

# The Impact Factor and self citation trend of German journals indexed in the JCR (2000-2005)

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## Abstract:

A total number of 432 German journals in 2000 and 427 journals in 2005 listed in the Science Edition of the Journal Citation Reports (JCR) were analysed.

The study showed that the portion of German journals entering material to the JCR data bank in 2005 counted 4%. From a total number of 6,088 journals in the JCR, 427 (7%) were published in Germany. The 6,088 journals in the JCR produced 847,114 articles, 50,276 (6%) appeared in the German journals. Of the 22,353,992 citations in 2005, 861,190 (4%) came from German journals.

Analysis of data showed that there is a correlation between total-citation and Impact Factors of German journals indexed in the JCR. 32.9% of all total-citation by German journals in the JCR in 2005 belong to the 7% of journals with IF > 3, and 67.1% of total-citation belong to 93% of journals with IF < 3.

From a total number of 433 German journals in 2000 indexed in the JCR, 91% of all population has self-citation rate from 1% to 79%, and from all 427 German journals 96% of all population in 2005 has self-citation rate from 1% to 72%.

The study further showed that the self-citation rates of all German journals in 2000 as well as in 2005 stayed at 12%.

The number of total citation and self-citation in 2005 with compare to the same set of journals in 2000 has respectively 26.78% and 22.45% increased.

The mean value of all German journals IFs in 2005 showed 0.31 increase with compare to the mean value of all German journals IFs in the year 2000.

## Introduction:

There are some important indicators for evaluating the journals capacities; among them the Impact Factor has got its place as a general evaluation factor. Journals IF depends directly on 2 elements:

1. The citations that the journal receive in the fiscal year.
2. The articles that published in the 2 previous years.

Although the Impact factor should be used cautious, "I expected that it would be used constructively while recognizing that in the wrong hands it might be abused."<sup>1</sup> But on the whole it is a feasible measurement in the hand of bibliometricians and librarians.

Such indicators make it possible to judge relatively fair about the importance of a journal among other journals in the same field. It may help the librarians and the administrators of libraries in decision to choose journals for their patrons use in the libraries as well as to register the electronic journals to facilitate their patrons' access to information retrieval more effectively and attractively via remote access.

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<sup>1</sup> E. Garfield, Journal Impact Factor: a brief review, JAMC 19 OCT. 1999. Available at: <http://www.ecmaj.com/cgi/reprint/161/8/979>. Last visited date: 14.12.2006.

In spite of some authors' eager tendency in the interdisciplinary fields to publish their works in the journals with high IFs, to get higher prestige among their colleagues at institutes due the reason that their work published in the journals with high IF may receive more citations; There are still many authors in different fields, that they don't have enough information about the IF.

"The Impact Factor was devised by Eugene Garfield, the founder of the Institute for Scientific Information, now part of Thomson, a large worldwide US-based publisher. Impact factors are calculated each year by the Institute for Scientific Information for those journals which it indexes, and the factors and indices are published in Journal Citation Reports. Some related values, also calculated and published by the same organization, are:

- The immediacy index: the average citation number of an article in that year
- The journal cited half-life: the median age of the articles that were cited in Journal Citation Reports each year. For example, if the A journal's half-life in 2005 is 5, that means the citations from 2001-2005 are 50% of all the citations from that journal in 2005.
- The aggregate impact factor for a subject category: it is calculated taking into account the number of citations to all journals in the subject category and the number of articles from all the journals in the subject category."<sup>2</sup>

With an example the calculation of the IF seems easier.

For example the German journal of Endoscopy in 2005 has an IF equalled to 4.072.

It is calculated as the following formula:

Number of article published in 2003= 152 (A)

Number of article published in 2004= 138 (B)

Number of cites in 2005 to articles published in 2003= 661 (C)

Number of cites in 2005 to article published in 2004= 520 (D)

$$IF = \frac{C + D}{A + B} = \frac{661 + 520}{152 + 138} = \frac{1181}{290} = 4.072$$

The self-citation rate specified as the percentage of the journal self-citation from total citation of the journal in the year of under study.

This study endeavours to illustrate and compare the trend of Impact Factor (IF) and self-citation rate of all German journals indexed in the JCR in 2000 and 2005. All journals indicators extracted from the Journal Citation Reports (JCR) science edition.

In order to compare the German journals characters with all journals indexed in the JCR, the whole journals indexed in the JCR was divided into 3 groups:

1. High rank journals, the journals with IF higher than 9.846.
2. Middle rank journals, the journals with IF between 4.352 and 5.
3. Low rank journals, the journals with IF lower than 0.052.

the reason of choosing the journals with IF higher than 9.846 as the first group is that after sorting all journals in the JCR in 2005, the first 100 journals IFs levelled higher than 9.846, and the last 100 journals IFs levelled lower than 0.052. In consequence the second group stayed in the JCR between two other groups.

To show the trend of IFs for German journals, the Impact Factor of all German journals indexed in the JCR throughout 2000-2005 were extracted, and the mean value of IFs was calculated...

Analysis of data showed that there is a correlation between total-citation and IFs of journals, 32.9% of all total-citation in the JCR in 2005 belong to the 7% of journals with IF > 3, and 67.1% of total-citation belong to 93% of journals with IF < 3.

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<sup>2</sup>Wikipedia, the free encyclopedia. [http://en.wikipedia.org/wiki/Impact\\_factor](http://en.wikipedia.org/wiki/Impact_factor)

The study showed that 91% of all German journals indexed in the JCR in 2000 has self-citation rate from 1% to 79%, and 96% of all population in 2005 has self-citation rate from 1% to 72%. From a total of 427 German journals indexed in the JCR in 2005, 89% of all population are published in English or multi-language, and only 11% is published in German-language.

## Findings:

Table1: The portion of German journals entering material in the JCR data base in 2005

All journals in the JCR				German journals in the JCR					
Year	No. of journals	Articles	Citations	No. of journals		Articles		Citations	
2005	6,088	847,114	22,353,992	427	7%	50,276	6%	861,190	4%

As the table indicates, the portion of German journals entering material to the JCR data bank in 2005 counted 4%. From a total number of 6088 journals in the JCR, 427 (7%) were published in Germany. The 6088 journals in the JCR produced 847,114 articles, 50,276 (6%) appeared in the German journals. Of the 22,353,992 citations in 2005, 861,190 (4%) came from German journals.

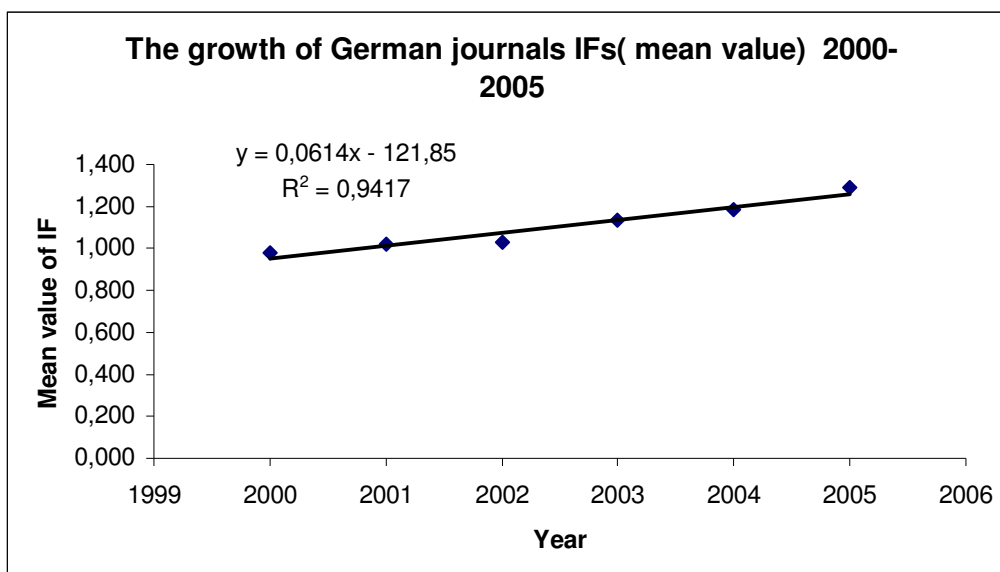


Fig.1: The growth of journals IFs (mean value) for all German journals indexed in the JCR 2000-2005

The graph shows a linear correlation between the mean values of German journals IFs and the year of publication.

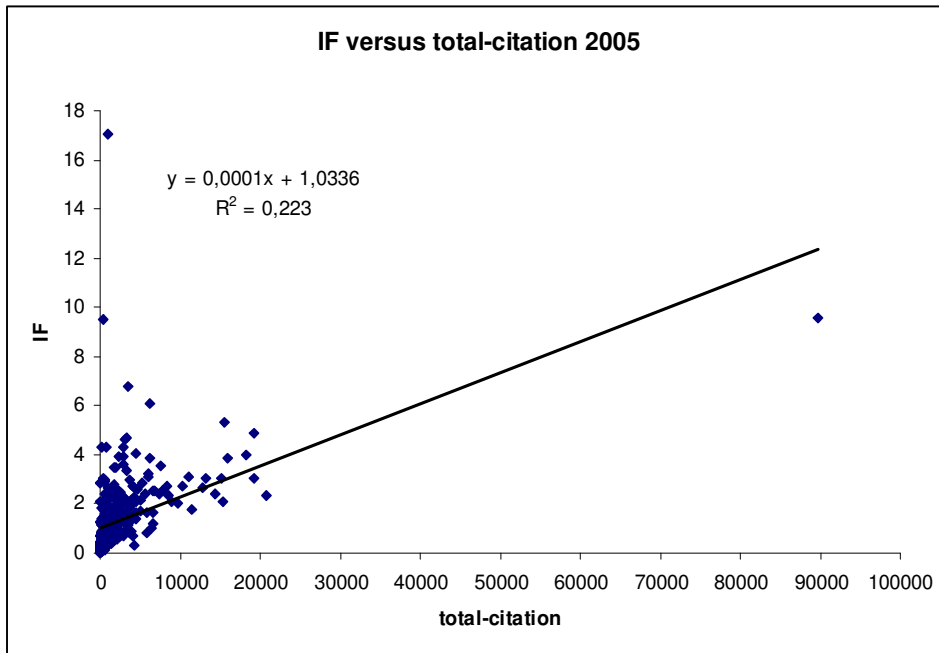


Fig.2 Impact Factor versus total-citation in 427 German journals in 2005 (Pearson's correlation = 0,48)

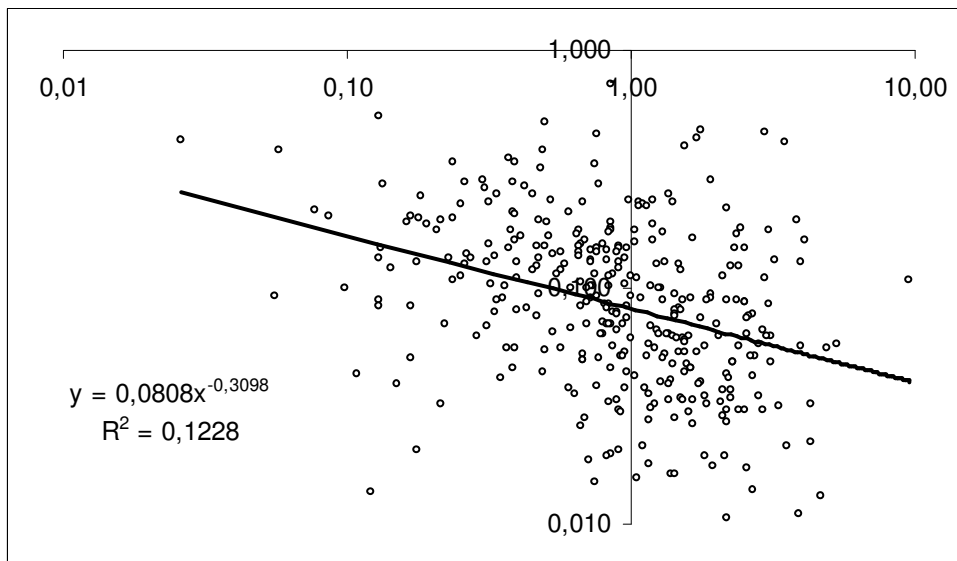


Fig.3: Impact Factor versus self-citation in 345 German journals in 2005

Table 2: self-citation rate of German journals in 2000

Self-citation rate	No. of journals	Percent
0- 5%	97	22.40
5-10%	121	27.94
10-15%	68	15.70
15-20%	62	14.32
20-25%	36	8.31
25-30%	23	5.31
30-35%	6	1.39
35-40%	9	2.08
40-45%	7	1.62

45-50%	0	0.00
>50%	4	0.92
Total	433	100.00

As the table indicates 77.60% of all German journals in 2000 have self-citation rate at or more than 5%, and 19.63% of all population has self-citation rate more than 20%

Table 3: self-citation rate of German journals in 2005

Self-citation rate	No. of journals	Percent
0- 5%	100	23.4
5-10%	134	31.38
10-15%	74	17.33
15-20%	53	12.41
20-25%	23	5.39
25-30%	19	4.45
30-35%	6	1.41
35-40%	6	1.41
40-45%	5	1.17
45-50%	2	0.47
>50%	5	1.17
Total	427	100.00

As the table shows from a total number of 427 German journals indexed in the JCR in 2005, 76.58% of them has at or more than 5% citation to their own and 15.46% of total population has self-citation rate more than 20%.

