citation? In other words: who uses a particular journal? how frequently? and for what purposes?

Citation frequency is sometimes a function of variables other than scientific merit. Some such variables may be journal reputation, controversy, cost and circulation, reprint dissemination, coverage by current-awareness or indexing and abstracting services, society memberships, the availability and extent of library serials collections, and national research priorities. The fact remains, however, that citation analysis provides a useful, objective criterion.

Compiling Journal Data

Although the *SCI JCR* provides citation data about science journals, it is compiled from the *SSCI* and the *A&HCI* databases as well as the *SCI* database. The use of the combined databases eliminates the often shadowy boundaries between the sciences and social sciences.

The annual *JCR* is based on approximately 12 million citations from the references of over 1,000,000 articles published in the current issues of about 6,000 journals processed by ISI.

We have made a reasonable effort to include in this analysis a full year's issues of journals covered by the *SCI/SSCI/A&HCI* database. However, it is necessary that all material in this analysis be processed by mid-February each year.

It is important to understand the way that the citations in the *JCR* have been compiled. The *JCR* represents only one of several possible descriptions of journal

relationships. For example, an article may make 40 references. This set of 40 references might mention only 35 unique articles. The 35 different cited articles appeared in 10 different journals. In other words, the 40 references cited some articles—at the most 5—more than once, and cited each of the ten different journals an average of 4 times. However, in compiling the JCR®, it is the different article-to-article links that are counted. Therefore, when the 35 unique citations are distributed among the cited journals, the 10 journals receive an average of 3.5 citations.

The Ever-Changing River of Journals

Like a river, the flow of scientific and technical publication is ever-changing. Journals appear and disappear; journals grow and split into sections (lettered, numbered, or subtitled); journals transform into new journals; journals merge with other journals under either old or new titles; titles change to reflect a reorientation—a few words are added, some dropped, or the language of the title itself may change.

This characteristic inconstancy of scientific publication is seriously problematic for an effort like the JCR that seeks to describe journal relationships over periods of time. There is the additional problem of incorrect or ambiguous citations. As confusing and time-consuming as miscites are, they remain of relatively minor significance within the total complex framework. However, the user is advised in any detailed chronological study to consult directories of periodicals, such as *Ulrich's* or *CASSI*, to verify journal title history.

We have, in compiling the JCR, refrained from combining journal counts on the basis of 'lineage', except where a title change has been so minor that it neither affects the title's position in a catalog listing nor requires additional entries. In general, the JCR does not combine counts for related journals (replacements, supersedents, continuations, descendants, etc.). Nor does it combine counts for 'sections' of 'the same journal'. JCR leaves it to the user to decide whether or not one's purpose recommends that counts be combined in such cases.

A related problem is posed by journals which are published in cover-to-cover translations as well as in the original language. The original publication and its translation are essentially different presentations of the same journal, so we combine counts of citations to the two versions. Whenever this combination of counts occurs, the journal title abbreviation is tagged with a plus sign (+).

Caution

Caution is advisable when comparing journals, especially journals from different disciplines. For example, it would be foolish to conclude merely on the basis of citation counts that the *Journal of the American Chemical Society* is a 'better' journal than *Annals of Mathematics*, or to hypothesize, without a great deal of study, which serves its own field 'better'. To enable the JCR user to analyze more carefully these data within subject groupings, a breakdown of journals by subject categories with impact factors and cited half-life indicators is provided in the *Subject Category Listing*.

Other factors must be considered as well. For example, journals that do not use the Roman alphabet are not as accessible to many researchers. This fact may affect the citation counts and ranking of some Chinese and Japanese journals. Or a journal may have published two or three articles that are cited with extraordinary frequency. Citations of such papers may distort evaluation of the journal.

Components of the SCI® JCR®

The SCI JCR is made up of six data listings. The six listings are: I. *Journal Rankings*; II. *Source Data Listing*; III. *Journal Half-Life Listing*; IV. *Subject Category Listing*; V. *Citing Journal Listing*; and VI. *Cited Journal Listing*.

The *Journal Rankings* list the science journals that were processed as source journals for the SCI and *Current Contents*® in six sections. The first section gives the journal in alphabetic order. The next five sections rank the journals by five different indicators: total citations, impact factor, immediacy index, source items published in the current year, and citations to the two previous years' articles. The purpose of these rankings is to provide citation data for individual journals and to determine overall rank.

The *Source Data Listing* gives both the number of articles published by each SCI source journal and the total number of references that those articles contained. The listing includes a breakdown for review and non-review articles. The purpose of this listing is to show the citation activity generated by individual journals or particular fields in order to provide a context for the data in other listings on citations received.

The *Journal Half-Life Listing* shows the chronological distribution of journal usage in three sections. The first section cumulates the percentage of current citations given by SCI source journals to articles published each year for ten years. The second section cumulates the percentage of current citations received by the science journals each year for ten years. The third section ranks the journals by cited half-life (see **Definitions**). The purpose of the *Journal Half-life Listing* is to provide information on the currency or longevity of journals. Serials librarians especially will find the data useful for acquisition, deselection, and archiving decisions.

The *Subject Category Listing* contains two sections. The first section groups journal titles by subject categories. Within each category the journals are ranked by impact factor. The purpose of this section is to show a journal's standing within its field. The second section is an alphabetic list of journals with a cross-reference to their subject categories.

The *Citing Journal Listing* links each SCI source journal with the journals it cited and the chronological distribution of items cited. This listing, along with the *Cited Journal Listing*, provides the detail for a more thorough journal citation analysis. The subject area of cited journals reveals a journal's orientation in its field. This can be helpful to authors deciding where to publish. Changes over time of the kinds of journals being cited can help publishers and editors target editorial objectives. Also, the figures needed to calculate self-citing rates are contained in this section.

The *Cited Journal Listing* links the science journals cited in the SCI/SSCI®/A&HCI® database with the journals that cite them and the chronological distribution of cited items. This listing is similar to the *Citing Journal Listing*. A different perspective on a journal's orientation in its field is revealed and the figures needed to calculate self-cited rates are contained in this section.

Definitions

In some cases, these definitions explain usages peculiar to the *SCI*® and the *JCR*®. In other instances, the definitions of seemingly obvious terms, (e.g., cited journal, citing journal, times cited), show the reader that there is more than initially meets the eye.

- Citation** When one document (A) mentions or refers to another document (B), the latter has been cited by the former as a source of information, as support for a point of view, as authority for a statement of fact, etc. The term 'citation' is used to indicate not only the fact that document B has been cited in a reference of document A, but also the description of document B contained in the reference (Lederberg J. J. *Bact.* 63:399, 1952). In this sense, citation and reference are frequently used interchangeably.
- Citation Index** The *Citation Index* is an alphabetic list, by first author, of items cited in references from footnotes or bibliographies of a source article. Each such citation is followed by a short bibliographic description of the source article which contained the cited reference.
- Cited Half-Life** The number of journal publication years going back from the current year which account for 50% of the total citations received by the cited journal in the current year.
- Cited Journal** A science journal cited by any journal in the *SCI/SSCI*®/*A&HCI*® database. A cited journal is not necessarily a source journal covered by *SCI*, *SSCI* or *A&HCI*. The *Cited Journal Listing* may also include as cited 'journals' non-journal serial publications.
- Citing Half-Life** The number of journal publication years going back from the current year which account for 50% of the total citations given by the citing journal in the current year.
- Citing Journal** In the *Citing Journal Listing*, coverage is limited to science journals covered by the *SCI*. In the *Cited Journal Listing* a citing journal is any source journal from the combined *SCI/SSCI/A&HCI* database.
- Immediacy Index** A measure of how quickly the 'average article' in a specific journal is cited. A journal's immediacy index considers citations made during the year in which the cited items were published. Thus, the immediacy index of Journal X would be calculated by dividing the number of all current citations of current source items published in Journal X by the total number of articles Journal X published that year. An article published early in the year has a better chance of being cited than one published later in the year. As a result, journals published weekly would theoretically have an advantage over journals published semi-annually.
- Impact Factor** A measure of the frequency with which the 'average article' in a journal has been cited in a particular year. The *JCR* impact factor is basically a ratio between citations and recent citable items published. Thus, the impact factor of Journal X would be calculated by dividing the number of all current citations of source items published in Journal X during the previous two years by the number of articles Journal X published in those two years. There are other ways of calculating journal impact (see Garfield E. *Citation analysis as a tool in journal evaluation*, *Science* 178:471-79, 1972).

The impact factor is useful in understanding the significance of absolute citation frequencies. It tends to discount the advantage of large journals over small ones, of frequently issued journals over less frequently issued ones, and of older journals over newer ones. In each such case the first is likely to produce or have produced a larger citable body of literature than the second. All things being equal, the larger that body, the more often a journal will be cited. By providing some qualification of the quantitative data in the *JCR*®, the impact factor is an important tool for journal evaluation.

Journal Title

In the *JCR*, periodical titles are usually abbreviated. The *JCR* abbreviations exclude subtitles and title run-ons. In alphabetic listing of journals, abbreviations are alphabetized letter by letter, with a space regarded as a 'letter' preceding A and a hyphen as a 'letter' preceding A but following a space. For example, J ZOOL will precede JPN HEART J and MED SCI LAW will precede MED-RIV ENC MED ITAL, while X-RAY SPECTROM will precede XENOBIOTICA. A list of journal title abbreviations begins on page 17.

Reference

The mention or description of one document (A) in another document (B), to indicate a source of information, to provide support for a point of view, to lend authority to some statement of fact, etc. Document B is said to make reference to document A; document A is said to be cited by document B. Reference is also used for the document description or bibliographic data given in making the reference (Lederberg J. J. *Bact.* 63:399, 1952). References are given in footnotes and in bibliographic listings at the end of an article. From such references are extracted the citations which become main-entries in the *Citation Index*.

Self-Citation

Self-citation of journals occurs when an article in a journal cites another article previously or simultaneously published in the same journal. Self-citations make up about 20% of a journal's references.

Self-Citation Rate

Self-citations expressed as a percentage of all citations. There are two self-citation rates, the self-citing and the self-cited rates. The self-citing rate relates a journal's self-citations to the total references it makes. For example, journal X made references to 10,000 items, including 2,000 of its own articles, its self-citing rate is 2/10 or 20%. The self-cited rate relates a journal's self-citations to the number of times it is cited by all journals including itself. For example, journal X was cited 15,000 times by all journals, including 2,000 times it cited itself. Its self-cited rate is 2/15 or 13.3%. A journal's self-citation rate may indicate several things about its field: a high self-citation rate may mean that the field is small or isolated. Multidisciplinary journals tend to have low self-citation rates.

Source Index

The *Source Index* of the *SCI*®, *SSCI*® or *A&HCI*® gives a complete bibliographic description of all source items processed for the *SCI*, *SSCI* or *A&HCI* during a year. Items are arranged alphabetically by name of first author; co-authors are cross-referenced to first authors.

Source Item

A source item is an item published in one of the source journals processed for the *SCI*, the *SSCI* or the *A&HCI*. In the *JCR*, only original articles, technical notes and review articles are counted as source items.

Source Journal

This is a journal that is processed for the *SCI*, *SSCI* or *A&HCI*, so called because it is the source of published items processed for compilation of the four sections of the *SCI*, *SSCI* or *A&HCI*. In the *JCR* a source journal is a citing journal.

Times Cited

The *JCR* describes relationships between journals. It is, however, based on citation links between articles. The following explanations of 'times cited' may

be unnecessary for most users. However, they are given in some detail in the interest of whatever the user may require.

Times Cited: Articles As elsewhere in these definitions, the term 'articles' is used broadly for journal items, and includes technical communications, letters to the editor, editorials, etc. An article cited three times in the references of the same SCI® source item is counted as having been cited by that source item once. Thus, 'times cited' in the case of articles is the cumulative number of times the article has been cited once or more by all source items.