Table 4: the mean value of self-citation rate and IF of all German journals indexed in the JCR (2000 and 2005)

Year	No. of journals	Mean value of self-citation rate	Mean value of IF
2000	433	12%	0.98
2005	427	12%	1,29

The mean value of self-citation rate in 2000 as well as in 2005 is 12% of all citations. The mean value of all journals IFs in 2005 with compare to the 2000 has 0.31 increased.

Table 5: the mean value of 360 German journals IFs in 2000 and the same set of journals in 2005.

Year	No. of journals	Mean value of self-citation rate	Mean value of IF
2000	360	13%	1.02
2005	360	11%	1,29

As the table illustrates the mean value of IF for German journals in 2005 with compare to the same set of journals in 2000 has 0.27 increased. The self-citation rate of German journals in 2005 shows 2% decrease with compare to the same set of journals in 2000.

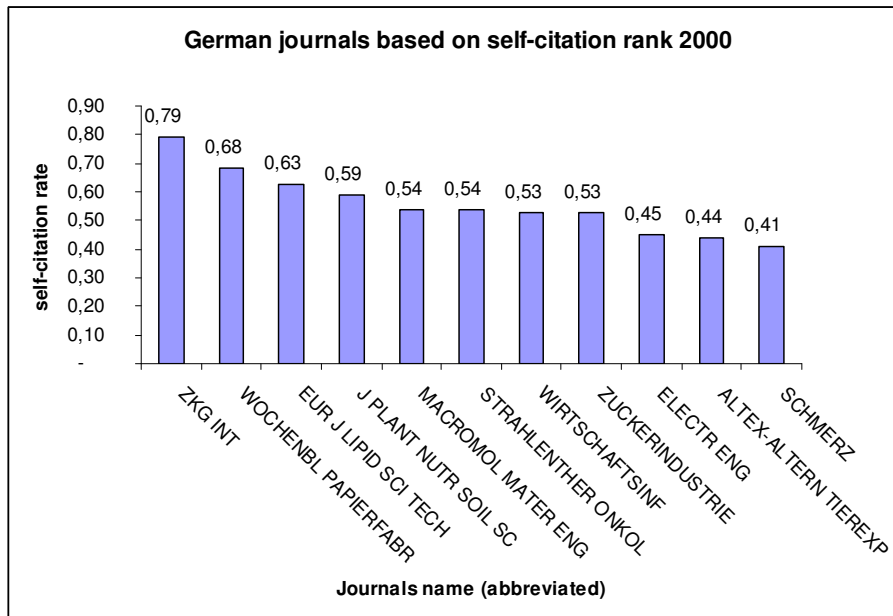


Fig. 4: German journals based on self-citation rank 2000

As the graph shows the journal of ZKG INTERNATIONAL with 79% of self-citation rate get the first rank, followed by WOCHENBLATT FUR PAPIERFABRIKATION and EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY with 68% and 63% of self-citation rate respectively. The table restricted to the eleven high self-citation rank journals (self-citation rate > 40%).

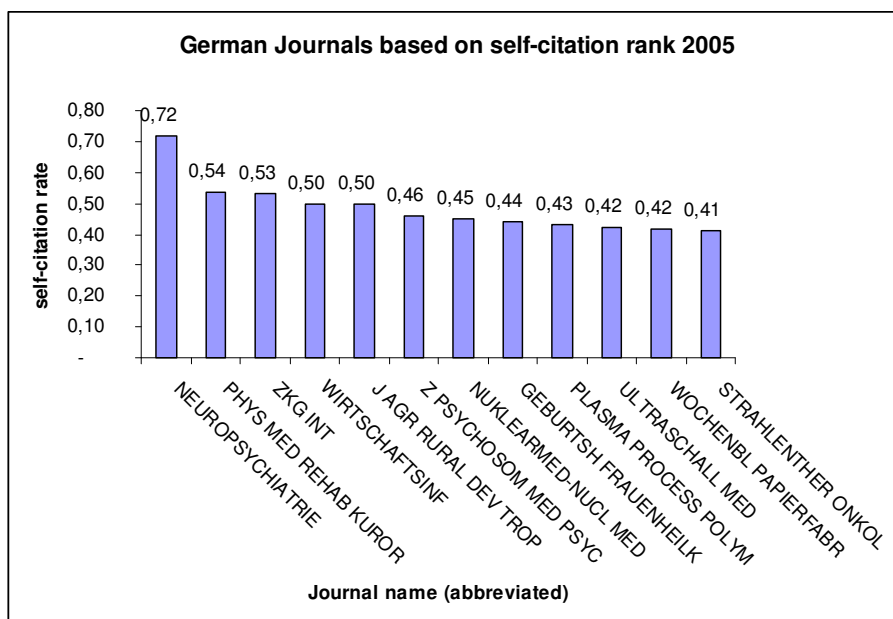


Fig. 5: German journals based on the self-citation rank in 2005

As the graph shows the journal of NEUROPSYCHIATRIE with 72% of self-citation rate get the first rank followed by Physikalische Medizin Rehabilitationsmedizin Kurortmedizin and ZKG International with 54% and 53% of self-citation rate respectively.

The table restricted to the 12 journal with self-citation rate of > 40%.

The comparison of self-citation rate in 2000 and the same set of journals in 2005 (360 journals) showed that the self-citation rate of 32% of all journal has increased and the self-citation rate of 61% of all of them decreased and the self-citation rate of 7% stayed unchanged.

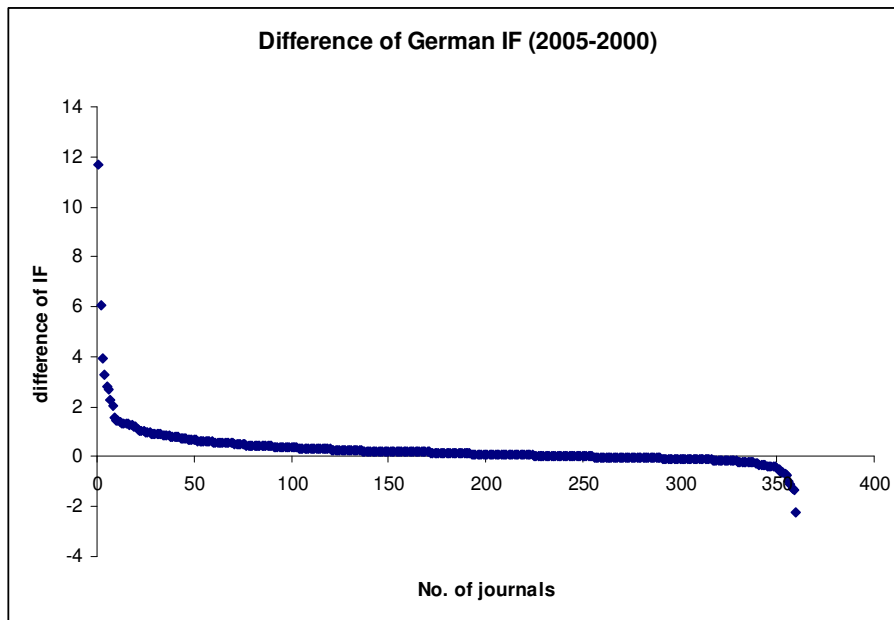


Fig6: Difference of 360 German journals Impact Factors in 2005 with the same set of journals in 2000 in the JCR

As the graph illustrates 70.83% of German journals IF indexed in the JCR shows positive growth in 2005 with compare the same set of journal in 2000. The journal of “Review of Physiology Biochemistry and Pharmacology” shows dramatic increase in the term of IF, its IF increased from 5.389 in 2000 to 17.053 in 2005, and the journal of “European Physical Journal C” shows dramatic decrease throughout the period of study its IF decreased from 5.408 in 2000 to 3.209 in 2005.

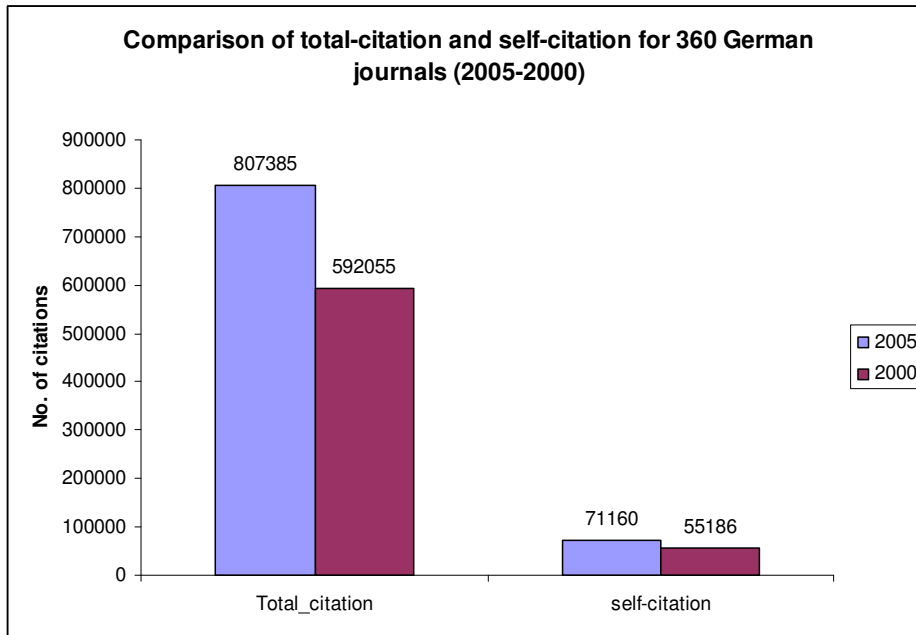


Fig. 7: Comparison of total-citation and self-citation for 360 German journals in 2000 and the same set of journals in 2005 indexed in the JCR.

As the graph shows the number of total citation as well as self-citation for the German journals in 2005 with compare to the same set of journal in 2000 has increased. Total citation in 2005 shows 26.67% growth in compare to the same set of journals in the year 2000, and self-citation shows 22.45% growth.

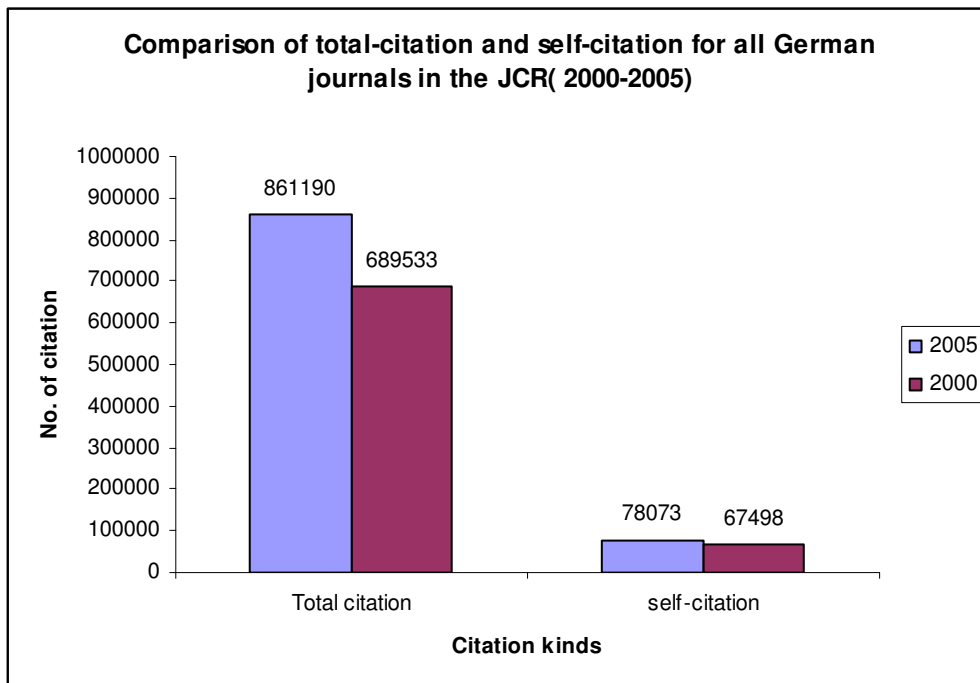


Fig.8: Comparison of total citation and self-citation for all German journals indexed in the JCR 2000-2005.

As the graph shows, the number of total citation in 2005 shows 19.93% increase with compare to the all German journals citation in 2000. The number of self-citation for all German journals in 2005 shows 13.55% increase with compare to the self-citation of journals in 2000.

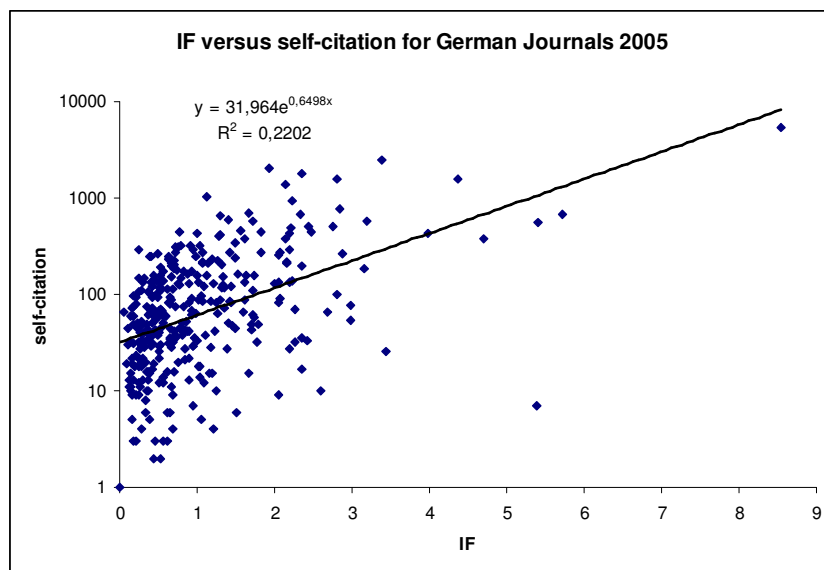


Fig. 9 self-citation versus IF (Pearson's correlation = 0, 57)

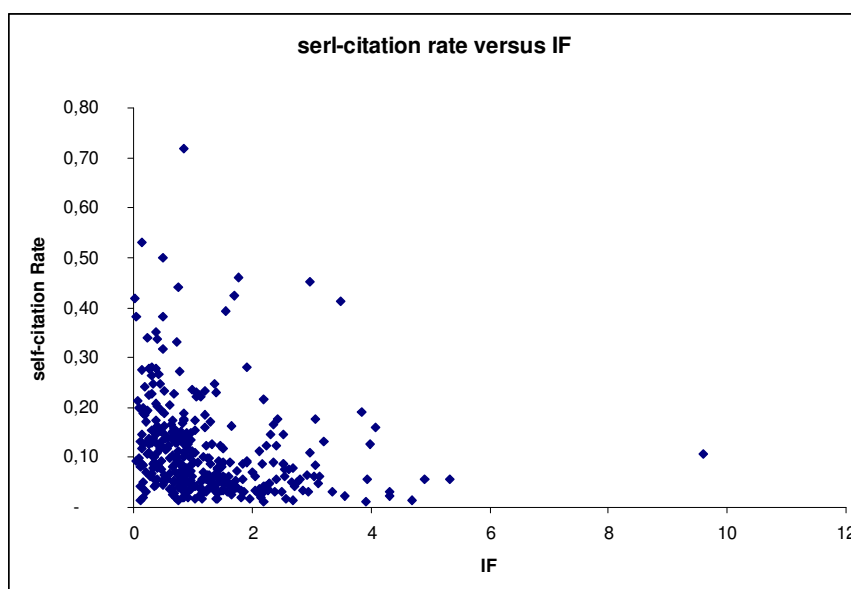


Fig. 10 self-citation rate versus IF ( Pearson r = 0.22)

Table 6: Mean value of journals self-citation rate for 3 groups of journals in the JCR 2005

<b>IF</b>	<b>No. of selected journals</b>	<b>Percent of selected journals in the JCR</b>	<b>Mean value of self-citation rate</b>	<b>No. of total-citations</b>	<b>No. of self-citations</b>	<b>Mean value of total-citation per journal</b>	<b>Mean value of self-citation per journal</b>
IF > 9.846	100	1.64%	2%	3,255,988	75,497	32,559.88	754.97
4.352 < IF > 5	100	1.64%	6%	1,085,570	101,486	10855.70	1014.86
IF < 0.052	100	1.64%	17%	10,613	1,999	106.13	19.99

From all 6,088 number of journals indexed in the JCR in 2005 ascent sorted based on the IF, a total number of 100 journals with highest IF (IF>9.847), 100 journals with middle IF (4.352< IF > 5), and 100 journals with lowest IF (IF<0.052) were chosen in order to compare the total-citation and self-citation behaviours in the JCR.

As the Table indicates, the mean value of self-citation rate among journals with highest IF is 2% and this rate among the journals with lowest IF is 17%, in other words the self-citation rate among the journals with lowest IFs in the JCR is more than 8 times higher than the self-citation rate of journals with highest IFs.

Although the self-citation rate among the journals with highest IFs is 8.5 times lower than the self-citation rate among the journals with lowest IFs, but it should be noticed that mean value of total citation per journal among journals with highest IFs is 307 time higher than the mean value of total-citation per journal among the journal with lowest IFs. And the mean value of self-citation per journals among the first group (the journals with highest IFs) is 38 times higher than the later group (the journals with lowest IFs). Therefore it is remarkable to be noticed when it is discussed about the self-citation rate among the journals with high IFs and as well as with low IFs.

Table 7 the mean value of citations rate for all German journals in the JCR 2005

<b>Impact Factor</b>	<b>No. of German journals In the JCR</b>	<b>Percent</b>	<b>Mean value of self-citation rate</b>	<b>No. of total-citations</b>	<b>No. of self-citations</b>	<b>Mean value of total-citation per journal</b>	<b>Mean value of self-citation per journal</b>
0.000 -17.053	427	100%	12%	861,190	78,073	2016.84	182.84

As the table indicates the German journals IFs levelled between zero to 17.053, the self-citation rate among them is 12% with a mean value of 2016.84 total-citation and 182.84 self-citation per journals in 2005 ( for more details see the appendixes 1 and 2).

The comparison of table 4 with table 5 indicates that the German journals stay between middle rank and high rank groups, in other word the German journals behaviours are higher than middle rank and close to the high rank journals in the JCR.

Table 8: The growth of citations and Mean value of IF by German journals 2000-2005

Year	No. of journal	Total citation	Self-citation	Mean value of IF
2000	432	689,533	67,498	0.98
2005	427	861,190	78,073	1.29
Difference	5	171,657	10,575	0.31

As the table illustrates, total citation in 2005 with compare to the year 2000 shows about 20% increase. The self-citation shows about 14% increase, and the mean value of IF has 0.31 increased.

Table 9: the kind of German journals languages indexed in the JCE in 2005

language	No. of Journal	Percent
English	237	56
German-language	48	11
Multi language	142	33
Total	427	100

As the table illustrates from a total number of 427 German journals indexed in the JCR in 2005, 89% of them are in English or multi language, and only 11% is in German-language.

## Conclusion:

The study showed that the portion of German journals entering material to the JCR data bank in 2005 counted 4%. From a total number of 6,088 journals in the JCR, 427 (7%) were published in Germany. The 6,088 journals in the JCR produced 847,114 articles, 50,276 (6%) appeared in the German journals. Of the 22,353,992 citations in 2005, 861,190 (4%) came from German journals.

Analysis of data showed that there is a correlation between total-citation and Impact Factors of journals among German journals indexed in the JCR, 32.9% of all total-citation of German journals in the JCR in 2005 belong to the 7% of journals with IF > 3, and 67.1% of total-citation belong to 93% of journals with IF < 3.

From a total number of 433 German journals in 2000 indexed in the JCR, 91% of all population has self-citation rate from 1% to 79%, and from all 427 German journals indexed in the JCR 2005, 96% of all population has self-citation rate from 1% to 72%.

Analysis of data showed although the self-citation rates in 2000, and 2005 for all German journals indexed in the JCR stayed at 12% (Table 4), but the number of total citation and self-citation in 2005 with compare to the all German journals in 2000 has respectively about 20% and 14% increased.

As a result the increase of self-citation by German journals caused the parallel increase of total-citation throughout the period of study, consequently the self-citation rates equal in 12% in 2000 as well as in 2005.

The mean value of all German journals IFs in 2005 showed 31% increase with compare to the year 2000. The mean value of 360 German journals in 2005 showed 27% increase with compare to the same set of journals in 2000.

The self-citation rate for all German journals in 2000 and 2005 stayed at 12%, whereas the self-citation rate for 360 German journals in 2000 and the same set of journals in 2005 showed a self-citation rate of 13% and 11% respectively.

From a total number of 427 German journals indexed in the JCR in 2005, 89 % (379 journals) of all population is published in English or multi-language, and only 11% (48 journals) is published in German-language.

The other finding of study is that the self-citation rate among the journals with lowest IFs in the JCR are more than 8 times higher than the self-citation rate of journals with highest IFs.

The self-citation rate among German journals showed close similarity to the finding of McVeigh, M.E. who found that the self-citation rate for all journals indexed in the JCR in 2002 is a portion of 12.41%<sup>3</sup>

## Reference:

1. E. Garfield, Journal Impact Factor: a brief review, JAMC 19 OCT. 1999. Available at: <http://www.ecmaj.com/cgi/reprint/161/8/979>. Last visited date: 14.12.2006.
2. McVeigh, M.E.(2004): Journal self-citation in the Journal Citation Reports – Science edition (2002): A citation study from the Thomson Corporation. The Thomson Corporation. Retrieved October 25, 2006: from <http://www.thomsonscientific.com/media/presentrep/essayspdf/selfcitationsinjcr.pdf>.

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<sup>3</sup> McVeigh, M.E.(2004): Journal self-citation in the Journal Citation Reports – Science edition (2002): A citation study from the Thomson Corporation. The Thomson Corporation. Retrieved October 25, 2006: from <http://www.thomsonscientific.com/media/presentrep/essayspdf/selfcitationsinjcr.pdf>.

3. Wikipedia, the free encyclopedia. [http://en.wikipedia.org/wiki/Impact\\_factor](http://en.wikipedia.org/wiki/Impact_factor).  
 4. ISI web of Knowledge, Journal Citation Reports.  
<http://portal.isiknowledge.com/portal.cgi?DestApp=JCR&Func=Frame>.

Appendix 1: German journals indexed in the JCR based on IFs rank in 2000.