Times Cited: Authors In the case of authors, 'times cited' is the sum of the citations of their cited items, as described above, including journal articles, books, etc.

Times Cited: Journals. In the case of journals, 'times cited' is a cumulation of the number of times a specific journal has been named in the different articles referenced by the source items processed for the SCI/SSCI®/A&HCI® database.

+ (plus sign). Appears following some abbreviated journal titles to indicate that citation counts for cover-to-cover translations and original language versions of the journal have been combined.

• (small bullet). This small bullet appears only in the *Journal Rankings*. It indicates that complete source data were not available for a particular journal before the final JCR® processing deadline.

SCI JOURNAL CITATION REPORTS
JOURNALS BY CATEGORY - RANKED BY IMPACT FACTOR

RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE
ACOUSTICS				(CONTINUED) AGRICULTURE				ALLERGY			
1	HEARING RES	1.474	4.2	48	BIOLOG WASTE	0.207		1	J ALLERGY CLIN IMMUN	3.560	5.3
2	IEEE T ACoust SPEECH	1.358	> 10.0	49	ENERG AGR	0.200		2	FREE RADICAL BIO MED	3.052	5.1
3	J ACoust SOC AM	1.304		50	JPN J BREED	0.196	6.4	3	PROG ALLERGY	3.000	5.0
4	ALLERGY PROC	1.200		51	MAYDICA	0.196		4	CLIN ALLERGY	2.063	4.8
5	ULTRASOUND MED BIOL	1.045	4.9	52	CEREAL RES COMMUN	0.193	7.2	5	INT ARCH ALLER A IMM	1.395	4.6
6	IEEE T ULTRASON FERR	1.040		53	CROP RES	0.192		6	ALLERGY	1.018	4.5
7	J ULTRAS MED	0.950	4.0	54	SEED SCI TECHNOL	0.180	7.5	7	ANMI ALLERGY	1.018	4.5
8	J CLIN ULTRASOUND	0.889	4.0	55	J AGRON CROP SCI	0.163		8	CONTACT DERMATITIS	0.857	4.4
9	ULTRASONICS	0.887	4.0	56	AGRONOMIE	0.162	5.4	9	IMMUNOL ALLERGY CLIN	0.676	4.3
10	ULTRASONIC IMAGING	0.865	4.0	57	TROP PEST MANAGE	0.152		10	CLIN REV ALLERGY	0.596	4.2
11	AUDIOLOGY	0.812	7.1	58	J FAC AGR KYUSHU U	0.154		11	MONOGR ALLERGY	0.570	4.1
12	J SOUND VIB	0.539	7.8	59	REV AGROQUIM TECNOL	0.132		12	IMMUN INFECT	0.565	4.0
13	J AUDIO ENG SOC	0.271		60	LANDBAUFORSCH VOLK	0.120	> 10.0	13	ASIAN PAC J ALLERGY	0.244	3.9
14	ULTRASCHALL MED	0.496		61	BEFORE D	0.118		14	FW ENGL REG ALLERGY	0.235	3.8
15	WAVE MOTION	0.431	4.0	62	AGROFORST SYST	0.115		15	V FR ALLERGOL	0.231	3.8
16	SOV PHYS ACoust	0.283	7.6	63	TROP GRASSLANDS	0.115	> 10.0	16	J ASTHMA	0.222	3.8
17	ACUSTICA	0.269	> 10.0	64	TROP AGR	0.113		17	ALLERGOLOGIE	0.201	3.7
18	APPL ACoust	0.123		65	FRUIT VARIETIES J	0.108		18	ALLERGOL IMMUNOPATH	0.098	3.6
19	NOISE CONTROL ENG	0.000		66	BIOLOG AGRIC HORTIC	0.103					
AEROSPACE ENGINEERING & TECHNOLOGY				67	J AGR SCI FINLAND	0.103		ANATOMY & MORPHOLOGY			
1	IEEE T AERO ELEC SYS	0.454	8.1	68	AGR WATER MANAGE	0.103	6.1	1	DEVELOPMNT	4.224	1.9
2	AIAA J	0.431	9.9	69	AM BEE J	0.102	7.3	2	VIRCHOW ARCH A	2.047	7.2
3	J GUID CONTROL DYNAM	0.386	5.0	70	J AUST J AGR SCI	0.095	> 10.0	3	ANAT REC	1.466	> 10.0
4	J ASTRONAUT SCI	0.313		71	CATECACAO THE	0.093		4	ANAT EMBRYOL	1.264	5.8
5	J SPACECRAFT ROCKETS	0.199	7.1	72	IRISH J AGR RES	0.091	> 10.0	5	AM J ANAT	1.338	> 10.0
6	VERTICA	0.150		73	NIPPON JOGIEIK KAISHI	0.091	> 10.0	6	J MORPHOL	1.211	> 10.0
7	J PROPLA	0.091		74	OLEAGINEUX	0.084	> 10.0	7	J ANAT	0.992	> 10.0
8	SPACE COIN	0.089		75	AGR ENG	0.073		8	ZOOLOGY	0.849	6.6
9	RECH AEROSPATIALE	0.079		76	S AFR J ANIM SCI	0.067		9	ADV ANAT EMBRYOL CEL	0.611	9.6
10	ESA J-EUR SPACE AGEN	0.078		77	AGRON TROP	0.063		10	ANAT ANAT	0.509	> 10.0
11	J AIRCRAFT	0.073	9.5	78	FARM BUILD PROGR	0.063		11	Z MIKROSK ANAT FORSC	0.240	> 10.0
12	J JPN SOC AERONAUT S	0.071		79	ARAB GULF J SCI RES	0.056		12	ANAT ANZEIGER	0.223	> 10.0
13	ESA BULL-EUR SPACE	0.059		80	INT SUGAR J	0.053		13	ACTA MORPHOL NEER SC	0.185	> 10.0
14	AEROSPACE AM	0.058		81	ANN AGR FENN	0.052		14	SURG HADROL ANAT	0.076	
15	INT J SATELL COMMUN	0.056		82	J AGR L PUERTO RICO	0.048		15	ANAT HISTOL EMBRYOL	0.041	
16	Z FLUGWISS WELTRAUM	0.048		83	JARO-JPN AGR RES O	0.046					
17	AERONAUT J	0.041		84	SPAN	0.038		ANDROLOGY			
18	ACTA ASTRONAUT	0.039	> 10.0	85	ANN APPL NEMATOL	0.036		1	INT J ANDROL	1.683	5.4
19	SPACE TECHNOL	0.011		86	SOIL CROP SCI SOC FL	0.033		2	ANDROL	1.247	4.6
20	COMSAT TECH REV	0.000		87	BER LANDWIRTSCH	0.033		3	ARCH ANDROLOGY	0.199	6.3
21	SPACE POWER	0.000		88	BODENKULTUR	0.033		4	ANDROLOGIA	0.112	6.3
AGRICULTURAL ECONOMICS & POLICY				89	JPN J CROP SCI	0.032		ANESTHESIOLOGY			
1	AM J AGR ECON	0.349	7.1	90	REV AGR-BRUSSEL	0.028		1	ANESTHESIOLOGY	3.291	5.9
2	J AGR ECON	0.197	6.1	91	TURK ALBA	0.027		2	ANESTH ANALG CURR RE	2.189	5.7
3	J AGR ECON RES	0.153		92	ARCHIMICA	0.026		3	BRIT J ANAESTH	1.695	6.8
4	FOOD POLICY	0.122		93	APPROPRIATE TECH	0.026		4	ANESTHESIA	1.621	6.0
5	CAN J AGR ECON	0.107		94	INDIAN J AGR SCI	0.018	> 10.0	5	CAN J ANAESTH	0.982	6.6
6	J AGR ECON RES	0.087		95	AGR RES	0.011		6	ACTA ANAESTH SCAND	0.881	6.8
7	J AGR ADMIN EXT	0.052		96	CUBAN J AGR SCI	0.010		7	RESUSCITATION	0.553	5.1
8	BER LANDWIRTSCH	0.033		97	ROST VYROBA	0.003		8	INT ANESTHESIOLOG CLIN	0.536	5.4
AGRICULTURAL EXPERIMENT STATION REPORTS				98	ANN ARID ZONE	0.000		9	ANESTHESIOLOG INTENS CARE	0.506	5.8
1	ARKANSAS FARM RES	0.043		99	INDIAN J AGRON	0.000		10	ANESTHESIOLOG	0.473	5.8
2	AGROBIOREAL	0.000		100	J AGR ASSOC CHINA	0.000		11	EUR J ANAESTH	0.456	5.6
3	LA AGR	0.000		101	NOVNYTERMLLES	0.000		12	ANASTH INTENSIVMED	0.095	5.3
AGRICULTURE				102	TROPENLANDWIRT	0.000		13	SEMIN ANESTH	0.080	
1	J AGR FOOD CHEM	1.201	9.2	AGRICULTURE, DAIRY & ANIMAL SCIENCE				14	ANESTHESIOLOG CLIN N A	0.060	
2	MILGARDIA	1.063	> 10.0	1	J ANIM SCI	1.366	8.7	15	AM J ACUPUNCTURE	0.027	
3	PESTIC SCI	1.016	> 10.0	2	J DAIRY SCI	1.254	8.2	ASTRONAUTICS			
4	ADV AGRON	1.000	> 10.0	3	J DAIRY RES	1.190	> 10.0	SEE AEROSPACE ENGINEERING & TECHNOLOGY			
5	AGR BIOL CHEM TOKYO	0.858	> 10.0	4	ANIM PROD	0.970	7.2	ASTRONOMY & ASTROPHYSICS			
6	J ECON ENTOMOL	0.738	> 10.0	5	BRIT POLTRY SCI	0.970	> 10.0	1	ANNU REV ASTRON ASTR	8.212	7.9
7	J AGR RES	0.738	> 10.0	6	APPL ANIM BEHAV SCI	0.710	4.9	2	ASTROPHYS J SUPPL S	4.350	6.6
8	AGRON J	0.712	> 10.0	7	LIVEST PROD SCI	0.680	4.9	3	J GEOPHYS RES	4.131	8.0
9	PLANT BREEDING	0.705	> 10.0	8	POULTRY SCI	0.642	> 10.0	4	ANNU REV EARTH PL SC	3.590	6.3
10	J SCI FOOD AGR	0.678	> 10.0	9	GENET SEL EVOL	0.618	4.3	5	ASTROPHYS J	3.128	6.3
11	AM J ENOL VITICULT	0.664	9.5	10	CAN J ANIM SCI	0.546	6.7	6	ASTROPHYS LETT COMM	3.128	> 10.0
12	AGR FOREST METEOROL	0.629	7.1	11	ARCH GEFLUGELND	0.472	5.0	7	ASTROPHYS	2.442	5.2
13	FIELD CROP RES	0.629	7.1	12	J RANGE MANAGE	0.472	5.0	8	MON NOT N ASTRON SOC	2.242	6.4
14	CROP SCI	0.610	9.9	13	ANIM FEED SCI TECH	0.430	5.6	9	ASTRON J	2.206	5.3
15	J ENVIRON SCI HEAL B	0.598	5.5	14	AUST J AGR	0.398	> 10.0	10	SPACE SCI REV	2.061	5.3
16	WEED SCI	0.593	7.7	15	J ANIM BREED GENET	0.398	> 10.0	11	CARUS	1.849	5.8
17	IRRIGATION SCI	0.579	5.5	16	WORLD POLTRY SCI J	0.381	6.9	12	PUBL ASTRON SOC JPN	1.824	5.8
18	APIDOLOGIE	0.557	6.9	17	ARCH TIERERNHR	0.374	7.6	13	ANN GEOPHYS	1.294	6.0
19	J PESTIC SCI	0.557	6.9	18	ZUCHTUNGSKUNDE	0.371	7.0	14	PUBL ASTRON SOC PAC	1.294	6.0
20	SOIL SCI PLANT NUTR	0.553	8.1	19	NEW ZEAL J DAIRY SCI	0.304	9.2	15	ASTRON ASTROPHYS SUP	1.214	7.1
21	BEITR TAMAUFORSCH	0.500	> 10.0	20	ANN ZOOTECH	0.250	> 10.0	16	SOL PHYS	1.054	6.3
22	J AGR SCI	0.489	> 10.0	21	AGRI-PRACTICE	0.250	> 10.0	17	J ROY ASTRON SOC	0.971	6.3
23	BIO MASS	0.480	3.6	22	ARCH TIERZUCHT	0.102	8.9	18	GEOPHYS ASTRO FLUID	0.968	5.7
24	ACTA AGR SCAND	0.478	7.9	23	AUST J DAIRY TECHNOL	0.100	8.8	19	OBSERVATORY	0.900	7.6
25	J FERT ISSUES	0.468	7.9	24	ZIVOCISNA VYROBA	0.020		20	IAU SYMP	0.867	4.8
26	CROP PROT	0.448	3.9	25	INDIAN J ANIM SCI	0.019	9.4	21	J NATURFORSCH A	0.851	> 10.0
27	NEW ZEAL J AGR RES	0.427	> 10.0	26	WOOL TECH SHEEP BRE	0.000		22	ASTRON SOC AUST	0.756	5.0
28	AUST J EXP AGR	0.399	> 10.0	AGRICULTURE, SOIL SCIENCE				23	ANN GEOPHYS A-UPPER	0.638	5.8
29	AGR SYST	0.392	> 10.0	1	SOIL BIOL BIOCHEM	1.311	6.9	24	J ASTROPHYS ASTRON	0.588	5.8
30	AM POTATO J	0.386	> 10.0	2	J SOIL SOC AM J	0.932	> 10.0	25	SOV ASTRON LETT	0.498	5.4
31	EUPHYTICA	0.386	7.9	3	AUST J SOIL RES	0.819	7.9	26	ASTROPHYS SPACE SCI	0.491	5.4
32	T ASAE	0.368	7.9	4	BIOLOG FERT SOILS	0.786	9.4	27	ASTRON NACHR	0.408	> 10.0
33	NETH J AGR SCI	0.356	> 10.0	5	CAN J SOIL SCI	0.724	10.0	28	ASTRON I CZECH	0.352	6.0
34	WEED RES	0.353	> 10.0	6	SOIL SCI	0.690	10.0	29	REV MEX ASTRON ASTH	0.321	6.0
35	CAN AGR ENG	0.347	6.2	7	J SOIL WATER CONSERV	0.592	10.0	30	EARTH MOON PLANETS	0.321	6.0
36	POTATO RES	0.347	6.2	8	GEODERMA	0.564	7.8	31	ASTRON ZH	0.302	> 10.0
37	AGR MIST	0.304	> 10.0	9	SOIL TILL RES	0.531	4.8	32	VESTN MOSK U FIZ AS	0.172	5.0
38	SWED J AGR RES	0.286	7.8	10	SOIL SCI PLANT NUTR	0.525	8.1	33	MUOVO CIMENTO C	0.153	5.0
39	J STORED PROD RES	0.282	> 10.0	11	COMMON SOIL SCI PLAN	0.468	6.8	34	J ROY ASTRON SOC CAN	0.128	> 10.0
40	AGR ECOSYST ENVIRON	0.270	4.5	12	LANDWIRT FORSCH	0.324	8.1	35	INDIAN J RADIO SPACE	0.029	
41	RES DEV AGRIC	0.255		13	FERT RES	0.299	4.5	ATMOSPHERIC SCIENCES			
42	OUTLOOK AGR	0.250		14	ARCH ACKER PFL BODEN	0.238	4.2	SEE METEOROLOGY & ATMOSPHERIC SCIENCES			
43	EXP AGR	0.247	8.5	15	BIOCYCLE	0.220	2.7				
44	VITIS	0.245	8.2	16	SOV SOIL SCI	0.220	> 10.0				
45	J AGR ENG RES	0.234	8.4	17	SOIL CROP SCI SOC FL	0.033					
46	NEW ZEAL J EXP AGR	0.213	7.6								
47	WEED TECHNOL	0.212									

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JOURNALS BY CATEGORY - RANKED BY IMPACT FACTOR

RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE
(CONTINUED) ENDOCRINOLOGY & METABOLISM				ENGINEERING, BIOMEDICAL				(CONTINUED) ENGINEERING, CIVIL			
51	DIABETES RES CLIN EX	0.379	2.9	1	PAGE	1.749	3.5	29	ROCK MECH ROCK ENG	0.105	> 10.0
52	ENDOCRINOL EXP	0.284	4.2	2	J BIOMED MATER RES	1.118	7.0	30	J IRON DRAIN E-ASCE	0.098	
53	ACTA DIABETOLOG	0.222	6.4	3	IEEE T MED IMAGING	1.082	6.9	31	J CONSTR STEEL RES	0.091	
ENERGY & FUELS				4	BIOMATERIALS	0.899	3.9	32	CIVIL ENG	0.080	
1	ENERG FUEL	1.520	2.0	5	COMPUT BIOL MED	0.890	5.4	33	CIVIL ENG SYST	0.074	
2	CARBON	1.372	8.2	6	ULTRASONIC IMAGING	0.865	6.0	34	J SHIP RES	0.073	
3	PROG ENERG COMBUST	1.250	7.0	7	CRIT REV BIOMED ENG	0.850	5.6	35	J ENERG ENG-ASCE	0.063	
4	FUEL	1.085	7.8	8	CRIT REV BIOMED ENG	0.824	5.6	36	GEOTECH GEOMEMBRANES	0.057	
5	COMBUST FLAME	0.870	7.8	9	IEEE T BIO-MED ENG	0.802	6.3	37	ENG J AISC	0.054	
6	INT J HYDROGEN ENING	0.709	4.6	10	ARTIF ORGANS	0.677	6.3	38	INT J ENERG RES	0.043	
7	SOL ENERG MATER	0.653	6.1	11	CLIN PHYS PHYSIOL M	0.660	4.7	39	ENG GEOL	0.031	
8	COMBUST SCI TECHNOL	0.633	6.1	12	COMPUT BIOMED RES	0.615	8.7	40	J TRANSP ENG-ASCE	0.019	
9	ANNU REV ENERGY	0.625	5.5	13	ANN BIOMED ENG	0.612	7.8	41	ITE J	0.012	
10	FUEL PROCESS TECHNOL	0.624	3.7	14	INT J ARTIF ORGANS	0.610	5.3	42	NAV ARCHIT	0.012	
11	SOL CELLS	0.552	3.6	15	J BIOMED MATER RES-A	0.500	4.7	43	J CONSTR ENG M ASCE	0.000	
12	ATOMKERNENERG/KERN	0.550	6.8	16	J BIOMED ENG	0.471	4.7				
13	BIOMASS	0.480	5.6	17	MED PROG TECHNOL	0.429	6.3	ENGINEERING, ELECTRICAL & ELECTRONIC			
14	SOL ENERGY	0.472	8.7	18	J BIOMED ENG-T ASME	0.402	6.3	1	IEEE J QUANTUM ELECT	2.643	5.5
15	ERDOL KOHLE ERDGAS P	0.401	5.5	19	COMPUT METH PROG BIO	0.371	6.6	2	IEEE T ELECTRON DEV	2.016	5.5
16	J PETROL TECHNOL	0.335	> 10.0	20	MED INSTRUM	0.319	6.6	3	PROG QUANT ELECTRON	1.770	5.5
17	OIL GAS J	0.235	5.8	21	CRIT REV MED INFOR	0.284	6.7	4	IEEE ELECTR DEVICE L	1.770	5.5
18	ENERGY	0.151	4.8	22	BIOMED TECH	0.276	6.6	5	P IEEE	1.745	5.5
19	J SOL ENERG-T ASME	0.143	> 10.0	23	J MED ENG TECHNOL	0.200		6	J ELECTRON MATER	1.582	5.5
20	HYDROCARB PROCESS	0.138	> 10.0	24	IEEE ENG MED BIOL	0.197		7	IEEE T COMPUT	1.559	5.5
21	REV FR PETROL	0.097	8.7	25	BIOMATER ARTIF CELL	0.156	7.1	8	IEEE T AUTOMAT CONTR	1.465	5.5
22	J ENERGY	0.075		26	DIALYSIS TRANSPLANT	0.146	7.2	9	SEMICONDUCTOR TECH	1.439	5.5
23	ENERG CONVERS MANAGE	0.071		ENGINEERING, CHEMICAL				10	IEEE J SOLID-ST CIRC	1.360	5.5
24	APPL ENERG	0.063		1	J CATAL	2.260	7.4	11	ELECTRON LETT	1.331	5.5
25	J CAN PETROL TECHNOL	0.063		2	ENERG FUEL	1.520	4.2	12	IEEE T MICROW THEORY	1.120	5.5
26	J ENERG ENG-ASCE	0.063		3	PLASMA CHEM PLASMA P	1.372	4.8	13	SOLID STATE TECHNOL	1.052	5.5
27	CHEM TECH FUELS OIL	0.061		4	CARBON	1.372	4.8	14	IEEE T ULTRASON	1.040	5.5
28	POWER ENG	0.053		5	FLUID PHASE EQUILIBR	1.368	4.3	15	SENSOR ACTUATOR	1.023	5.5
29	ENERG SOURCE	0.043		6	PROG ENERG COMBUST	1.250	7.0	16	SOLID STATE ELECTRON	1.012	5.5
30	INT J ENERG RES	0.043		7	AIChE J	1.173	> 10.0	17	IEEE T INFORM THEORY	0.996	5.5
31	J ENERG RESOUR-ASME	0.025		8	SEPAR PURIF METHOD	1.087	6.1	18	IEEE T SOFTWARE ENG	0.996	5.5
32	WORLD OIL	0.014		9	J MEMBRANE SCI	0.952	6.1	19	IEEE T ELECTRON	0.952	5.5
33	ENERG BUILDINGS	0.013		10	CHEM ENG SCI	0.862	6.6	20	IEEE T COMMUN	0.932	5.5
34	HEAT RECOV SYST CHP	0.010		11	IND ENG CHEM RES	0.805	2.2	21	IEEE T CIRCUITS SYST	0.810	5.5
35	IN SITU	0.000		12	SEPAR SCI TECHNOL	0.760	6.9	22	PATTERN RECOGN	0.779	5.5
36	NEFT KHOZ	0.000		13	CHEM DATA	0.697	> 10.0	23	IEEE T NUCL SCI	0.772	5.5
ENERGY, ATOMIC				14	PART PART SYST CHAR	0.667		24	IEEE J SEL AREA COMM	0.743	5.5
SEE NUCLEAR SCIENCE & TECHNOLOGY				15	TRANSPORT POROUS MED	0.667		25	IEEE T SEMICONDUCT M	0.731	5.5
ENGINEERING				16	COMPUT CHEM ENG	0.633	4.1	26	IEEE T CIRCUIT DEVIC	0.667	5.5
1	INT J NUMER METH ENG	1.003		17	FUEL PROCESS TECHNOL	0.604	3.7	27	IEEE T ANTENN PROPAG	0.620	8.0
2	COMBUST FLAME	0.820	7.8	18	ACTA PHARM TECHNOL	0.543	6.1	28	IEEE COMMUN MAG	0.613	5.5
3	J ELASTICITY	0.651	7.8	19	J CHEM ENG JPN	0.502	7.5	29	IEEE T INFRARED MILLI	0.598	5.5
4	PHILIPS J RES	0.635	4.8	20	J CHEM TECHNOL BIOT	0.487	7.0	30	IEEE T GEOSC REMOTE	0.592	5.5
5	COMBUST SCI TECHNOL	0.633	6.1	21	POWDER TECHNOL	0.434	7.8	31	IEEE SPECTRUM	0.572	5.5
6	J ADHESION	0.613	7.0	22	CHEM ENG PROG	0.427	> 10.0	32	IEEE T ELECTROMAGN C	0.563	5.5