Rank	Journals title (abbreviated)	2000 ISSN	Impact Factor	Total Citation	self-citation	Self_citation Rate
1	ANGEW CHEM INT EDIT	1433-7851	8,547	51380	5432	0,11
2	DIABETOLOGIA	0012-186X	5,721	12119	669	0,06
3	ADV POLYM SCI	0065-3195	5,446	2546	0	-
4	EUR PHYS J C	1434-6044	5,408	3691	556	0,15
5	REV PHYSIOL BIOCH P	0303-4240	5,389	985	7	0,01
6	CHEM-EUR J	0947-6539	4,698	5924	379	0,06
7	THROMB HAEMOSTASIS	0340-6245	4,372	15089	1556	0,10
8	J MOL EVOL	0022-2844	3,984	7671	434	0,06
9	EUR J NUCL MED	0340-6997	3,772	4124	588	0,14
10	MATRIX BIOL	0945-053X	3,664	1492	55	0,04
11	ASTRON ASTROPHYS REV	0935-4956	3,455	320	0	-
12	J MOL MED-JMM	0946-2716	3,445	2062	26	0,01
13	ELECTROPHORESIS	0173-0835	3,385	8647	2454	0,28
14	PLANTA	0032-0935	3,199	10798	577	0,05
15	CHROMOSOMA	0009-5915	3,157	3464	186	0,05
16	DEV GENES EVOL	0949-944X	2,982	733	54	0,07
17	BIOL CHEM	1431-6730	2,978	3863	76	0,02
18	J MEMBRANE BIOL	0022-2631	2,973	5801	352	0,06
19	N-S ARCH PHARMACOL	0028-1298	2,869	5827	264	0,05
20	STRAHLENTHER ONKOL	0179-7158	2,846	1425	764	0,54
21	PSYCHOPHARMACOLOGY	0033-3158	2,804	14124	1592	0,11
22	EUR J CELL BIOL	0171-9335	2,801	4053	99	0,02
23	ASTRON ASTROPHYS	0004-6361	2,79	33773	7691	0,23
24	SYNLETT	0936-5214	2,763	8306	506	0,06
25	PHARMACOPSYCHIATRY	0176-3679	2,681	1426	66	0,05
26	NEUROGENETICS	1364-6745	2,596	191	10	0,05
27	PHARMACEUT RES	0724-8741	2,475	6715	444	0,07
28	MOL GEN GENET	0026-8925	2,462	11469	408	0,04
29	ACTA NEUROPATHOL	0001-6322	2,446	6885	503	0,07
30	IMMUNOBIOLOGY	0171-2985	2,416	1385	33	0,02
31	MACROMOL RAPID COMM	1022-1336	2,359	3294	198	0,06
32	THEOR APPL GENET	0040-5752	2,358	9388	1782	0,19
33	DIFFERENTIATION	0301-4681	2,353	2002	35	0,02
34	PROTIST	1434-4610	2,351	140	17	0,12
35	CONTRIB MINERAL PETR	0010-7999	2,341	7224	668	0,09
36	THEOR CHEM ACC	1432-881X	2,263	778	32	0,04
37	SEX PLANT REPROD	0934-0882	2,26	766	71	0,09
38	OECOLOGIA	0029-8549	2,232	14498	945	0,07
39	EUR J INORG CHEM	1434-1948	2,222	1472	140	0,10
40	PFLUG ARCH EUR J PHY	0031-6768	2,203	9195	484	0,05
41	SYNTHESIS-STUTTGART	0039-7881	2,193	11417	434	0,04
42	CELL TISSUE RES	0302-766X	2,192	7847	288	0,04
43	AQUAT MICROB ECOL	0948-3055	2,19	1011	135	0,13
44	EUR BIOPHYS J BIOPHY	0175-7571	2,188	1092	27	0,02
45	HISTOCHEM CELL BIOL	0948-6143	2,157	1292	209	0,16
46	EUR J ORG CHEM	1434-193X	2,15	1989	217	0,11

47 IMMUNOGENETICS	0093-7711	2,142	3494	372	0,11
48 EXP BRAIN RES	0014-4819	2,137	13656	1390	0,10
49 EUR PHYS J B	1434-6028	2,077	2117	274	0,13
50 EUR J CLIN INVEST	0014-2972	2,071	3952	90	0,02
51 HRC-J HIGH RES CHROM	0935-6304	2,062	2639	194	0,07
52 J NEUROL	0340-5354	2,061	3021	81	0,03
53 SYST APPL MICROBIOL	0723-2020	2,06	2004	135	0,07
54 EUR J NUTR	1436-6207	2,059	77	9	0,12
55 SURG ENDOSC-ULTRAS	0930-2794	2,056	3638	675	0,19
56 ARCH MICROBIOL	0302-8933	2,056	4865	256	0,05
57 ARCH TOXICOL	0340-5761	2,006	2727	131	0,05
58 ACTA POLYM	0323-7648	1,935	1110	0	-
59 MAR ECOL-PROG SER	0171-8630	1,928	14206	2051	0,14
60 PLANTA MED	0032-0943	1,831	3847	275	0,07
61 ENDOSCOPY	0013-726X	1,817	3482	443	0,13
62 J CANCER RES CLIN	0171-5216	1,789	2022	49	0,02
63 LANGENBECK ARCH SURG	1435-2443	1,77	908	32	0,04
64 CLIN CHEM LAB MED	1434-6621	1,744	531	58	0,11
65 EUR J CLIN PHARMACOL	0031-6970	1,729	4069	159	0,04
66 COMMUN MATH PHYS	0010-3616	1,721	8865	568	0,06
67 CHEM VAPOR DEPOS	0948-1907	1,72	352	62	0,18
68 VIRCHOWS ARCH	0945-6317	1,713	1928	109	0,06
69 INT J COLORECTAL DIS	0179-1958	1,707	888	49	0,06
70 HORM METAB RES	0018-5043	1,707	2478	43	0,02
71 MACROMOL CHEM PHYS	1022-1352	1,672	7909	693	0,09
72 MED MICROBIOL IMMUN	0300-8584	1,672	589	15	0,03
73 CLIN NEPHROL	0301-0430	1,638	3177	157	0,05
74 CHROMATOGRAPHIA	0009-5893	1,619	4117	380	0,09
75 EUR PHYS J A	1434-6001	1,613	596	88	0,15
76 INVENT MATH	0020-9910	1,607	4217	133	0,03
77 NEUROPEDIATRICS	0174-304X	1,597	1275	66	0,05
78 DIS AQUAT ORGAN	0177-5103	1,556	1786	462	0,26
79 BER BUNSEN PHYS CHEM	0005-9021	1,531	5051	0	-
80 Z KRISTALLOGR	0044-2968	1,522	2906	163	0,06
81 PROG HISTOCHEM CYTO	0079-6336	1,5	223	6	0,03
82 INT J LEGAL MED	0937-9827	1,497	1244	239	0,19
83 J COMP PHYSIOL A	0340-7594	1,496	3183	348	0,11
84 BASIC RES CARDIOL	0300-8428	1,49	1532	44	0,03
85 ANN HEMATOL	0939-5555	1,448	1344	48	0,04
86 CLIMATE RES	0936-577X	1,443	377	81	0,21
87 EUR J MINERAL	0935-1221	1,43	1393	120	0,09
88 INT J SPORTS MED	0172-4622	1,429	3139	277	0,09
89 EUR PHYS J D	1434-6060	1,421	777	84	0,11
90 FRESEN J ANAL CHEM	0937-0633	1,418	6174	623	0,10
91 EXP CLIN ENDOCR DIAB	0947-7349	1,406	1211	51	0,04
92 EUR J APPL PHYSIOL	1439-6319	1,404	4538	598	0,13
93 QUANT STRUCT-ACT REL	0931-8771	1,397	609	33	0,05
94 EUR ARCH PSY CLIN N	0940-1334	1,385	1238	27	0,02
95 CHEM TECH-LEIPZIG	0045-6519	1,357	216	0	-
96 MACROMOL THEOR SIMUL	1022-1344	1,348	613	117	0,19
97 ARCH DERMATOL RES	0340-3696	1,346	1893	73	0,04
98 EUR J CLIN MICROBIOL	0934-9723	1,337	3379	152	0,04
99 ARCH RATION MECH AN	0003-9527	1,331	2804	124	0,04
100 J COMP PHYSIOL B	0174-1578	1,324	1555	116	0,07
101 BOT ACTA	0932-8629	1,323	896	0	-
102 EUR J PEDIATR	0340-6199	1,318	4050	202	0,05
103 GEOL RUNDSCH	0016-7835	1,316	1245	0	-

104 ANN PHYS-BERLIN	0003-3804	1,315	1308	0	-
105 BIOL FERT SOILS	0178-2762	1,307	2536	420	0,17
106 MINER DEPOSITA	0026-4598	1,303	628	87	0,14
107 MAR BIOL	0025-3162	1,297	9515	664	0,07
108 PLANT CELL REP	0721-7714	1,277	3309	407	0,12
109 MATH PROGRAM	0025-5610	1,268	2617	227	0,09
110 NATURWISSENSCHAFTEN	0028-1042	1,261	3112	64	0,02
111 INFECTION	0300-8126	1,254	1601	83	0,05
112 MATER RES INNOV	1432-8917	1,247	169	14	0,08
113 MICROSYST TECHNOL	0946-7076	1,247	202	10	0,05
114 INT J CLIN PHARM TH	0946-1965	1,222	1194	42	0,04
115 PLANT BIOLOGY	1435-8603	1,215	146	4	0,03
116 NUMER MATH	0029-599X	1,21	2731	128	0,05
117 Z PFLANZ BODENKUNDE	0044-3263	1,207	991	0	-
118 LUNG	0341-2040	1,188	602	15	0,02
119 BIOL CYBERN	0340-1200	1,185	3115	229	0,07
120 J MOL MODEL	0948-5023	1,183	200	13	0,07
121 J SOLID STATE ELECTR	1432-8488	1,182	205	28	0,14
122 Z ERNAHRUNGSWISS	0044-264X	1,179	261	0	-
123 CORAL REEFS	0722-4028	1,173	1186	84	0,07
124 FORTSCHR PHYS	0015-8208	1,162	599	15	0,03
125 COLLOID POLYM SCI	0303-402X	1,132	3069	208	0,07
126 Z ANORG ALLG CHEM	0044-2313	1,123	5947	1021	0,17
127 EUR RADIOL	0938-7994	1,119	1434	155	0,11
128 RADIAT ENVIRON BIOPH	0301-634X	1,11	560	38	0,07
129 J ZOOL SYST EVOL RES	0947-5745	1,089	136	12	0,09
130 CATENA	0341-8162	1,082	983	122	0,12
131 PATHOL RES PRACT	0344-0338	1,075	1948	0	-
132 ARCH HYDROBIOL	0003-9136	1,072	3111	218	0,07
133 POLAR BIOL	0722-4060	1,067	1772	271	0,15
134 COMPUT MECH	0178-7675	1,067	988	214	0,22
135 ETHOLOGY	0179-1613	1,066	1370	86	0,06
136 J MATH BIOL	0303-6812	1,059	1069	96	0,09
137 NEWSL STRATIGR	0078-0421	1,045	150	5	0,03
138 VLDB J	1066-8888	1,037	170	14	0,08
139 PHYS STATUS SOLIDI A	0031-8965	1,035	5841	325	0,06
140 J TRACE ELEM MED BIO	0946-672X	1,032	233	18	0,08
141 PARASITOL RES	0932-0113	1,025	1391	135	0,10
142 PROBAB THEORY REL	0178-8051	1,017	968	89	0,09
143 CLIN NEUROPATHOL	0722-5091	1,012	690	18	0,03
144 ROFO-FORTSCHR RONTG	1438-9029	1,005	1545	426	0,28
145 ARCH GYNECOL OBSTET	0932-0067	1	520	51	0,10
146 ZOOMORPHOLOGY	0720-213X	1	443	33	0,07
147 NEURORADIOLOGY	0028-3940	0,997	2956	157	0,05
148 HOLZFORSCHUNG	0018-3830	0,981	1500	244	0,16
149 LYMPHOLOGY	0024-7766	0,974	352	64	0,18
150 HERZ	0340-9937	0,965	396	36	0,09
151 NUKLEARMED-NUCL MED	0029-5566	0,965	399	0	-
152 J PERINAT MED	0300-5577	0,95	662	29	0,04
153 Z LEBENSM UNTERS F A	1431-4630	0,95	1641	0	-
154 J PLANT PHYSIOL	0176-1617	0,943	3401	289	0,08
155 ACTA HISTOCHEM	0065-1281	0,943	508	29	0,06
156 ZBL NEUROCHIR	0044-4251	0,939	180	7	0,04
157 METHOD INFORM MED	0026-1270	0,929	607	62	0,10
158 INT ARCH OCC ENV HEA	0340-0131	0,928	1755	171	0,10
159 ULTRASCHALL MED	0172-4614	0,925	359	90	0,25
160 ARCH PHARM	0365-6233	0,923	1056	68	0,06