7	ENG FRAC MECH	0.578	7.0	23	ASLE TRANS	0.426	> 10.0	33	IEEE T COMMON HYBR	0.554	5.5
8	J AUDIO ENG SOC	0.521	5.0	24	DESALINATION	0.419	4.8	34	KVANTOVAYA ELEKTRON	0.543	5.5
9	COLD REG SCI TECHNOL	0.494	5.0	25	ERDOL KOHLE ERDGAS P	0.401	5.6	35	IEEE T INSTRUM MEAS	0.523	5.5
10	INT J ENG SCI	0.486	9.2	26	CHEM ENG RES DES	0.383	3.9	36	IEEE T ELECTR INSUL	0.499	5.5
11	J RES NATL INST STAN	0.446	> 10.0	27	CHEM ENG COMMUN	0.382	3.9	37	IEEE T VEH TECHNOL	0.454	5.5
12	SAMPLE J	0.388	7.9	28	CHEM ENG PROCESS	0.360	4.5	38	IEEE T AERO ELEC SYS	0.454	5.5
13	T ASAE	0.388	7.9	29	CHEM ENG COMMUN	0.345	4.5	39	RADIO SCI	0.451	5.5
14	COMPUT STRUCT	0.349	5.7	30	CHEM ENG J BIOCH ENG	0.339	9.3	40	IMAGE VISION COMPUT	0.409	5.5
15	CAN AGR ENG	0.341	6.9	31	REV ENVIRON CONAM T	0.321	8.0	41	IEEE T SIGNAL PR	0.399	5.5
16	INT J PROD RES	0.331	5.9	32	CHEM ENG-NEW YORK	0.321	9.1	42	J ELECTROMAGNET WAVE	0.398	5.5
17	PHILIPS TECH REV	0.319	> 10.0	33	J MICROENCAPSUL	0.263		43	SIEMENS FORSCH ENTW	0.393	5.5
18	IEEE T ENGRG MANAGE	0.316	9.4	34	CHEM TECH-LEIPZIG	0.258	9.1	44	IEEE T MICROWAVE	0.376	5.5
19	IEEE T RELIAB	0.309	9.4	35	CHEM ENG NEWS	0.246	5.0	45	COMPUT NETWORKS ISDN	0.307	7.5
20	NDT INT	0.301	> 10.0	36	J PETROL TECHNOL	0.235	> 10.0	46	IEEE T EDUC	0.274	5.5
21	J STRAIN ANAL ENG	0.275	> 10.0	37	HYDROCARB PROCESS	0.188	> 10.0	47	IEEE TROSTAT	0.266	5.5
22	AQUACULT ENG	0.275	8.0	38	REV FR PETROL	0.099	8.7	48	IEEE T CONSUM ELECTR	0.255	5.5
23	IEEE T EDUC	0.266	8.0	39	HUNG J IND CHEM	0.086		49	INT J CIRC THEOR APP	0.250	5.5
24	J FIRE SCI	0.266	8.4	40	CHEM TECH FUELS OIL	0.063		50	IEEE T ELECTRON	0.246	5.5
25	J AGR ENG RES	0.266	8.4	41	INT J ENG FLUID MECH	0.034		51	IEEE T BROADCAST	0.244	5.5
26	J OCCUP ACCID	0.266	8.4	42	SOAP COSMET CHEM SPE	0.033		52	IEEE T ENERGY CONVER	0.240	5.5
27	COMPUT APPL NUMER M	0.208		43	PRIZEM CHEM	0.017		53	SIGNAL PROCESS	0.237	5.5
28	Q J ENG GEOL	0.208		44	KHIM PROMST	0.013	> 10.0	54	SOV MICROELECTRON	0.230	4.9
29	IE TRANS	0.203	9.3	45	CHEM ENG-LONDON	0.009		55	IEEE PROC-T	0.228	5.5
30	ENG ARCH	0.193	> 10.0	46	KEM TILSKR	0.009		56	IEEE VUZ RADIOFIZ	0.209	5.5
31	RELIAB ENG SYST SAFE	0.188	5.3	47	ACTA POLYTECH SC CH	0.000		57	IEEE PROC-B	0.202	5.5
32	IEEE T IND APPL	0.188	5.3	ENGINEERING, CIVIL				58	GEC-J RES	0.196	5.5
33	ENG EDUC	0.188	5.3	1	WASTE MANAGE RES	1.074	2.5	59	ARCH ELEKTROTECH	0.179	5.5
34	SAMPLE QUANT	0.115		2	J AM WATER WORKS ASS	1.036	7.8	60	MICROELECTRON RELIAB	0.178	5.5
35	COMBUST EXPLD SHOCK	0.092	9.6	3	J ENVIRON ENG-ASCE	1.022	5.3	61	ABU-ARCH ELEKTRON LB	0.170	5.5
36	INDIAN J TECHNOL	0.092	7.2	4	COAST ENG	0.721	5.4	62	RADIOTECH ELEKTRON	0.164	5.5
37	CONSERV RECYCLING	0.085		5	INT J SOLIDS STRUCT	0.716	5.4	63	IEEE T POWER DELIVER	0.158	5.5
38	RES IND	0.080		6	WATER RESOUR BULL	0.654	4.9	64	IEEE T IND ELECTRON	0.155	5.5
39	INT J PRES VES PIP	0.074		7	J HYDROL	0.640	6.1	65	ACTA ELECTRON	0.150	5.5
40	PRECIS ENG	0.072		8	J HYDRAUL ENG-ASCE	0.559	9.2	66	IEEE T POWER SYST	0.150	5.5
41	AGR ENG	0.073	> 10.0	9	THIN WALL STRUCT	0.300		67	J MICROWAVE POWER EE	0.115	> 10.0
42	J ENG SCI	0.068		10	STRUCT SAF	0.452		68	SIEMENS REV	0.085	
43	IND ENG	0.061	> 10.0	11	EARTHQUAKE ENG STRUC	0.449	6.6	69	TOSHIBA REV	0.077	
44	SADHANA-ACAD P ENG S	0.058		12	J WATER RES PL-ASCE	0.449	3.6	70	J ELECTRON RAD ENG	0.073	
45	QUAL PROG	0.058		13	ENVIRON PROG	0.422		71	COMPUT ELECTR ENG	0.066	
46	PFB-MITT	0.053		14	TRANSPORT RES B-METH	0.417	5.7	72	MICROWAVE RE	0.065	
47	RAIRO-AUTOM PROD INT	0.050		15	IEEE J OCEANIC ENG	0.396	4.7	73	ELECTR MACH POW SYST	0.049	
48	ENG ANAL BOUND ELEM	0.048		16	J HYDRAUL RES	0.388	7.8	74	ETZ ARCHIV	0.043	
49	COMPUT IND ENG	0.041		17	J HYDRAUL PORT C-ASCE	0.388	9.3	75	HEWLETT-PACKARD J	0.042	
50	ENG COST PROG ECON	0.039		18	J STRUCT ENG-ASCE	0.388	9.3	76	CONSTR	0.041	
51	ENGINEERING-LONDON	0.031		19	ENG STRUCT	0.311		77	CONTROL ENG	0.039	
52	MANUF ENG	0.030		20	J GEOTECH ENG-ASCE	0.306	6.3	78	MICROELECTRON	0.039	
53	FORSCH INGENIEURWES	0.013		21	CAN GEOTECH J	0.303	8.1	79	IEEE ELEC COMMUN LAB	0.038	
54	NAV ENG J	0.011		22	J SURV ENG-ASCE	0.294		80	VLSI SYST DES	0.036	
55	COLUMBIA	0.006		23	WATER ENG MANAG	0.268		81	INT J ELEC ENG EDUC	0.033	
56	P M-Feinwerktech Mes	0.000		24	P J CIVIL ENG PT 2	0.150		82	JILLUM ENG SOC	0.031	
57				25	P J CIVIL ENG PT 1	0.189		83	ONDE ELECTR	0.031	
58				26	CAN J CIVIL ENG	0.171	5.3	84	IEEE REV	0.030	
59				27	OCEAN ENG	0.127		85	ELECTR POW SYST RES	0.029	
60				28	DURABILITY BUILD MAT	0.122		86	BRIT TELECOMM ENG	0.025	

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(CONTINUED) ENGINEERING, ELECTRICAL & ELECTRONIC				(CONTINUED) ENTOMOLOGY				ERGONOMICS			
96	ELECTRON DES	0.021		38	ACAROLOGIA	0.127	> 10.0	1	SCAND J WORK ENV HEA	0.939	5.8
96	TELECOMM RALIO ENG	0.021	7.1	39	BEE WORLD	0.118	> 10.0	2	IEEE T SYST MAN CYB	0.930	8.1
98	INT J ELEC POWER	0.016		40	JRPT J APPL ENTOMOL Z	0.113	> 10.0	3	HUM FACTORS	0.664	8.1
99	ELETTROTECNICA	0.014		41	P ENTOMOL SOC ONT	0.107		4	ERGONOMICS	0.346	9.0
100	BROWN BOVARI REV	0.012		42	ANN ENTOMOL FENN	0.085		5	INT REV ERGON	0.300	
101	EDN	0.007		43	ORIENT INSECTS	0.083		6	J OCCUP ACCID	0.231	
101	IZV VUZ RADIOELEKTR	0.007		44	AQUAT INSECT	0.077					
103	ELECTRON ENG	0.006		45	PAN-PAC ENTOMOL	0.075	> 10.0				
104	ELECTRON PROD	0.005		46	J ARACHNID	0.071					
105	COMMUN BRUAULAST	0.000		47	ACTA ENTOMOL BOHEMOS	0.057					
105	ELECTRON INFORM PLAN	0.000		48	ENTOMOL GEN	0.063					
105	ELECTRON POWER	0.000		49	ANN SOC ENTOMOL FR	0.056	> 10.0				
105	ERICSSON REV	0.000		50	ENTOMON	0.054					
105	SHARP TECH J	0.000		51	ENTOMOL SOC S AFR	0.024					
				52	DEUT ENTOMOL Z	0.021					
				53	ACTA ENTOMOL SINICA	0.021					
				54	ACTA PHYTOPATHOL HUN	0.011					
ENGINEERING, MECHANICAL				ENVIRONMENTAL SCIENCES				FERTILITY			
1	PLASMA CHEM PLASMA P	1.491	4.8	1	ENVIRON SCI TECHNOL	2.885	5.7	SEE OBSTETRICS & GYNECOLOGY			
2	J ENG MECH-ASCE	0.646	7.6	2	ENVIRON MOL MUTAGEN	2.066	4.7	FISHERIES			
3	EXP FLUIDS	0.573	3.1	3	BIOGEOCHEMISTRY	1.855	2.8	1	FISH PHYSIOL BIOCHEM	1.931	
4	J HYDRAUL E J-ASCE	0.559	9.2	4	WATER RESOUR RES	1.734	6.6	2	CAN J FISH AQUAT SCI	1.364	4.8
5	BRENNST-WARME-KRAFT	0.519	1.8	5	DEEP-SEA RES	1.701	9.1	3	J AM FISH SOC	0.847	> 10.0
6	HEAT TRANS-T ASME	0.473	8.4	6	ENVIRON HEALTH PERSP	1.650	5.4	4	AQUACULTURE	0.757	9.4
7	INT J PLASTICITY	0.427		7	CHEMOSPHERE	1.631	3.8	5	FISH B-NOAA	0.616	9.3
8	ENG COMPUT	0.426		8	ENVIRON TOXICOL CHEM	1.498	3.5	6	BAMIDGH	0.538	
9	J ENG WATER-T ASME	0.328	9.1	9	CLIMATIC CHANGE	1.492	4.3	7	NIPPON SUISAN GAKA	0.396	8.0
10	J STRAIN ANAL ENG	0.275	> 10.0	10	ATMOS ENVIRON	1.473	5.8	8	ARCH FISCHEREIWISS	0.286	
11	J FLUID ENG-T ASME	0.270	7.2	11	J ENVIRON QUAL	1.201	7.5	9	AQUACULT ENG	0.273	
12	JSMC INT J	0.260		12	ARCH ENVIRON CON TOX	1.173	5.1	10	FISH RES	0.170	
13	INT J MECH SCI	0.205	> 10.0	13	IND ENVI	1.155	8.0	11	FISH PATHOL	0.156	8.4
14	THEOR ENG	0.188	6.5	14	GEOMICROBIOL J	1.125	3.7	12	PROG FISH CULT	0.148	> 10.0
15	J DYN SYST-T ASME	0.162	6	15	POLAR BIOL	1.109	5.1	13	J APPL ICHTHYOL	0.125	
16	J TRIBOL-T ASME	0.162	3	16	REMOTE SENS ENVIRON	1.098	9.2	14	MAR FISH REV	0.119	9.5
17	TRIBOL INT	0.150		17	ENVIRON POLLUT	1.074	9.2	15	B FR PTHE PISCIC	0.111	
18	J SOL ENERG-T ASME	0.143		18	WASTE MANAGE RES	1.059	7.3	16	CALIF J SM GAME	0.083	> 10.0
19	J PRESS VESS-T ASME	0.140	6.5	19	CRIT REV ENV CONTR	1.059	7.3	17	ISR J AQUACULT-BAMID	0.071	
20	TRIBOL T	0.127		20	MAR POLLUT BULL	1.033	7.3	18	FISHERIES	0.066	
21	LUBR ENG	0.114		21	ENVIRON RES	1.033	3.0				
22	MECH MACH THEORY	0.108	7.5	22	J ENVIRON ENG-ASCE	1.022	5.5				
23	J PIPELINE	0.104		23	J TOXICOL ENV HEALTH	1.004	6.4				
24	P J MECH ENG B-J ENG	0.099		24	INT ENVIRON HEALTH	1.004	6.4				
25	ASHRAE J	0.097		25	ARCH ENVIRON HEALTH	0.950	> 10.0				
26	MECH ENG	0.092		26	JAPCA J AIR WASTE MA	0.924	5.6				
27	INT J REFRIG	0.087		27	J WATER POLLUT CON F	0.906	9.4				
28	CAN SOC MECH ENG	0.067	> 10.0	28	TOXICOL ENVIRON CHEM	0.879	5.4				
29	J ENG IND-T ASME	0.067									
30	J VIB ACOUST	0.056									
31	REV GEN THERM	0.046									
32	J ENG GAS TURB POWER	0.046	8.1								
33	JSMC INT J II-FLUID	0.045									
34	INT J MACH TOOL MANU	0.042									
35	J MECH TRANSM-T ASME	0.035									
36	J TURBOMACH	0.035									
37	J MECH WORK TECHNOL	0.028									
38	J JPN SOC PREC ENG	0.027									
39	JSMC INT J I-SOLID M	0.027									
40	JSMC INT J II-VIB C	0.024									
41	J MECH ENG A-J POW	0.018									
42	BROWN BOVARI REV	0.016									
43	HEAT RECOV SYST CHP	0.010									
44	J JPN SOC LUBR ENG	0.010									
45	CME-CHARTER MECH ENG	0.000									
46	EXP THERM FLUID SCI	0.000									
46	J MECH ENG LAB	0.000									
46	STROJARSTVO	0.000									
46	VEHICULAR SYST DYN	0.000									
ENGINEERING, NUCLEAR				ENVIRONMENTAL SCIENCES, WATER RESOURCES				FOOD SCIENCE & TECHNOLOGY			
SEE NUCLEAR SCIENCE & TECHNOLOGY				SEE WATER RESOURCES				1 J CEREAL SCI			
ENTOMOLOGY				SEE EPIDEMIOLOGY				2 BIOTECHNOL PROGR			
1	ANNU REV ENTOMOL	3.721	9.6	SEE PUBLIC HEALTH				3 J FOOD PROTECT			
2	ADV INSECT PHYSIOL	3.000	> 10.0					4 J DAIRY SCI			
3	ARCH INSECT BIOCHEM	1.493	2.6					5 CRIT REV FOOD SCI			
4	J INSECT PHYSIOL	1.489	> 10.0					6 J AM OIL CHEM SOC			
5	INSECT BIOCHEM	1.437	5.4					7 J AGR FOOD CHEM			
6	PHYSIOL ENTOMOL	1.302	5.6					8 J DAIRY RES			
7	ECOL ENTOMOL	0.922	5.7					9 INT J FOOD MICROBIOL			
8	J MED ENTOMOL	0.868	8.2					10 NETH MILK DAIRY J			
9	ENTOMOL EXP APPL	0.842	7.1					11 FOOD CHEM TOXICOL			
10	B ENTOMOL RES	0.797	> 10.0					12 CEREAL CHEM			
11	J ECON ENTOMOL	0.739	> 10.0					13 LEBENS MITT UNTERS FOR			
12	ENVIRON ENTOMOL	0.727	7.6					14 J MICRONUTR ANAL			
13	MED VET ENTOMOL	0.596						15 FOOD TECHNOL-CHICAGO			
14	J AM MOSQUITO CONTR	0.521	2.9					16 FOOD ADDI-CONTAM			
15	ANN ENTOMOL SOC AM	0.521	> 10.0					17 ARCH LEBENS MITTELHYC			
16	INT J INSECT MORPHOL	0.504	7.5					18 J FOOD SCI			
17	ENTOMOPHAGA	0.479	9.4					19 LAIT			
18	CAN ENTOMOL	0.414	> 10.0					20 J FERMENT BIOENG			
19	APPL ENTOMOL ZOOL	0.358	7.3					21 J SCI FOOD AGR			
20	EXP APPL ACAROL	0.349						22 AM ENOL VITICULT			
21	INSECT SOC	0.339	> 10.0					23 FOOD MICROSTRUCT			
22	FLA ENTOMOL	0.308	7.7					24 STARCH-STARKE			
23	J APPL ENTOMOL	0.304	2.6					25 FOOD CHEM			
24	SYST ENTOMOL	0.292						26 DEUT LEBENS MITT UNTERS			
25	J KANSAS ENTOMOL SOC	0.291	8.6					27 J FOOD SAFETY			
26	J ENTOMOL SCI	0.291	7.6					28 BREWING			
27	SOUTHWEST ENTOMOL	0.274	5.9					29 MILCHWISSENSCHAFT			
28	SOCIOBIOLOGY	0.259	> 10.0					30 J TEXTURE STUD			
29	J AUST ENTOMOL SOC	0.220	8.1					31 CEREAL FOOD WORLD			
30	J NEW YORK ENTOMOL S	0.204	> 10.0					32 INT J FOOD SCI TECH			
31	GREAT LAKES ENTOMOL	0.200						33 MEAT SCI			
32	J APICULT RES	0.169	9.5					34 J FOOD QUALITY			
33	INSECT SCI APPL	0.137	4.2					35 CAN J FOOD SCI TECH J			
34	P ENTOMOL SOC WASH	0.133	> 10.0					36 NEW ZEAL J DAIRY SCI			
35	ENTOMOL SCAND	0.142	8.6					37 SCI ALIMENT			
36	ENTOMOL NEWS	0.135	> 10.0					38 LEBENS MITT UNTERS			
37	MEH ENTOMOL SOC CAN	0.130	> 10.0					39 ZUCKERINDUSTRIE			