161 GLASTECH BER-GLASS	0946-7475	0,909	539	0	-
162 HEPATO-GASTROENTEROL	0172-6390	0,905	2717	323	0,12
163 ACCREDIT QUAL ASSUR	0949-1775	0,894	233	81	0,35
164 ZOOL ANZ	0044-5231	0,893	708	22	0,03
165 Z GASTROENTEROL	0044-2771	0,887	869	130	0,15
166 ENVIRON SCI POLLUT R	0944-1344	0,887	216	13	0,06
167 FACIES	0172-9179	0,886	326	41	0,13
168 J PRAKT CHEM	1436-9966	0,885	1380	82	0,06
169 FETT-LIPID	0931-5985	0,885	208	0	-
170 Z KARDIOL	0300-5860	0,874	959	163	0,17
171 ANDROLOGIA	0303-4569	0,871	738	41	0,06
172 Z PHYS CHEM	0942-9352	0,861	2223	52	0,02
173 THORAC CARDIOV SURG	0171-6425	0,85	937	43	0,05
174 MULTIMEDIA SYST	0942-4962	0,84	271	21	0,08
175 VISUAL COMPUT	0178-2789	0,838	331	27	0,08
176 THEOR APPL CLIMATOL	0177-798X	0,832	418	74	0,18
177 ANAESTHESIST	0003-2417	0,829	1049	174	0,17
178 EUR J RADIOL	0720-048X	0,822	918	35	0,04
179 EUR J PROTISTOL	0932-4739	0,813	396	38	0,10
180 MINIM INVAS NEUROSUR	0946-7211	0,805	249	50	0,20
181 DEUT MED WOCHENSCHR	0012-0472	0,788	2267	326	0,14
182 RHEOL ACTA	0035-4511	0,787	1388	146	0,11
183 CONTRIB PLASM PHYS	0863-1042	0,785	479	45	0,09
184 PHYTOMEDICINE	0944-7113	0,779	335	44	0,13
185 PLANT BREEDING	0179-9541	0,777	979	126	0,13
186 RADIOCHIM ACTA	0033-8230	0,775	1598	451	0,28
187 ACTA HYDROCH HYDROB	0323-4320	0,757	192	20	0,10
188 HELGOLAND MAR RES	1438-387X	0,75	859	131	0,15
189 PHYS STATUS SOLIDI B	0370-1972	0,746	4754	316	0,07
190 BOT MAR	0006-8055	0,744	1135	180	0,16
191 STOCH HYDROL HYDRAUL	0931-1955	0,739	96	0	-
192 Z RHEUMATOL	0340-1855	0,73	342	37	0,11
193 HNO	0017-6192	0,722	1007	269	0,27
194 CHIRURG	0009-4722	0,721	1709	307	0,18
195 J REINE ANGEW MATH	0075-4102	0,718	2111	75	0,04
196 Z NATURFORSCH C	0939-5075	0,709	1949	201	0,10
197 MYCOSES	0933-7407	0,708	1011	188	0,19
198 FLORA	0367-2530	0,708	692	37	0,05
199 EXP FLUIDS	0723-4864	0,702	1077	222	0,21
200 ACTA INFORM	0001-5903	0,702	518	16	0,03
201 NAHRUNG	0027-769X	0,698	605	41	0,07
202 EUR J FOREST PATHOL	0300-1237	0,696	494	0	-
203 HYDROL EARTH SYST SC	1027-5606	0,691	137	32	0,23
204 EXP TOXICOL PATHOL	0940-2993	0,689	404	32	0,08
205 J PSYCHOPHYSIOL	0269-8803	0,685	250	4	0,02
206 MATH ANN	0025-5831	0,683	3295	115	0,03
207 INT J EARTH SCI	1437-3254	0,683	44	9	0,20
208 BIOPROCESS ENG	0178-515X	0,673	712	159	0,22
209 VITIS	0042-7500	0,672	643	88	0,14
210 ARZNEIMITTEL-FORSCH	0004-4172	0,671	3136	154	0,05
211 CHEM UNSERER ZEIT	0009-2851	0,671	197	28	0,14
212 APPL MATH OPT	0095-4616	0,667	449	11	0,02
213 Z METALLKD	0044-3093	0,664	2321	197	0,08
214 STARCH-STARKE	0038-9056	0,659	1254	214	0,17
215 TRACE ELEM ELECTROLY	0174-7371	0,653	170	31	0,18
216 J VET MED A	0931-184X	0,65	607	45	0,07
217 ANASTH INTENSIVMED	0170-5334	0,647	239	79	0,33

218 EUR ARCH OTO-RHINO-L	0937-4477	0,646	834	35	0,04
219 Z GEOMORPHOL	0372-8854	0,644	803	34	0,04
220 NERVENARZT	0028-2804	0,641	1025	93	0,09
221 THEOR BIOSCI	1431-7613	0,641	51	6	0,12
222 Z NATURFORSCH A	0932-0784	0,638	2556	233	0,09
223 FORTSCHR NEUROL PSYC	0720-4299	0,636	432	83	0,19
224 Z NATURFORSCH B	0932-0776	0,635	3504	246	0,07
225 J ANIM BREED GENET	0931-2668	0,633	290	31	0,11
226 LARYNGO RHINO OTOL	1615-0007	0,621	998	292	0,29
227 J BASIC MICROB	0233-111X	0,613	326	16	0,05
228 NEUES JB MINER ABH	0077-7757	0,612	329	3	0,01
229 STRUCT OPTIMIZATION	0934-4373	0,611	471	0	-
230 THEOR COMPUT SYST	1432-4350	0,61	55	6	0,11
231 RADIOLOGE	0033-832X	0,608	697	114	0,16
232 J VET MED B	0931-1793	0,599	725	60	0,08
233 ZBL BAKT-INT J MED M	0934-8840	0,599	916	14	0,02
234 MILCHWISSENSCHAFT	0026-3788	0,57	1123	137	0,12
235 MATER CORROS	0947-5117	0,569	191	50	0,26
236 J PLANT NUTR SOIL SC	1436-8730	0,567	102	60	0,59
237 AEU-INT J ELECTRON C	1434-8411	0,566	196	14	0,07
238 STOCH ENV RES RISK A	1436-3240	0,565	13	3	0,23
239 CHILD NERV SYST	0256-7040	0,563	1119	176	0,16
240 FORUM MATH	0933-7741	0,563	198	12	0,06
241 RES EXP MED	0300-9130	0,557	397	10	0,03
242 ANASTH INTENSIV NOTF	0939-2661	0,541	410	68	0,17
243 OPHTHALMOLOGE	0941-293X	0,536	515	113	0,22
244 METEOROL ATMOS PHYS	0177-7971	0,536	598	66	0,11
245 HAUTARZT	0017-8470	0,535	1077	192	0,18
246 VET COMP ORTHOPAED	0932-0814	0,534	250	44	0,18
247 APPL ALGEBR ENG COMM	0938-1279	0,531	104	2	0,02
248 Z PFLANZENK PFLANZEN	0340-8159	0,526	564	132	0,23
249 CRYST RES TECHNOL	0232-1300	0,522	793	71	0,09
250 REPROD DOMEST ANIM	0936-6768	0,521	326	30	0,09
251 PEDOBIOLOGIA	0031-4056	0,52	1179	155	0,13
252 INT POLYM PROC	0930-777X	0,514	408	60	0,15
253 ARCH ORTHOP TRAUM SU	0936-8051	0,507	1054	40	0,04
254 PART PART SYST CHAR	0934-0866	0,506	238	22	0,09
255 HYDROGEOL J	1431-2174	0,505	107	29	0,27
256 ARCH APPL MECH	0939-1533	0,505	223	12	0,05
257 KLIN PADIATR	0300-8630	0,503	421	26	0,06
258 MATH Z	0025-5874	0,502	2307	118	0,05
259 SCHMERZ	0932-433X	0,5	164	67	0,41
260 UNFALLCHIRURG	0177-5537	0,496	930	262	0,28
261 PEDIATR SURG INT	0179-0358	0,491	701	104	0,15
262 Z PSYCHOSOM MED PSYC	1438-3608	0,49	179	38	0,21
263 NOVA HEDWIGIA	0029-5035	0,488	802	95	0,12
264 KIELER MILCHW FORSCH	0023-1347	0,48	127	45	0,35
265 J AGRON CROP SCI	0931-2250	0,475	290	41	0,14
266 PHARMAZIE	0031-7144	0,471	1518	138	0,09
267 ANGEW MAKROMOL CHEM	0003-3146	0,469	1320	5	0,00
268 Z SAUGETIERKD	0044-3468	0,467	431	27	0,06
269 BIOMETRICAL J	0323-3847	0,459	382	54	0,14
270 Z GERONTOL GERIATR	0044-281X	0,458	240	50	0,21
271 ZOOL-ANAL COMPLEX SY	0944-2006	0,45	77	0	-
272 ANN ANAT	0940-9602	0,448	356	64	0,18
273 BERL MUNCH TIERARZTL	0005-9366	0,448	484	43	0,09
274 ENG COMPUT-GERMANY	0177-0667	0,448	121	3	0,02

275 Z ORTHOP GRENZGEB	0044-3220	0,446	734	159	0,22
276 ARCH ANIM NUTR	0003-942X	0,446	194	36	0,19
277 J PHYTOPATHOL	0931-1785	0,442	685	67	0,10
278 CHINESE J POLYM SCI	0256-7679	0,442	179	42	0,23
279 EUR FOOD RES TECHNOL	1438-2377	0,438	60	19	0,32
280 BIOMED TECH	0013-5585	0,433	307	60	0,20
281 J GROUP THEORY	1433-5883	0,431	28	2	0,07
282 ENVIRON GEOL	0943-0105	0,427	555	95	0,17
283 ISOT ENVIRON HEALT S	1025-6016	0,426	83	11	0,13
284 J APPL BOT-ANGEW BOT	0949-5460	0,423	102	17	0,17
285 HOLZ ROH WERKST	0018-3768	0,42	419	122	0,29
286 TENSIDE SURFACT DET	0932-3414	0,42	438	65	0,15
287 EUR T TELECOMMUN	1120-3862	0,418	172	16	0,09
288 J ORNITHOL	0021-8375	0,417	448	51	0,11
289 J APPL ENTOMOL	0931-2048	0,417	777	38	0,05
290 DEUT TIERARZTL WOCH	0341-6593	0,416	676	73	0,11
291 ACUSTICA	0001-7884	0,415	892	136	0,15
292 PHYTOCOENOLOGIA	0340-269X	0,414	153	31	0,20
293 DEUT ENTOMOL Z	0012-0073	0,412	134	0	-
294 ASTRON NACHR	0004-6337	0,41	466	29	0,06
295 MICROGRAVITY SCI TEC	0938-0108	0,41	130	0	-
296 OPTIK	0030-4026	0,408	767	69	0,09
297 MATH NACHR	0025-584X	0,408	794	68	0,09
298 Z ANGEW MATH MECH	0044-2267	0,407	983	99	0,10
299 KLIN MONATSBL AUGENH	0023-2165	0,406	1229	244	0,20
300 MACROMOL SYMP	1022-1360	0,406	2464	135	0,05
301 KERNTECHNIK	0932-3902	0,398	135	37	0,27
302 MED KLIN	0723-5003	0,39	593	38	0,06
303 NEUROPSYCHIATRIE	0948-6259	0,387	89	5	0,06
304 CHEM-ING-TECH	0009-286X	0,386	1023	249	0,24
305 CHEM ENG TECHNOL	0930-7516	0,384	431	35	0,08
306 MICROBIOL RES	0944-5013	0,382	178	15	0,08
307 GLASS SCI TECHNOL	0946-7475	0,378	86	9	0,10
308 ARCH GEFLUGELKD	0003-9098	0,374	274	62	0,23
309 PTERIDINES	0933-4807	0,37	77	13	0,17
310 METEOROL Z	0941-2948	0,368	220	16	0,07
311 ARCH FISH MAR RES	0944-1921	0,368	157	10	0,06
312 INT J GAME THEORY	0020-7276	0,365	366	43	0,12
313 ORTHOPADE	0085-4530	0,364	578	106	0,18
314 NEUROSURG REV	0344-5607	0,358	386	10	0,03
315 MATH METHOD OPER RES	1432-2994	0,355	84	16	0,19
316 J ANIM PHYSIOL AN N	0931-2439	0,354	431	49	0,11
317 EUR J PEDIATR SURG	0939-7248	0,35	534	33	0,06
318 ALLERGOLOGIE	0344-5062	0,349	276	75	0,27
319 AGRIBIOL RES	0938-0337	0,348	75	7	0,09
320 SCANNING	0161-0457	0,347	482	43	0,09
321 ZUCHTUNGSKUNDE	0044-5401	0,346	178	40	0,22
322 UROLOGE A	0340-2592	0,333	336	39	0,12
323 ADV ENG MATER	1438-1656	0,333	16	6	0,38
324 ACTA BIOTECHNOL	0138-4988	0,328	215	8	0,04
325 ARCH LEBENSMITTELHYG	0003-925X	0,327	183	20	0,11
326 ARCH MATH LOGIC	0933-5846	0,321	127	25	0,20
327 STEEL RES	0177-4832	0,32	494	89	0,18
328 MANUSCRIPTA MATH	0025-2611	0,319	733	32	0,04
329 PHARM IND	0031-711X	0,314	259	28	0,11
330 SILVAE GENET	0037-5349	0,312	660	148	0,22
331 DEUT LEBENSM-RUNDSCH	0012-0413	0,31	318	32	0,10