SCI JOURNAL CITATION REPORTS
JOURNALS BY CATEGORY - RANKED BY IMPACT FACTOR

RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE
HISTORY & PHILOSOPHY OF SCIENCE				(CONTINUED) IMMUNOLOGY				(CONTINUED) MARINE & FRESHWATER BIOLOGY			
1	SOC STUD SCI	0.750	7.3	79	COMP IMMUNOL MICROB	0.264	6.6	21	AQUACULTURE	0.757	5.4
2	B HIST MED	0.500	> 10.0	80	EOS-RIV IMMUNOL	0.250		22	PSZNI MAR ECOL	0.756	5.6
3	HIST STUD PHYS BIOL	0.471		81	ASIAN PAC J ALLERGY	0.244		23	BOT MAR	0.697	7.3
4	BRIT J PHILOS SCI	0.473	> 10.0	82	MED MALADIES INFECT	0.212	4.2	24	J FISH BIOL	0.645	8.0
5	J HIST MED ALL SCI	0.321	> 10.0	83	IM MICROB EPID IMMUN	0.200	5.9	25	J CRUSTACEAN BIOL	0.613	6.8
6	ARCH HIST EXACT SCI	0.286		84	REV FR TRANSFUS IMMUN	0.117		26	SARSIA	0.594	9.1
7	MED HIST	0.286	9.2	85	ALLERGOL IMMUNOPATH	0.098	6.8	27	MAR MAMMAL SCI	0.525	
8	J HIST BIOL	0.135	> 10.0	86	ARCH IMMUNOL THER EN	0.072	9.8	28	MAR BEHAV PHYSIOL	0.517	7.9
9	HIST MATH	0.135		87	CURR OPIN INFECT DIS	0.012		29	J CONSEIL	0.515	> 10.0
10	ANN HIST COMPUT	0.045		INFORMATION SCIENCE & LIBRARY SCIENCE				30	J COASTAL RES	0.444	
HORTICULTURE				1	DATABASE	0.537	2.5	31	INT REV GES HYDROBIO	0.432	> 10.0
1	J AM SOC HORTIC SCI	0.692	7.8	2	INFORM PROCESS LETT	0.494	4.9	32	AUST J MAR FRESH RES	0.430	8.3
2	HORTSCIENCE	0.419	6.0	3	DATA BASE	0.286		33	NEW ZEAL J MAR FRESH	0.296	8.9
3	SCI HORTIC-AMSTERDAM	0.352	5.4	4	INT J PARALLEL PROG	0.263		34	ACTA HYDROCH HYDROB	0.213	
4	J HORTIC SCI	0.350	> 10.0	5	DATA MANAGE	0.250		35	CAN BIOL MAR	0.195	> 10.0
5	GARTENBAUWISSENSCHAFT	0.224	9.1	6	MED INFORM	0.236		36	J APPL ICHTHYOL	0.123	
6	CROP RES	0.192		7	DATAMATION	0.198		37	OCEAN PHY TECH	0.123	
7	J JPN SOC HORTIC SCI	0.182	7.5	8	MICROPROC MICROPROG	0.043	4.1	38	BIOL MORYA-VLAD+	0.092	6.8
8	SEED SCI TECHNOL	0.180	7.5	9	OPT INF SYST	0.023		MATERIALS SCIENCE			
9	FRUIT VARIETIES J	0.108		INSTRUMENTS & INSTRUMENTATION				1	ANNU REV MATER SCI	2.488	5.7
10	BIOL AGRIC HORTIC	0.103		1	ANAL INSTRUM	1.522	3.4	2	ACTA METALL MATER	0.029	5.6
HYDROLOGY				2	APPL SPECTROSC	1.474	4.3	3	MATER RES BULL	1.560	9.6
SEE WATER RESOURCES				3	NUCL INSTRUM METH B	1.402	2.8	4	PROG MATER SCI	1.500	9.1
HYGIENE & PUBLIC HEALTH				4	ADV CLIN CHEM	1.200	6.7	5	SEMICOND SCI TECH	1.439	9.2
SEE PUBLIC HEALTH				5	NUCL INSTRUM METH A	1.033	3.0	6	INT MATER REV	1.238	6.7
IMMUNOLOGY				6	SENSOR ACTUATOR	1.023	4.2	7	THIN SOLID FILMS	1.190	6.3
1	ANNU REV IMMUNOL	25.120	3.7	7	REV SCI INSTRUM	0.886	8.5	8	J MAGN MAGN MATER	1.175	3.9
2	IMMUNOL TODAY	18.325	6.8	8	LARYNGOSCOPE	0.866		9	MAT SCI ENG B-SOLID	1.133	
3	ADV IMMUNOL	16.615	6.8	9	IEEE CIRCUIT DEVIC	0.661		10	J BIOMED MATER RES	1.104	6.9
4	IMMUNOL REV	13.173	6.8	10	METROLOGIA	0.588	7.5	11	MATER LETT	0.965	2.7
5	J EXP MED	11.831	6.0	11	J PHYS E SCI INSTRUM	0.578	7.7	12	MATER SCI ENG	0.938	4.6
6	J IMMUNOL	7.262	4.4	12	EXP FLUIDS	0.573	3.1	13	PART PART SYST CHAR	0.678	
7	EUR J IMMUNOL	6.827	4.4	13	IEEE INSTRUM MEAS	0.524	4.8	14	MATER SCI	0.678	7.0
8	J INFECT DIS	4.827	4.4	14	AM LAB	0.524		15	MATER CHEM PHYS	0.665	3.0
9	AIDS	4.657	4.4	15	J AUTOM CHEM	0.467		16	SOL ENERG MATER	0.653	6.1
10	AIDS RES HUM RETROV	4.515	4.4	16	IEEE PROCD	0.441	5.4	17	J ELASTICITY	0.651	7.3
11	COMPLEMENT INFLAMMAT	4.345	4.4	17	DISPLAYS-TECHNOL APP	0.426		18	SCI REP RES TOKOKU A	0.656	
12	REV INFECT DIS	3.902	4.7	18	CHEMOMETR INTELL LAB	0.423		19	INT J RAPID SOLIDIF	0.607	
13	LYMPHOKINE RES	3.565	2.8	19	CHROMATR CONTROL DYNAM	0.386	5.0	20	IEEE T COMPOS MATER	0.542	> 10.0
14	J ALLERGY CLIN IMMUN	3.560	2.8	20	MED INSTRUM	0.344	5.0	21	IEEE T COMPOS HYBR	0.542	5.2
15	HUM IMMUNOL	3.444	3.4	21	SMPTE J	0.344	5.0	22	TEXTURE MICROSTRUCT	0.538	
16	INFECT IMMUN	3.315	6.0	22	IEEE T POWER DELIVER	0.158	2.8	23	COMPOS STRUCT	0.534	5.0
17	IMMUNOGENETICS	3.257	6.0	23	J IND ELECTRON	0.155	5.8	24	WERKST KORROS	0.531	6.1
18	TRANSPLANTATION	3.196	4.4	24	AUTOMAT REM CONTR	0.105	8.0	25	MATER SCI LETT	0.521	3.4
19	CRIT REV IMMUNOL	3.196	4.4	25	INSTRUM EXP TECH	0.105	7.4	26	POLYM COMPOSITE	0.519	3.9
20	J CLIN IMMUNOL	3.048	4.4	26	TECH MESS	0.083		27	J BIOMED MATER RES-A	0.500	
21	J LEUKOCYTE BIOL	2.727	4.4	27	INTECH	0.073		28	MATER SCI TECH SER	0.495	3.0
22	CLIN EXP IMMUNOL	2.709	4.4	28	CONTROL ENG	0.039		29	J SOC DYERS COLOUR	0.494	> 10.0
23	IMMUNOLOGY	2.553	4.4	29	MEAS TECH	0.036	6.8	30	INT J PLASTICITY	0.467	
24	SCAND J IMMUNOL	2.247	4.4	30	ROBOTERSYSTEME	0.032		31	SURF COAT TECH	0.465	2.1
25	MOL CELL IMMUNOL	2.247	4.4	31	ISA	0.029		32	COMPOS SCI TECHNOL	0.455	5.5
26	J ACQ IMMUN DEF SYND	2.188	4.4	32	CONTROL INSTRUM	0.029		33	J REINF PLAST COMP	0.429	
27	CELL IMMUNOL	2.171	4.4	33	JACS-CONTROL TECH EN	0.011		34	INT J ADHES ADHES	0.426	
28	MICROB PATHOGENESIS	2.138	4.4	34	SHARP TECH J	0.000		35	POLYM TEST	0.406	
29	AP J REPROD IMMUNOL	2.119	4.4	LARYNGOLOGY				36	MATER SCI	0.399	1.8
30	J NEUROIMMUNOL	2.107	4.4	SEE OTORHINOLARYNGOLOGY				37	CEMENT CONCRETE RES	0.394	6.6
31	CLIN IMMUNOL IMMUNOP	2.087	4.4	LAW				38	TEXT RES	0.350	8.3
32	J IMMUNOL METHODS	2.067	4.4	1	FOOD DRUG COSMET LAW	0.163		39	ACI STRUCT J	0.330	> 10.0
33	PARASITE IMMUNOL	2.060	4.0	LIMNOLOGY				40	FATIGUE FRACT ENG M	0.330	
34	SPRINGER SEMIN IMMUN	2.057	4.0	1	LIMNOL OCEANOGR	2.300	9.7	41	J ENG MATER-T ASME	0.328	9.1
35	CANCER IMMUNOL IMMUN	2.017	4.0	2	WATER RESOUR RES	1.734	6.6	42	J HAZARD MATER	0.309	4.0
36	IMMUNOBIOLOGY	1.902	4.0	3	WATER RES	1.238	7.5	43	INT J FATIGUE	0.306	
37	MOL IMMUNOL	1.895	4.0	4	ARCH HYDROBIO	0.915	9.2	44	J THERM ANAL	0.302	7.0
38	J BIOL RESP MODIF	1.850	4.0	5	J WATER POLLUT CON F	0.906	9.3	45	RES MECH	0.293	5.1
39	BONE MARROW TRANSPL	1.850	4.0	6	J FRESHWATER ECOL	0.844	4.4	46	NDT INT	0.291	
40	IMMUNOL RES	1.808	4.0	7	AUST J MAR FRESH RES	0.330	8.3	47	STRAIN ANAL ENG	0.275	> 10.0
41	ANN INST PASTEUR IMM	1.753	4.0	8	STYLOGIA	0.245		48	J FIRE SCI	0.256	
42	EUR J CLIN MICROBIOL	1.753	4.0	9	J INST WATER ENV MAN	0.086		49	ACI MATER J	0.241	
43	J REPROD IMMUNOL	1.718	4.0	MANAGEMENT SCIENCE				50	J INFORM REC MATER	0.190	
44	VACCINE	1.623	4.0	SEE OPERATIONS RESEARCH & MANAGEMENT SCIENCE				51	CELL CHEM T CHNOL	0.172	8.6
45	NAT IMMUN CELL GROU	1.574	4.0	MARINE & FRESHWATER BIOLOGY				52	TEST EVAL	0.169	8.6
46	IMMUNOL LETT	1.509	4.0	1	OCEANOGR MAR BIOL	3.353	9.3	53	WORKS OFFTECH	0.164	
47	TISSUE ANTIGENS	1.468	4.0	2	MAR ECOL-PROG SER	1.690	4.5	54	J TEXT J	0.160	> 10.0
48	ACTA PATH MICRO IM C	1.462	4.0	3	AQUAT TOXICOL	1.624	4.5	55	PLAST RUB PROC APPL	0.154	6.0
49	INT ARCH ALLER A IMM	1.395	4.0	4	J PLANKTON RES	1.517	4.6	56	MATER ORGANISME	0.149	
50	HYBRIDOMA	1.389	4.0	5	MAR BIOL	1.433	8.1	57	J MATER ENG	0.145	
51	J INFECTION	1.349	4.0	6	FRESHWATER BIOL	1.427	6.5	58	SURABILITY BUILD MAT	0.129	
52	TRANSPLANT P	1.329	4.0	7	ADV MAR BIOL	1.400	> 10.0	59	SAMPE QUART	0.113	
53	CURR TOP MICROBIOL	1.243	4.0	8	CAN J FISH AQUAT SCI	1.364	4.9	60	B MATER SCI	0.108	
54	IMMUNOPHARMACOLOGY	1.167	4.0	9	BIOL BULL	1.273	> 10.0	61	IND LAB-USER+	0.108	8.1
55	DIAGN CLIN IMMUNOL	1.156	4.0	10	J EXP MAR BIOL ECOL	1.143	6.5	62	HIGH TEMP TECHNOL	0.100	
56	INFECTION	1.075	4.0	11	MAR POLLUT BULL	1.059	4.9	63	TEXT CHEM COLOR	0.098	
57	VEI IMMUNOL IMMUNOP	1.042	4.0	12	NETH J SEA RES	1.000	7.6	64	MATER EVAL	0.084	
58	INT J IMMUNOPHARMACO	1.009	4.0	13	CORAL REEFS	0.932	5.1	65	INDORG MATER+	0.077	> 10.0
59	B I PASTEUR	0.914	5.7	14	ARCH HYDROBIO	0.915	9.2	66	FIRE MATER	0.052	
60	LEPROSY REV	0.878	6.4	15	S Afr J MARINE SCI	0.876	2.6	67	BRIT J NONDESTR TEST	0.045	
61	J IMMUNOASSAY	0.860	6.6	16	HYDROBIOLOGIA	0.876	2.6	68	KOVOVE MATER	0.043	
62	AUTOIMMUN	0.850	6.6	17	HELIGOLANDER MEERESUN	0.844	> 10.0	69	SOAP COSMET CHEM SPE	0.033	
63	THYMUS	0.843	6.0	18	J MAR BIOL ASSOC UK	0.820	> 10.0	70	J ELASTOM PLAST	0.023	
64	SCAND J INFECT DIS	0.816	6.5	19	MAR ENVIRON RES	0.806	4.7	71	J SOC LEATH TECH CH	0.022	
65	DEV COMP IMMUNOL	0.773	5.9	20	OPHELIA	0.776	9.2	72	SOV MATER SCI+	0.020	
66	IMMUNOPHARM IMMUNOT	0.743		MATERIALS SCIENCE, CERAMICS				73	FIRE SAFETY J	0.019	
67	EXP CLIN IMMUNOGENET	0.736	6.7	1	ADV CERAM MATER	2.406	2.4	74	DRY TECHNOL	0.017	
68	IMMUNOL INVEST	0.730	6.6	2	PHYS CHEM GLASSES	1.419	> 10.0	75	ADVAN MATER PROCESS	0.016	
69	MED MICROBIOL IMMUN	0.680		3	J AM CERAM SOC	1.280	8.5	76	SOV J NONDESTR TEST+	0.016	
70	IMMUNOL ALLERGY CLIN	0.676		4	J NON-CRYST SOLIDS	1.155	5.3	77	J AM LEATHER CHEM AS	0.000	
71	CURR OPIN IMMUNOL	0.586		5	AM CERAM SOC BULL	0.826	4.8	78	REVIEW HAUTES TEMP	0.368	> 10.0
72	MICROBIOL IMMUNOL	0.576	5.6	6	GLASTEC BER	0.822	4.8	79	NIPPON SERAM KYO GAK	0.301	4.8
73	APPLIS	0.576	1.4	7	CERAM INT	0.486					
74	J IMMUNOGENET	0.549	6.3	8	REV INT HAUTES TEMP	0.368	> 10.0				
75	J CLIN LAB IMMUNOL	0.519	6.5	9	NIPPON SERAM KYO GAK	0.301	4.8				
76	IMMUN INFECT	0.370	3.8								
77	INT J IMMUNOTHER	0.358									
78	IMMUNOLOGY	0.295									