332 PAIN CLINIC	0169-1112	0,31	116	11	0,09
333 ZBL CHIR	0044-409X	0,302	846	134	0,16
334 PSYCHOPHARMAKOTHERA P	0944-6877	0,301	67	22	0,33
335 FORSCH KOMP KLAS NAT	1424-7364	0,3	63	13	0,21
336 AKTUEL NEUROL	0302-4350	0,296	125	39	0,31
337 J APPL ICHTHYOL	0175-8659	0,293	289	29	0,10
338 J INFORM REC	1025-6008	0,286	108	21	0,19
339 ANAT HISTOL EMBRYOL	0340-2096	0,285	149	33	0,22
340 EUR T ELECTR POWER	1430-144X	0,28	99	18	0,18
341 J BRAIN RES	0944-8160	0,279	154	14	0,09
342 NEUROL PSYCHIAT BR	0941-9500	0,278	78	4	0,05
343 INTERNIST	0020-9554	0,277	352	53	0,15
344 FRESEN ENVIRON BULL	1018-4619	0,277	308	32	0,10
345 ZUCKERINDUSTRIE	0344-8657	0,276	209	110	0,53
346 SHOCK WAVES	0938-1287	0,276	171	47	0,27
347 NERVENHEILKUNDE	0722-1541	0,276	168	29	0,17
348 STATISTICS	0233-1888	0,267	331	11	0,03
349 FORSTWISS CENTRALBL	0015-8003	0,263	132	21	0,16
350 TIERARZTL UMSCHAU	0049-3864	0,261	414	31	0,07
351 AKTUEL RHEUMATOL	0341-051X	0,26	127	19	0,15
352 KLEINTIERPRAXIS	0023-2076	0,258	221	40	0,18
353 MATH LOGIC QUART	0942-5616	0,256	70	27	0,39
354 NEUES JB MINER MONAT	0028-3649	0,256	377	0	-
355 LECT NOTES ARTIF INT	0302-9743	0,253	1173	295	0,25
356 ARCH HIST EXACT SCI	0003-9519	0,25	101	22	0,22
357 Z GEBURTSH NEONATOL	0948-2393	0,248	76	12	0,16
358 ZBL HYG UMWELTMED	0934-8859	0,244	283	0	-
359 FLEISCHWIRTSCHAFT	0015-363X	0,243	721	146	0,20
360 OR SPEKTRUM	0171-6468	0,24	148	9	0,06
361 SEMIGROUP FORUM	0037-1912	0,239	316	108	0,34
362 ALLG FORST JAGDZTG	0002-5852	0,239	141	32	0,23
363 SOZ PRAVENTIV MED	0303-8408	0,238	170	12	0,07
364 HEAT MASS TRANSFER	0947-7411	0,237	221	18	0,08
365 ABH MATH SEM HAMBURG	0025-5858	0,232	256	0	-
366 KAUT GUMMI KUNSTST	0022-9520	0,231	318	75	0,24
367 TIERARZTL PRAX G N	1434-1220	0,23	30	0	-
368 Z KRIST-NEW CRYST ST	1433-7266	0,229	228	45	0,20
369 GARTENBAUWISSENSCHAF	0016-478X	0,226	273	33	0,12
370 PRAKT TIERARZT	0032-681X	0,223	317	50	0,16
371 PAPIER	0031-1340	0,215	202	2	0,01
372 ERNAHRUNGS-UMSCHAU	0174-0008	0,213	110	23	0,21
373 KUNSTST-PLAST EUR	0945-0084	0,212	387	93	0,24
374 METRIKA	0026-1335	0,212	117	9	0,08
375 GYNAKOLOGE	0017-5994	0,206	191	55	0,29
376 GEBURTSH FRAUENHEILK	0016-5751	0,204	547	80	0,15
377 KLIN NEUROPHYSIOL	1434-0275	0,203	12	3	0,25
378 MATER ORGANISMEN	0025-5270	0,2	137	19	0,14
379 ENDOCYT CELL RES	0256-1514	0,2	57	5	0,09
380 GEFAHRST REINHALT L	0039-0771	0,19	52	18	0,35
381 ANZ SCHADL-J PEST SC	1436-5693	0,186	90	18	0,20
382 WIRTSCHAFTSINF	0937-6429	0,183	93	49	0,53
383 ARCH TIERZUCHT	0003-9438	0,182	171	60	0,35
384 FREQUENZ	0016-1136	0,182	70	13	0,19
385 AKTUEL UROL	0001-7868	0,181	145	31	0,21
386 ENTOMOL GEN	0171-8177	0,179	117	3	0,03
387 MATERIALWISS WERKST	0933-5137	0,179	126	0	-
388 PROPELL EXPLOS PYROT	0721-3115	0,177	244	75	0,31

389	TIERARZTL PRAX K H	1434-1239	0,177	28	8	0,29
390	STAHL EISEN	0340-4803	0,176	347	96	0,28
391	J EXP ANIM SCI	0939-8600	0,171	52	0	-
392	MONATSSCHR BRAUWISS	0723-1520	0,163	71	13	0,18
393	EUR J PLAST SURG	0930-343X	0,159	149	23	0,15
394	HERZ KREISLAUF	0046-7324	0,159	64	18	0,28
395	COMPUTATION STAT	0943-4062	0,159	61	5	0,08
396	ALTEX-ALTERN TIEREXP	0946-7785	0,158	43	19	0,44
397	ACTA MED AUST	0303-8173	0,158	131	9	0,07
398	NONLINEAR PROC GEOPH	1023-5809	0,156	10	0	-
399	ZKG INT	0949-0205	0,154	91	72	0,79
400	MATERIALPRUFUNG	0025-5300	0,154	77	22	0,29
401	NACHR CHEM TECH LAB	0341-5163	0,152	207	0	-
402	BRENNST-WARME-KRAFT	0006-9612	0,149	113	43	0,38
403	CHEM ERDE-GEOCHEM	0009-2819	0,147	155	10	0,06
404	LANDBAUFORSCH VOLK	0458-6859	0,146	77	15	0,19
405	BER LANDWIRTSCH	0005-9080	0,143	84	32	0,38
406	MONATSSCHR KINDERH	0026-9298	0,14	407	59	0,14
407	FORSCH INGENIEURWES	0015-7899	0,138	46	11	0,24
408	MAGNESIUM-B	0172-908X	0,132	126	17	0,13
409	ELECTR ENG	0948-7921	0,13	29	13	0,45
410	PERFUSION-GERMANY	0935-0020	0,13	34	5	0,15
411	STAT PAP	0932-5026	0,121	60	11	0,18
412	AMAZONIANA	0065-6755	0,111	137	30	0,22
413	Z JAGDWISS	0044-2887	0,109	112	44	0,39
414	METALL	0026-0746	0,105	186	26	0,14
415	MATCH-COMMUN MATH CO	0340-6253	0,097	62	9	0,15
416	CFI-CERAM FORUM INT	0173-9913	0,09	130	19	0,15
417	PTB-MITT	0030-834X	0,074	43	0	-
418	NIEREN HOCHDRUCK	0300-5224	0,067	84	14	0,17
419	MED WELT	0025-8512	0,061	228	13	0,06
420	TROPENLANDWIRT	0041-3186	0,056	12	1	0,08
421	PRAKT METALLOGR-PR M	0032-678X	0,056	5	0	-
422	WOCHENBL PAPIERFABR	0043-7131	0,048	97	66	0,68
423	TECH MESS	0171-8096	0,043	51	0	-
424	OIL GAS-EUR MAG	0342-5622	0,019	16	0	-
425	INT REV HYDROBIOL	1434-2944	0,018	3	0	-
426	ATW-INT Z KERNENERG	1431-5254	0,005	4	1	0,25
427	EUR J LIPID SCI TECH	1438-7697		24	15	0,63
428	MACROMOL MATER ENG	1438-7492		13	7	0,54
429	INT J MED MICROBIOL	1438-4221		23	4	0,17
430	CHEMBIOCHEM	1439-4227		8	2	0,25
431	FOREST PATHOL	1437-4781		2	0	-
432	INT J HYG ENVIR HEAL	1438-4639		2	0	-
433	STRUCT MULTIDISCIPO	1615-147X		3	0	-

Appendix 2: German journals indexed in the JCR in 2005 (based on IF rank).

Rank	Journal title (abbreviated) 2005	ISSN	Impact Factor	Total Citation	Self-citation	self-citation Rate
1	REV PHYSIOL BIOCH P	0303-4240	17,053	978	0	-
2	ANGEW CHEM INT EDIT	1433-7851	9,596	89731	9603	0,11
3	ASTRON ASTROPHYS REV	0935-4956	9,5	409	0	-
4	ADV FUNCT MATER	1616-301X	6,77	3406	175	0,05
5	PROTEOMICS	1615-9853	6,088	6219	1089	0,18
6	DIABETOLOGIA	0012-186X	5,337	15496	885	0,06
7	CHEM-EUR J	0947-6539	4,907	19127	1051	0,05
8	J MOL MED-JMM	0946-2716	4,702	3375	44	0,01

9	ADV SYNTH CATAL	1615-4150	4,632	3079	218	0,07
10	ADV POLYM SCI	0065-3195	4,319	2842	63	0,02
11	VLDB J	1066-8888	4,317	755	24	0,03
12	PROG HISTOCHEM CYTO	0079-6336	4,286	167	0	-
13	ENDOSCOPY	0013-726X	4,072	4458	708	0,16
14	PSYCHOPHARMACOLOGY	0033-3158	3,994	18255	2329	0,13
15	CHEMBIOCHEM	1439-4227	3,94	2882	163	0,06
16	DIFFERENTIATION	0301-4681	3,907	2382	26	0,01
17	EUR J NUCL MED MOL I	1619-7070	3,883	6241	557	0,09
18	ELECTROPHORESIS	0173-0835	3,85	15832	3035	0,19
19	CHEMPHYSICHEM	1439-4235	3,607	2882	138	0,05
20	PFLUG ARCH EUR J PHY	0031-6768	3,564	7663	165	0,02
21	ATMOS CHEM PHYS	1680-7324	3,495	1974	497	0,25
22	STRAHLENTHER ONKOL	0179-7158	3,49	1749	721	0,41
23	CHROMOSOMA	0009-5915	3,34	3206	101	0,03
24	EUR PHYS J C	1434-6044	3,209	6011	787	0,13
25	MACROMOL RAPID COMM	1022-1336	3,126	6016	375	0,06
26	PLANTA	0032-0935	3,108	11161	540	0,05
27	THEOR APPL GENET	0040-5752	3,063	13205	2319	0,18
28	THROMB HAEMOSTASIS	0340-6245	3,056	15111	1277	0,08
29	PERSPECT PLANT ECOL	1433-8319	3,053	303	15	0,05
30	OECOLOGIA	0029-8549	3,032	19268	1189	0,06
31	NUKLEARMED-NUCL MED	0029-5566	2,98	605	273	0,45
32	IMMUNOGENETICS	0093-7711	2,976	3686	406	0,11
33	NEUROGENETICS	1364-6745	2,938	398	12	0,03
34	PROTIST	1434-4610	2,918	550	36	0,07
35	PLASMA PROCESS POLYM	1612-8850	2,846	67	29	0,43
36	J NEUROL	0340-5354	2,844	5324	186	0,03
37	BASIC RES CARDIOL	0300-8428	2,806	1691	97	0,06
38	PHARM RES	0724-8741	2,752	10284	529	0,05
39	J MOL EVOL	0022-2844	2,703	8285	350	0,04
40	ANAL BIOANAL CHEM	1618-2642	2,695	3996	353	0,09
41	SYNLETT	0936-5214	2,693	12719	987	0,08
42	EUR J CLIN INVEST	0014-2972	2,684	4199	58	0,01
43	INT J MED MICROBIOL	1438-4221	2,667	1000	51	0,05
44	PHARMACOPSYCHIATRY	0176-3679	2,62	1777	134	0,08
45	BIOL CHEM	1431-6730	2,577	4730	81	0,02
46	DEV GENES EVOL	0949-944X	2,549	1525	96	0,06
47	EUR J ORG CHEM	1434-193X	2,548	7750	579	0,07
48	AQUAT MICROB ECOL	0948-3055	2,531	2358	346	0,15
49	ACTA NEUROPATHOL	0001-6322	2,527	6578	572	0,09
50	EUR J INORG CHEM	1434-1948	2,514	6751	581	0,09
51	J CANCER RES CLIN	0171-5216	2,503	2522	76	0,03
52	EUR RADIOL	0938-7994	2,437	5662	1006	0,18
53	BASIC APPL ECOL	1439-1791	2,407	509	67	0,13
54	SYNTHESIS-STUTTGART	0039-7881	2,401	14322	803	0,06
55	CORAL REEFS	0722-4028	2,398	2042	250	0,12
56	CELL TISSUE RES	0302-766X	2,383	7404	226	0,03
57	CHEM VAPOR DEPOS	0948-1907	2,367	793	132	0,17
58	CONTRIB MINERAL PETR	0010-7999	2,351	8489	751	0,09
59	MAR ECOL-PROG SER	0171-8630	2,315	20834	3051	0,15
60	EUR J CLIN PHARMACOL	0031-6970	2,298	4337	209	0,05
61	SYST APPL MICROBIOL	0723-2020	2,293	2592	126	0,05
62	EUR ARCH PSY CLIN N	0940-1334	2,264	1659	56	0,03
63	EUR J NUTR	1436-6207	2,257	756	28	0,04
64	HISTOCHEM CELL BIOL	0948-6143	2,239	2172	267	0,12
65	VIRCHOWS ARCH	0945-6317	2,224	3167	132	0,04

66	EUR J CELL BIOL	0171-9335	2,195	3062	93	0,03
67	ANN HEMATOL	0939-5555	2,193	2229	96	0,04
68	INT J LEGAL MED	0937-9827	2,192	1256	272	0,22
69	MED MICROBIOL IMMUN	0300-8584	2,185	847	9	0,01
70	THEOR CHEM ACC	1432-881X	2,179	1932	52	0,03
71	PLANT CELL REP	0721-7714	2,173	3879	339	0,09
72	ARCH MICROBIOL	0302-8933	2,135	5139	99	0,02
73	EXP BRAIN RES	0014-4819	2,118	15291	1714	0,11
74	MACROMOL CHEM PHYS	1022-1352	2,111	8894	330	0,04
75	N-S ARCH PHARMACOL	0028-1298	2,098	4416	127	0,03
76	MOL NUTR FOOD RES	1613-4125	2,071	90	12	0,13
77	EUR J CLIN MICROBIOL	0934-9723	2,061	4008	130	0,03
78	HORM METAB RES	0018-5043	2,049	2917	182	0,06
79	ANIM COGN	1435-9448	2,017	399	48	0,12
80	COMMUN MATH PHYS	0010-3616	2,007	9774	681	0,07
81	ADV BIOCHEM ENG BIOT	0724-6145	2	872	26	0,03
82	NATURWISSENSCHAFTEN	0028-1042	1,953	3876	68	0,02
83	CLIN CHEM LAB MED	1434-6621	1,918	2257	210	0,09
84	PLANT BIOLOGY	1435-8603	1,91	983	88	0,09
85	ROFO-FORTSCHR RONTG	1438-9029	1,908	2133	600	0,28
86	MACROMOL BIOSCI	1616-5187	1,891	635	78	0,12
87	INFECTION	0300-8126	1,854	1704	55	0,03
88	J COMP PHYSIOL A	0340-7594	1,838	3756	329	0,09
89	REPROD DOMEST ANIM	0936-6768	1,835	796	45	0,06
90	J SEP SCI	1615-9306	1,829	1273	178	0,14
91	QSAR COMB SCI	1611-020X	1,826	277	43	0,16
92	IMMUNOBIOLOGY	0171-2985	1,812	1356	26	0,02
93	EUR BIOPHYS J BIOPHY	0175-7571	1,811	1585	55	0,03
94	Z PSYCHOSOM MED PSYC	1438-3608	1,771	305	140	0,46
95	INT J CLIN PHARM TH	0946-1965	1,755	1601	64	0,04
96	MAR BIOL	0025-3162	1,754	11409	841	0,07
97	INT J COLORECTAL DIS	0179-1958	1,749	1414	55	0,04
98	EUR PHYS J B	1434-6028	1,72	5036	270	0,05
99	ULTRASCHALL MED	0172-4614	1,708	492	208	0,42
100	J MOL MODEL	1610-2940	1,67	815	23	0,03
101	ARCH TOXICOL	0340-5761	1,663	2849	95	0,03
102	EUR PHYS J A	1434-6001	1,659	2469	399	0,16
103	INVENT MATH	0020-9910	1,652	4438	117	0,03
104	PLANTA MED	0032-0943	1,628	6659	301	0,05
105	ETHOLOGY	0179-1613	1,621	2066	94	0,05
106	EUR J APPL PHYSIOL	1439-6319	1,619	5907	531	0,09
107	J MATH BIOL	0303-6812	1,613	1774	110	0,06
108	ARCH RATION MECH AN	0003-9527	1,591	3335	99	0,03
109	INT J EARTH SCI	1437-3254	1,568	806	38	0,05
110	ZOOMORPHOLOGY	0720-213X	1,561	565	30	0,05
111	OPHTHALMOLOGE	0941-293X	1,559	1118	438	0,39
112	MACROMOL THEOR SIMUL	1022-1344	1,544	995	58	0,06
113	CLIN NEPHROL	0301-0430	1,543	3103	136	0,04
114	J COMP PHYSIOL B	0174-1578	1,539	1903	114	0,06
115	FORTSCHR PHYS	0015-8208	1,519	1160	39	0,03
116	ENVIRON SCI POLLUT R	0944-1344	1,518	620	55	0,09
117	EUR PHYS J D	1434-6060	1,515	2450	150	0,06
118	J VET MED B	0931-1793	1,505	1063	126	0,12
119	MATH PROGRAM	0025-5610	1,497	3008	242	0,08
120	NEURORADIOLOGY	0028-3940	1,488	3612	122	0,03
121	INT J LIFE CYCLE ASS	0948-3349	1,483	443	159	0,36
122	INT ARCH OCC ENV HEA	0340-0131	1,482	2077	170	0,08

123 Z KRISTALLOGR	0044-2968	1,472	2872	154	0,05
124 NONLINEAR PROC GEOPH	1023-5809	1,464	425	53	0,12
125 MINER DEPOSITA	0026-4598	1,454	1059	64	0,06
126 ANN GEOPHYS-GERMANY	0992-7689	1,45	3173	1008	0,32
127 INT J SPORTS MED	0172-4622	1,433	3518	327	0,09
128 RHEOL ACTA	0035-4511	1,432	1794	135	0,08
129 FINANC STOCH	0949-2984	1,429	397	53	0,13
130 NEUROSURG REV	0344-5607	1,425	643	18	0,03
131 MACROMOL MATER ENG	1438-7492	1,421	906	72	0,08
132 INT J HYG ENVIR HEAL	1438-4639	1,421	441	34	0,08
133 ZOOLOGY	0944-2006	1,418	310	5	0,02
134 J EUR MATH SOC	1435-9855	1,414	118	0	-
135 J PLANT PHYSIOL	0176-1617	1,403	3663	175	0,05
136 BIOL CYBERN	0340-1200	1,398	3364	210	0,06
137 LYMPHOLOGY	0024-7766	1,395	360	83	0,23
138 EUR J PEDIATR	0340-6199	1,382	4478	73	0,02
139 NEUROPEDIATRICS	0174-304X	1,377	1434	58	0,04
140 EXP CLIN ENDOCR DIAB	0947-7349	1,367	1385	46	0,03
141 LANGENBECK ARCH SURG	1435-2443	1,367	1080	42	0,04
142 DIS AQUAT ORGAN	0177-5103	1,361	2760	678	0,25
143 CLIMATE RES	0936-577X	1,358	865	55	0,06
144 PHYTOMEDICINE	0944-7113	1,348	1205	76	0,06
145 ARCH HYDROBIOL	0003-9136	1,324	3761	195	0,05
146 CATENA	0341-8162	1,313	1705	216	0,13
147 POLAR BIOL	0722-4060	1,298	2331	400	0,17
148 ADV ENG MATER	1438-1656	1,297	1066	54	0,05
149 THEOR APPL CLIMATOL	0177-798X	1,295	761	67	0,09
150 MICROFLUID NANOFUID	1613-4982	1,286	18	0	-
151 SEX PLANT REPROD	0934-0882	1,278	849	84	0,10
152 ANDROLOGIA	0303-4569	1,277	856	34	0,04
153 J IND MICROBIOL BIOT	1367-5435	1,273	2068	54	0,03
154 COLLOID POLYM SCI	0303-402X	1,263	3684	235	0,06
155 ACTA BIOTECHNOL	0138-4988	1,257	321	0	-
156 EUR J PROTISTOL	0932-4739	1,253	508	50	0,10
157 EUR J MINERAL	0935-1221	1,238	1854	121	0,07
158 PARASITOL RES	0932-0113	1,226	2300	287	0,12
159 LASER PHYS LETT	1612-2011	1,225	155	39	0,25
160 NUMER MATH	0029-599X	1,222	3130	172	0,05
161 ARCH DERMATOL RES	0340-3696	1,219	1928	62	0,03
162 J GEODESY	0949-7714	1,205	605	229	0,38
163 HOLZFORSCHUNG	0018-3830	1,203	1784	283	0,16
164 Z ANORG ALLG CHEM	0044-2313	1,202	6638	1.230	0,19
165 Z KARDIOL	0300-5860	1,194	1203	281	0,23
166 PUBL MATH-PARIS	0073-8301	1,182	690	9	0,01
167 RADIAT ENVIRON BIOPH	0301-634X	1,179	609	42	0,07
168 J ZOOL SYST EVOL RES	0947-5745	1,177	325	10	0,03
169 EUR FOOD RES TECHNOL	1438-2377	1,173	1439	144	0,10
170 Z PHYS CHEM	0942-9352	1,161	1580	43	0,03
171 J SOLID STATE ELECTR	1432-8488	1,158	783	45	0,06
172 ANN PHYS-BERLIN	0003-3804	1,156	2183	39	0,02
173 METEOROL ATMOS PHYS	0177-7971	1,156	758	27	0,04
174 BIOL FERT SOILS	0178-2762	1,143	3526	182	0,05
175 FORSCH KOMP KLAS NAT	1424-7364	1,143	185	41	0,22
176 ARCH PHARM	0365-6233	1,129	1203	45	0,04
177 ORG DIVERS EVOL	1439-6092	1,111	150	13	0,09
178 PROPELL EXPLOS PYROT	0721-3115	1,104	463	104	0,22
179 ACTA INFORM	0001-5903	1,1	656	14	0,02