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RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE
(CONTINUED) STATISTICS & PROBABILITY				(CONTINUED) TELECOMMUNICATIONS				(CONTINUED) UROLOGY & NEPHROLOGY			
28	SANKHYA SER A	0.175	> 10.0	6	IEEE COMMUN MAG	0.613	2.9	14	UROL CLIN N AM	0.806	5.9
29	STATISTICIAN	0.171	> 10.0	7	IEEE ELECTROMAGN C	0.598	2.9	15	RENAL PHYSIOL BIOCH	0.796	5.9
30	COMMON STAT SIMULAT	0.152	> 10.0	8	IEEE T VEH TECHNOL	0.497	2.9	16	BRIT J UROL	0.704	5.9
31	UTILITAS MATHEMATICA	0.145	> 10.0	9	IEEE T AERO ELEC SYS	0.494	2.9	17	SCAND J UROL NEPHROL	0.600	5.9
32	SANKHYA SER B	0.133	> 10.0	10	RADIO SCI	0.493	2.9	18	UROLOGE A	0.574	5.9
33	THEOR PROBAB APPL	0.093	> 10.0	11	TELECOMMUN POLICY	0.492	2.9	19	UROL RES	0.564	5.9
SUBSTANCE ABUSE				12	COMPUT NETWORKS ISDN	0.490	2.9	20	RENAL FAILURE	0.556	5.9
1	J STUD ALCOHOL	1.558	6.4	13	IEEE T BROADCAST	0.489	2.9	21	UROLOGY	0.556	5.9
2	ALCOHOL CLIN EXP RES	1.155	6.4	14	IEEE T CONSUM ELECTR	0.488	2.9	22	UROL INT	0.556	5.9
3	BRIT J ADDICT	1.155	6.4	15	IEEE T BROADCAST	0.488	2.9	23	ACTUEL UROL	0.556	5.9
4	ALCOHOL ALCOHOLISM	1.155	6.4	16	IEEE T BROADCAST	0.488	2.9	24	UROL INT	0.556	5.9
5	ALCOHOL	1.155	6.4	17	IEEE T BROADCAST	0.488	2.9	25	UROL INT	0.556	5.9
6	ALCOHOL DRUG RES	1.155	6.4	18	IEEE T BROADCAST	0.488	2.9	26	UROL INT	0.556	5.9
7	DRUG ALCOHOL DEPEND	0.894	6.4	19	IEEE T BROADCAST	0.488	2.9	27	UROL INT	0.556	5.9
8	INT J ADDICT	0.894	6.4	20	IEEE T BROADCAST	0.488	2.9	28	UROL INT	0.556	5.9
9	B NARCOTICS	0.115	6.4	21	IEEE T BROADCAST	0.488	2.9	29	UROL INT	0.556	5.9
SURGERY				22	IEEE T BROADCAST	0.488	2.9	30	UROL INT	0.556	5.9
1	TRANSPLANTATION	1.196	4.4	23	IEEE T BROADCAST	0.488	2.9	31	UROL INT	0.556	5.9
2	AM J SURG	1.196	4.4	24	IEEE T BROADCAST	0.488	2.9	32	UROL INT	0.556	5.9
3	ANN SURG	1.196	4.4	25	IEEE T BROADCAST	0.488	2.9	33	UROL INT	0.556	5.9
4	J THORAC CARDIOV SURG	1.196	4.4	26	IEEE T BROADCAST	0.488	2.9	34	UROL INT	0.556	5.9
5	J NEUROSURG	1.196	4.4	27	IEEE T BROADCAST	0.488	2.9	35	UROL INT	0.556	5.9
6	LASER SURG MED	1.196	4.4	28	IEEE T BROADCAST	0.488	2.9	36	UROL INT	0.556	5.9
7	SURG	1.196	4.4	29	IEEE T BROADCAST	0.488	2.9	37	UROL INT	0.556	5.9
8	ARCH SURG-CHICAGO	1.196	4.4	30	IEEE T BROADCAST	0.488	2.9	38	UROL INT	0.556	5.9
9	J VASC SURG	1.196	4.4	31	IEEE T BROADCAST	0.488	2.9	39	UROL INT	0.556	5.9
10	BRIT J SURG	1.196	4.4	32	IEEE T BROADCAST	0.488	2.9	40	UROL INT	0.556	5.9
11	ANN THORAC SURG	1.196	4.4	33	IEEE T BROADCAST	0.488	2.9	41	UROL INT	0.556	5.9
12	TRANSPLANT P	1.196	4.4	34	IEEE T BROADCAST	0.488	2.9	42	UROL INT	0.556	5.9
13	WORLD J SURG	1.196	4.4	35	IEEE T BROADCAST	0.488	2.9	43	UROL INT	0.556	5.9
14	AM J SURG	1.196	4.4	36	IEEE T BROADCAST	0.488	2.9	44	UROL INT	0.556	5.9
15	TRANSPLANT INT	1.196	4.4	37	IEEE T BROADCAST	0.488	2.9	45	UROL INT	0.556	5.9
16	NEUROSURGERY	1.196	4.4	38	IEEE T BROADCAST	0.488	2.9	46	UROL INT	0.556	5.9
17	SURG GYNCOLOG OBSTET	1.196	4.4	39	IEEE T BROADCAST	0.488	2.9	47	UROL INT	0.556	5.9
18	J BONE JOINT SURG AM	1.196	4.4	40	IEEE T BROADCAST	0.488	2.9	48	UROL INT	0.556	5.9
19	PLAST RECONSTR SURG	1.196	4.4	41	IEEE T BROADCAST	0.488	2.9	49	UROL INT	0.556	5.9
20	J SURG RES	1.196	4.4	42	IEEE T BROADCAST	0.488	2.9	50	UROL INT	0.556	5.9
21	J TRAUMA	1.196	4.4	43	IEEE T BROADCAST	0.488	2.9	51	UROL INT	0.556	5.9
22	ANN ROY COLL SURG	1.196	4.4	44	IEEE T BROADCAST	0.488	2.9	52	UROL INT	0.556	5.9
23	SURG CLIN N AM	1.196	4.4	45	IEEE T BROADCAST	0.488	2.9	53	UROL INT	0.556	5.9
24	ORAL SURG ORAL MED O	1.196	4.4	46	IEEE T BROADCAST	0.488	2.9	54	UROL INT	0.556	5.9
25	CLIN ORTHOP RELAT N	1.196	4.4	47	IEEE T BROADCAST	0.488	2.9	55	UROL INT	0.556	5.9
26	J CATARACT REFR SURG	1.196	4.4	48	IEEE T BROADCAST	0.488	2.9	56	UROL INT	0.556	5.9
27	J BONE JOINT SURG BR	1.196	4.4	49	IEEE T BROADCAST	0.488	2.9	57	UROL INT	0.556	5.9
28	BRIT J UROL	0.704	5.9	50	IEEE T BROADCAST	0.488	2.9	58	UROL INT	0.556	5.9
29	SURG NEUROL	0.704	5.9	51	IEEE T BROADCAST	0.488	2.9	59	UROL INT	0.556	5.9
30	PEDIATR SURG	0.704	5.9	52	IEEE T BROADCAST	0.488	2.9	60	UROL INT	0.556	5.9
31	LEVIN SURG ONCOL	0.704	5.9	53	IEEE T BROADCAST	0.488	2.9	61	UROL INT	0.556	5.9
32	ACTA NEUROCHIR	0.704	5.9	54	IEEE T BROADCAST	0.488	2.9	62	UROL INT	0.556	5.9
33	EUR SURG RES	0.704	5.9	55	IEEE T BROADCAST	0.488	2.9	63	UROL INT	0.556	5.9
34	HEAD NECK-J SCI SPEC	0.704	5.9	56	IEEE T BROADCAST	0.488	2.9	64	UROL INT	0.556	5.9
35	BRIT J PLAST SURG	0.704	5.9	57	IEEE T BROADCAST	0.488	2.9	65	UROL INT	0.556	5.9
36	OPHTHALMIC SURG	0.704	5.9	58	IEEE T BROADCAST	0.488	2.9	66	UROL INT	0.556	5.9
37	CLIN SURG	0.704	5.9	59	IEEE T BROADCAST	0.488	2.9	67	UROL INT	0.556	5.9
38	THORAC CARDIOV SURG	0.704	5.9	60	IEEE T BROADCAST	0.488	2.9	68	UROL INT	0.556	5.9
39	AM SURGEON	0.704	5.9	61	IEEE T BROADCAST	0.488	2.9	69	UROL INT	0.556	5.9
40	CLEFT PALATE	0.704	5.9	62	IEEE T BROADCAST	0.488	2.9	70	UROL INT	0.556	5.9
41	OTOLARYNG HEAD NECK	0.704	5.9	63	IEEE T BROADCAST	0.488	2.9	71	UROL INT	0.556	5.9
42	ACTA OTO-LARYNG	0.704	5.9	64	IEEE T BROADCAST	0.488	2.9	72	UROL INT	0.556	5.9
43	J SURG ONCOL	0.704	5.9	65	IEEE T BROADCAST	0.488	2.9	73	UROL INT	0.556	5.9
44	ANN PLAS SURG	0.704	5.9	66	IEEE T BROADCAST	0.488	2.9	74	UROL INT	0.556	5.9
45	CAN J SURG	0.704	5.9	67	IEEE T BROADCAST	0.488	2.9	75	UROL INT	0.556	5.9
46	J CARDIOVASC SURG	0.704	5.9	68	IEEE T BROADCAST	0.488	2.9	76	UROL INT	0.556	5.9
47	PEDIATR SURG INT	0.704	5.9	69	IEEE T BROADCAST	0.488	2.9	77	UROL INT	0.556	5.9
48	CLIN NEUROL NEUROSUR	0.299	5.5	70	IEEE T BROADCAST	0.488	2.9	78	UROL INT	0.556	5.9
49	SCAND J THORAC CARD	0.299	5.5	71	IEEE T BROADCAST	0.488	2.9	79	UROL INT	0.556	5.9
50	AUST NZ J SURG	0.299	5.5	72	IEEE T BROADCAST	0.488	2.9	80	UROL INT	0.556	5.9
51	LANGENBECK ARCH CHIR	0.299	5.5	73	IEEE T BROADCAST	0.488	2.9	81	UROL INT	0.556	5.9
52	J CRANIO MAXILL SURG	0.299	5.5	74	IEEE T BROADCAST	0.488	2.9	82	UROL INT	0.556	5.9
53	NEURO-CHIRURGIE	0.299	5.5	75	IEEE T BROADCAST	0.488	2.9	83	UROL INT	0.556	5.9
54	J HAND SURG-AM	0.299	5.5	76	IEEE T BROADCAST	0.488	2.9	84	UROL INT	0.556	5.9
55	SCAND J PLAST RECONS	0.299	5.5	77	IEEE T BROADCAST	0.488	2.9	85	UROL INT	0.556	5.9
56	ACTUEL CHIR	0.299	5.5	78	IEEE T BROADCAST	0.488	2.9	86	UROL INT	0.556	5.9
57	PARAPLEGIA	0.299	5.5	79	IEEE T BROADCAST	0.488	2.9	87	UROL INT	0.556	5.9
58	BURNS	0.299	5.5	80	IEEE T BROADCAST	0.488	2.9	88	UROL INT	0.556	5.9
59	VASCULAR SURG	0.299	5.5	81	IEEE T BROADCAST	0.488	2.9	89	UROL INT	0.556	5.9
60	S AFR J SURG	0.299	5.5	82	IEEE T BROADCAST	0.488	2.9	90	UROL INT	0.556	5.9
61	JPN J SURG	0.299	5.5	83	IEEE T BROADCAST	0.488	2.9	91	UROL INT	0.556	5.9
62	ANN CHIR	0.299	5.5	84	IEEE T BROADCAST	0.488	2.9	92	UROL INT	0.556	5.9
63	ARCH ORTHOP TRAUM SU	0.299	5.5	85	IEEE T BROADCAST	0.488	2.9	93	UROL INT	0.556	5.9
64	ANN CHIR GYNAECOL FE	0.299	5.5	86	IEEE T BROADCAST	0.488	2.9	94	UROL INT	0.556	5.9
65	INJURY	0.299	5.5	87	IEEE T BROADCAST	0.488	2.9	95	UROL INT	0.556	5.9
66	NEUROCHIRURGIA	0.299	5.5	88	IEEE T BROADCAST	0.488	2.9	96	UROL INT	0.556	5.9
67	ZBL CHIR	0.299	5.5	89	IEEE T BROADCAST	0.488	2.9	97	UROL INT	0.556	5.9
68	Z KINDERCHIR	0.299	5.5	90	IEEE T BROADCAST	0.488	2.9	98	UROL INT	0.556	5.9
69	NEUROSURG REV	0.299	5.5	91	IEEE T BROADCAST	0.488	2.9	99	UROL INT	0.556	5.9
70	UNFALLCHIRURG	0.299	5.5	92	IEEE T BROADCAST	0.488	2.9	100	UROL INT	0.556	5.9
71	INT SURG	0.299	5.5	93	IEEE T BROADCAST	0.488	2.9				
72	NETH J SURG	0.299	5.5	94	IEEE T BROADCAST	0.488	2.9				
73	J CHIR-PARIS	0.299	5.5	95	IEEE T BROADCAST	0.488	2.9				
74	ESTHET PLAST SURG	0.299	5.5	96	IEEE T BROADCAST	0.488	2.9				
75	ACTA CHIR BELG	0.299	5.5	97	IEEE T BROADCAST	0.488	2.9				
76	CHIRURGIA-USSR	0.299	5.5	98	IEEE T BROADCAST	0.488	2.9				
77	CHIR PEDIATR	0.299	5.5	99	IEEE T BROADCAST	0.488	2.9				
78	J HAND SURG-BRIT	0.299	5.5	100	IEEE T BROADCAST	0.488	2.9				
79	LYON CHIR	0.299	5.5								
80	REV CHIR ORTHOP	0.299	5.5								
81	REV STOMATOL CHIR	0.299	5.5								
82	VESTIN CHIR IP GREKOV	0.299	5.5								
83	HELV CHIR ACTA	0.299	5.5								
84	ANN CHIR PLAST ESTH	0.299	5.5								
TELECOMMUNICATIONS				UROLOGY & NEPHROLOGY				VENEREAL DISEASES			
1	IEEE T MICROW THEORY	1.120	6.8	1	KIDNEY INT	4.847	4.8	SEE DERMATOLOGY & VENEREAL DISEASES			
2	IEEE PROC-J	0.932	2.5	2	BLOOD PURIFICAT	2.049	2.8	VETERINARY MEDICINE			
3	IEEE T COMMUN	0.922	8.1	3	UROLOGY	1.637	2.8	1	DOMEST ANIM ENDOCRIN	1.395	3.9
4	IEEE J SEL AREA COMM	0.743	3.4	4	AM J KIDNEY DIS	1.571	3.3	2	THIRIOGENDROLOGY	1.346	3.9
5	IEEE T ANTENN PROPAG	0.620	8.0	5	WORLD J UROL	1.553	3.4	3	ANIM GENET	1.067	3.9
				6	NEPHRON	1.507	3.6	4	VEI IMMUNOL IMMUNOP	1.067	3.9
				7	PERITON DIALYSIS INT	1.506	4.9	5	AVIAN PATHOL	1.067	3.9
				8	AM J NEPHROL	1.374	3.9	6	VEI REC	1.067	3.9
				9	CLIN NEPHROL	1.353	3.9	7	ANIM REPROD	1.067	3.9
				10	CENITOURIN MED	1.143	3.0	8	VEI MICROBIOL	1.067	3.9
				11	SEMIN NEPHROL	0.918	3.9	9	AM J VET RES	1.067	3.9
				12	PEDIATR NEPHROL	0.915	3.4	10	J VET PHARMACOL THER	1.067	3.9
				13	NEUROUROL URODYNAM						

SCI JOURNAL CITATION REPORTS
JOURNALS BY CATEGORY - RANKED BY IMPACT FACTOR

RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE	RANK	TITLE	IMPACT FACTOR	CITED HALF-LIFE
(CONTINUED)				(CONTINUED)							
VETERINARY MEDICINE				ZOOLOGY							
86	B ACAD VET FRANCF	0.020		44	J FISH DIS	0.438	5.9				
87	ARCH VET ITAL	0.019		45	J NAT WIST	0.433	9.7				
88	INDIAN J ANIM SCI	0.019	9.4	46	AUST WILDLIFE RES	0.423	10.0				
89	ACTA VET HUNG	0.015	> 10.0	47	S AFR J ZOO	0.417	10.0				
90	INDIAN VET J	0.011	> 10.0	48	J HERPETOL	0.373	10.0				
91	BIOL CHEM ZIVOCISME	0.008		49	MONIT ZOO ITAL	0.368	10.0				
92	ACTA VET-BEOGRAD	0.000		50	VELIGER	0.365	> 10.0				
		0.000		51	AUST J ZOO	0.359	> 10.0				
		0.000		52	INSECT SOC	0.353	> 10.0				
VIRIOLOGY				53	JOO BIOL	0.353	8.2				
1	ADV VIRUS RES	6.125	4.2	54	Z SAUGETIERKO	0.353					
2	J VIROL	4.58	4.1	55	BIJDR DIERKD	0.351	9.1				
3	VIRIOLOGY	4.11	6.6	56	MALACOLOGIA	0.350					
4	J GEN VIROL	1.84	4.2	57	ISRAEL J ZOO	0.346	5.3				
5	ANTIVIR RES	1.83	3.6	58	WILDLIFE SOC B	0.346	> 10.0				
6	MED VIROL	1.704	3.9	59	NAUTILUS	0.346	> 10.0				
7	PROG MED VIROL	1.33	3.8	60	ACTA PROTOZOO	0.344	> 10.0				
8	VIRUS RES	1.807	3.2	61	ZOO JAHNB ALLG ZOO	0.344	> 10.0				
9	ARCH VIROL	1.669	4.7	62	ANN ZOOTECH	0.343	6.1				
10	J VIROL METHODS	1.490	4.7	63	JPN J ICHTHYOL	0.341	> 10.0				
11	EPIDEMIO INFECT	1.092	1.9	64	ZOO ANZ	0.338	> 10.0				
12	INTERVIROLOGY	1.080	7.2	65	B ZOO	0.338	9.9				
13	INFECTION	1.075	4.1	66	AFR J ECOL	0.335	> 10.0				
14	ANN INST PASTEUR VIR	0.948	4.0	67	REV SUISSE ZOO	0.335	> 10.0				
15	B I PASTEUR	0.914	4.0	68	NEMATOTRICA	0.335	> 10.0				
16	ZB BART-INT J MED M	0.805	3.7	69	B J ZOO ACAD SINICA	0.335	> 10.0				
17	VOP VIRUSOL	0.509	4.6	70	MAMMALIA	0.335	> 10.0				
18	ACTA VIROL	0.291	7.9	71	J ETHOL	0.335	> 10.0				
WATER RESOURCES				72	CRUSTACEANA	0.335	> 10.0				
1	WATER RESOUR RES	1.734	6.6	73	NEW ZEAL J ZOO	0.335	8.2				
2	WATER RES	1.238	7.5	74	FOLIA ZOO	0.335	> 10.0				
3	J AM WATER WORKS ASS	1.036	7.8	75	ACTA THERIOL	0.335	> 10.0				
4	J GREAT LAKES RES	0.953	6.1	76	ZOO ZH	0.335	> 10.0				
5	GROUND WATER MONIT R	0.920	6.5	77	JPN J APPL ENTOMOL Z	0.335	> 10.0				
6	J WATER POLLUT CON I	0.906	6.5	78	B SOC ZOO FR	0.335	> 10.0				
7	GROUND WATER	0.783	7.2	79	Z JAGOWISS	0.335	> 10.0				
8	WATER AIR SOIL POLL	0.758	3.7	80	NEMATOTRICA	0.335	> 10.0				
9	WATER RESOUR BULL	0.654	4.9	81	BRIMRYANA	0.335	> 10.0				
10	J HYDROL	0.640	6.1	82	CALIF FISH GAME	0.335	> 10.0				
11	SCHWEIZ Z HYDROL	0.613	9.6	83	P INDIAN AS-ANIM SCI	0.335	0.071				
12	ENVIRON GEOL WATER S	0.593	5.7	84	SCI TECH ANIM LAB	0.335	0.067				
13	J SOIL WATER CONSERV	0.592	5.5	85	ANN SCHADLINGSK PFL	0.335	0.059				
14	IRRIGATION SCI	0.578	5.5	86	FOLIA BIOL-KRAKOW	0.335	0.054				
15	WATER SA	0.563	4.0	87	HERPETOL J	0.335	0.043				
16	WATER SCI TECHNOL	0.472	3.5	88	ANN APPL NEMATOL	0.335	0.036				
17	J WATER RES PL-ASCE	0.449	5.6	89	ACTA ZOO SINICA	0.335	0.024				
18	DESALINATION	0.416	6.4	90	J ADV ZOO	0.335	0.017				
19	J HYDRAUL RES	0.385	7.6	91	ACTA BIOL CRACOV ZOO	0.335	0.000				
20	NORD HYDROL	0.311		92	ACTA ZOO HUNG	0.335	0.000				
21	HYDROLOG SCI J	0.308									
22	HYDROL PROCESS	0.271									
23	WATER ENG MANAG	0.268									
24	Z WASSER ABWASS FOR	0.260									
25	STYGOLOGIA	0.245									
26	STOCH HYDROL HYDRAUL	0.217									
27	ADV WATER RESOUR	0.194									
28	AGR WATER MANAGE	0.103									
29	J IRRIG DRAIN E-ASCE	0.098	> 10.0								
30	J INST WATER ENV MAN	0.086									
WELDING TECHNOLOGY											
SEE METALLURGY & MINING											
ZOOLOGY											
1	SYST ZOO	2.617	> 10.0								
2	BEHAV ECOL SOCIOBIOL	2.170	5.5								
3	WILDLIFE MONOGR	2.000	> 10.0								
4	ANIM BEHAV	1.811	7.4								
5	AM ZOO	1.687	8.9								
6	PHYSIOL ZOO	1.261	6.9								
7	OIKOS	1.227	6.5								
8	FRESHWATER BIOL	1.227	> 10.0								
9	BEHAVIOUR	1.244	> 10.0								
10	J PROTOZOO	1.186	9.3								
11	J EXP ZOO	1.133	> 10.0								
12	AM J PRIMATOL	0.973	4.3								
13	MAMMAL REV	0.963	> 10.0								
14	ACTA ZOO-STOCKHOLM	0.963	> 10.0								
15	ETHOLOGY	0.903	5.8								
16	J COMP PHYSIOL B	0.865	8.7								
17	HERPETOLOGICA	0.829	9.3								
18	J ZOO	0.813	9.3								
19	ENVIRON BIOL FISH	0.778	5.5								
20	J NEMATOL	0.768	9.7								
21	CAN J ZOO	0.758	9.7								
22	J WILDLIFE MANAGE	0.750	> 10.0								
23	ZOO SCI	0.737	3.1								
24	INT J PRIMATOL	0.727	3.2								
25	INT J INVER REP DEV	0.723	> 10.0								
26	J INVERTEBR PATHOL	0.674	6.8								
27	J MOLLUS STUD	0.667									
28	CONCHOL	0.643									
29	ZOO SCR	0.630	8.8								
30	ZOO J LINN SOC-LOND	0.628	10.0								
31	COPEIA	0.625	> 10.0								
32	AM MALACOL BULL	0.609									
33	ANN ZOO TENN	0.585	7.6								
34	J MAMMAL	0.577	> 10.0								
35	NETH J ZOO	0.559	9.1								
36	PRIMATES	0.556	9.2								
37	FOLIA PRIMATOL	0.544	> 10.0								
38	Z ZOO SYST EVOL	0.528	7.3								
39	MAMMAL SCI	0.525									
40	ANN SOC ROY ZOO BEL	0.514	5.8								
41	P HELM SOC WASH	0.462	> 10.0								
42	J MED PRIMATOL	0.456	6.1								
43	J HELMINTHOL	0.455	> 10.0								