180 FLORA	0367-2530	1,086	806	72	0,09
181 FACIES	0172-9179	1,069	547	126	0,23
182 EXP FLUIDS	0723-4864	1,062	2227	493	0,22
183 PATHOL RES PRACT	0344-0338	1,049	1738	27	0,02
184 EUR J LIPID SCI TECH	1438-7697	1,045	630	69	0,11
185 PHYS STATUS SOLIDI A	0031-8965	1,041	6429	269	0,04
186 HYDROGEOL J	1431-2174	1,039	570	99	0,17
187 KLIN PADIATR	0300-8630	1,036	527	81	0,15
188 KNEE SURG SPORT TR A	0942-2056	1,018	1282	121	0,09
189 Z NATURFORSCH A	0932-0784	1,007	2192	199	0,09
190 CONTRIB PLASM PHYS	0863-1042	1	731	82	0,11
191 J BASIC MICROB	0233-111X	1	513	31	0,06
192 STRUCT MULTIDISCIPO	1615-147X	0,982	558	131	0,23
193 HELGOLAND MAR RES	1438-387X	0,974	870	38	0,04
194 METHOD INFORM MED	0026-1270	0,97	902	133	0,15
195 J PSYCHOPHYSIOL	0269-8803	0,968	334	28	0,08
196 ACTA HYDROCH HYDROB	0323-4320	0,961	391	29	0,07
197 CHROMATOGRAPHIA	0009-5893	0,959	3391	182	0,05
198 CHILD NERV SYST	0256-7040	0,957	1871	250	0,13
199 J TRACE ELEM MED BIO	0946-672X	0,955	347	13	0,04
200 HERZ	0340-9937	0,952	685	70	0,10
201 EUR J MED RES	0949-2321	0,944	691	24	0,03
202 THORAC CARDIOV SURG	0171-6425	0,935	1022	52	0,05
203 COMPUT MECH	0178-7675	0,933	1342	93	0,07
204 ACTA HISTOCHEM	0065-1281	0,92	583	30	0,05
205 CLIN NEUROPATHOL	0722-5091	0,918	704	21	0,03
206 MACROMOL SYMP	1022-1360	0,913	3909	80	0,02
207 J PLANT NUTR SOIL SC	1436-8730	0,912	728	92	0,13
208 NERVENARZT	0028-2804	0,903	1272	152	0,12
209 J REINE ANGEW MATH	0075-4102	0,902	2601	78	0,03
210 SHOCK WAVES	0938-1287	0,9	330	49	0,15
211 THEOR BIOSCI	1431-7613	0,9	116	17	0,15
212 J PERINAT MED	0300-5577	0,899	980	33	0,03
213 VITIS	0042-7500	0,897	741	105	0,14
214 PROBAB THEORY REL	0178-8051	0,896	1226	94	0,08
215 EUR ARCH OTO-RHINO-L	0937-4477	0,895	1193	93	0,08
216 BIOMED TECH	0013-5585	0,889	363	24	0,07
217 ASTRON NACHR	0004-6337	0,871	971	76	0,08
218 PEDOBIOLOGIA	0031-4056	0,862	1395	157	0,11
219 MICROBIOL RES	0944-5013	0,862	352	20	0,06
220 J INVEST ALLERG CLIN	1018-9068	0,857	493	39	0,08
221 LUNG	0341-2040	0,857	553	11	0,02
222 FOREST PATHOL	1437-4781	0,853	191	34	0,18
223 NEUROPSYCHIATRIE	0948-6259	0,852	100	72	0,72
224 J ORNITHOL	0021-8375	0,85	514	36	0,07
225 ANAESTHESIST	0003-2417	0,849	1006	175	0,17
226 RADIOCHIM ACTA	0033-8230	0,846	1910	361	0,19
227 CHEM ERDE-GEOCHEM	0009-2819	0,846	153	7	0,05
228 Z METALLKD	0044-3093	0,842	2632	183	0,07
229 COMBINATORICA	0209-9683	0,842	878	42	0,05
230 ZBL NEUROCHIR	0044-4251	0,842	228	23	0,10
231 PHLEBOLOGIE	0939-978X	0,838	282	77	0,27
232 J ANIM BREED GENET	0931-2668	0,838	507	56	0,11
233 PHYS STATUS SOLIDI B	0370-1972	0,836	5755	190	0,03
234 CRYST RES TECHNOL	0232-1300	0,833	1306	111	0,08
235 METEOROL Z	0941-2948	0,833	354	60	0,17
236 MATH ANN	0025-5831	0,828	3602	70	0,02

237 INT REV HYDROBIOL	1434-2944	0,828	357	25	0,07
238 BOT MAR	0006-8055	0,825	1371	178	0,13
239 PLANT BREEDING	0179-9541	0,823	1501	123	0,08
240 THEOR COMPUT SYST	1432-4350	0,818	182	26	0,14
241 J APPL BOT-ANGEW BOT	0949-5460	0,812	201	0	-
242 J ANIM PHYSIOL AN N	0931-2439	0,809	428	36	0,08
243 BIOPROC BIOSYST ENG	1615-7591	0,807	169	18	0,11
244 FORTSCHR NEUROL PSYC	0720-4299	0,801	523	80	0,15
245 Z GASTROENTEROL	0044-2771	0,8	879	63	0,07
246 PALAEONTOGR ABT A	0375-0442	0,8	465	13	0,03
247 Z NATURFORSCH B	0932-0776	0,798	3149	199	0,06
248 NAHRUNG	0027-769X	0,794	920	0	-
249 PHYS MED REHAB KUROR	0940-6689	0,783	127	68	0,54
250 EXP TOXICOL PATHOL	0940-2993	0,782	510	32	0,06
251 NEWSL STRATIGR	0078-0421	0,778	197	0	-
252 MULTIMEDIA SYST	0942-4962	0,776	316	16	0,05
253 BIOMETRICAL J	0323-3847	0,768	516	140	0,27
254 MYCOSES	0933-7407	0,765	1314	185	0,14
255 J PHYTOPATHOL	0931-1785	0,761	1027	94	0,09
256 GEBURTSFRAUENHEILK	0016-5751	0,76	582	256	0,44
257 J AGRON CROP SCI	0931-2250	0,759	475	70	0,15
258 NOVA HEDWIGIA	0029-5035	0,756	1107	163	0,15
259 J VET MED A	0931-184X	0,756	762	29	0,04
260 MINIM INVAS NEUROSUR	0946-7211	0,75	541	61	0,11
261 ZOOL ANZ	0044-5231	0,75	939	14	0,01
262 PHYTOCOENOLOGIA	0340-269X	0,741	307	102	0,33
263 CHIRURG	0009-4722	0,729	1444	147	0,10
264 SCANNING	0161-0457	0,726	579	58	0,10
265 HYDROL EARTH SYST SC	1027-5606	0,722	657	59	0,09
266 NEUES JAHRB GEOL P-A	0077-7749	0,721	401	135	0,34
267 RADIOLOGE	0033-832X	0,72	801	114	0,14
268 MICROSYST TECHNOL	0946-7076	0,72	607	78	0,13
269 B EUR ASSOC FISH PAT	0108-0288	0,72	603	49	0,08
270 CHEM UNSERER ZEIT	0009-2851	0,719	169	22	0,13
271 Z GEOMORPHOL	0372-8854	0,716	912	17	0,02
272 STOCH ENV RES RISK A	1436-3240	0,704	116	10	0,09
273 J APPL ENTOMOL	0931-2048	0,703	1095	76	0,07
274 FORSTWISS CENTRALBL	0015-8003	0,7	287	0	-
275 HEPATO-GASTROENTEROL	0172-6390	0,699	4089	403	0,10
276 PART PART SYST CHAR	0934-0866	0,691	380	60	0,16
277 ARZNEIMITTEL-FORSCH	0004-4172	0,687	2919	81	0,03
278 SCHMERZ	0932-433X	0,681	306	70	0,23
279 ARCH ORTHOP TRAUM SU	0936-8051	0,678	1697	84	0,05
280 CHEM ENG TECHNOL	0930-7516	0,678	1088	57	0,05
281 PHARMAZIE	0031-7144	0,677	2161	107	0,05
282 Z RHEUMATOL	0340-1855	0,669	544	45	0,08
283 MATH Z	0025-5874	0,667	2444	63	0,03
284 VISUAL COMPUT	0178-2789	0,667	518	54	0,10
285 ALTEX-ALTERN TIEREXP	0946-7785	0,667	106	16	0,15
286 J APPL BOT FOOD QUAL	1613-9216	0,667	24	5	0,21
287 STARCH-STARKE	0038-9056	0,661	1705	231	0,14
288 Z ORTHOP GRENZGEB	0044-3220	0,66	798	119	0,15
289 ENVIRON GEOL	0943-0105	0,654	1291	181	0,14
290 DEUT MED WOCHENSCHR	0012-0472	0,653	2050	358	0,17
291 UNFALLCHIRURG	0177-5537	0,647	1141	190	0,17
292 EXPO MATH	0723-0869	0,639	170	5	0,03
293 APPL MATH OPT	0095-4616	0,63	482	17	0,04

294 BERL MUNCH TIERARZTL	0005-9366	0,619	654	65	0,10
295 FORUM MATH	0933-7741	0,614	266	18	0,07
296 MAMM BIOL	1616-5047	0,605	127	13	0,10
297 Z NATURFORSCH C	0939-5075	0,602	2092	78	0,04
298 ANASTH INTENSIVMED	0170-5334	0,602	214	44	0,21
299 DEUT LEBENSM-RUNDSCH	0012-0413	0,588	369	46	0,12
300 TENSIDE SURFACT DET	0932-3414	0,566	372	44	0,12
301 OR SPECTRUM	0171-6468	0,566	215	12	0,06
302 J APPL ICHTHYOL	0175-8659	0,563	675	94	0,14
303 LARYNGO RHINO OTOL	0935-8943	0,553	760	102	0,13
304 PEDIATR SURG INT	0179-0358	0,548	1272	145	0,11
305 Z GERONTOL GERIATR	0948-6704	0,543	266	68	0,26
306 HAUTARZT	0017-8470	0,535	1090	150	0,14
307 NEUES JB MINER ABH	0077-7757	0,529	342	22	0,06
308 ACCREDIT QUAL ASSUR	0949-1775	0,519	309	72	0,23
309 SOZ PRAVENTIV MED	0303-8408	0,512	330	54	0,16
310 FRESEN ENVIRON BULL	1018-4619	0,509	650	123	0,19
311 ARCH APPL MECH	0939-1533	0,5	350	19	0,05
312 ORTHOPADE	0085-4530	0,495	853	128	0,15
313 WIRTSCHAFTSINF	0937-6429	0,494	102	51	0,50
314 STATISTICS	0233-1888	0,493	343	15	0,04
315 ARCH TIERZUCHT	0003-9438	0,491	299	114	0,38
316 ARCH MATH LOGIC	1432-0665	0,49	250	41	0,16
317 HNO	0017-6192	0,484	880	280	0,32
318 VET COMP ORTHOPAED	0932-0814	0,473	362	48	0,13
319 J GROUP THEORY	1433-5883	0,472	107	10	0,09
320 UROLOGE	1433-0563	0,471	518	97	0,19
321 MATER CORROS	0947-5117	0,471	373	72	0,19
322 EUR J PEDIATR SURG	0939-7248	0,469	834	103	0,12
323 ACTA ACUST UNITED AC	1610-1928	0,467	1168	227	0,19
324 INT POLYM PROC	0930-777X	0,466	499	75	0,15
325 MATH NACHR	0025-584X	0,465	834	63	0,08
326 STEEL RES INT	1611-3683	0,465	104	16	0,15
327 EUR J HORTIC SCI	1611-4426	0,456	37	4	0,11
328 ANASTH INTENSIV NOTF	0939-2661	0,455	409	101	0,25
329 METRIKA	0026-1335	0,451	222	26	0,12
330 ADV GEOM	1615-715X	0,447	81	6	0,07
331 PALAEONTOGR ABT B	0375-0299	0,429	507	87	0,17
332 ANN ANAT	0940-9602	0,427	420	34	0,08
333 PRAKT METALLOGR-PR M	0032-678X	0,422	105	28	0,27
334 Z JAGDWISS	0044-2887	0,414	111	0	-
335 KLIN MONATSBL AUGENH	0023-2165	0,412	1176	193	0,16
336 TRACE ELEM ELECTROLY	0946-2104	0,404	189	46	0,24
337 LIMNOLOGICA	0075-9511	0,403	258	12	0,05
338 OPTIK	0030-4026	0,395	751	60	0,08
339 PTERIDINES	0933-4807	0,395	83	9	0,11
340 MILCHWISSENSCHAFT	0026-3788	0,394	1264	160	0,13
341 CHEM-ING-TECH	0009-286X	0,392	900	141	0,16
342 HOLZ ROH WERKST	0018-3768	0,39	602	122	0,20
343 NERVENHEILKUNDE	0722-1541	0,39	178	60	0,34
344 APPL ALGEBR ENG COMM	0938-1279	0,389	162	9	0,06
345 MATH LOGIC QUART	0942-5616	0,386	154	43	0,28
346 MANUSCRIPTA MATH	0025-2611	0,384	859	39	0,05
347 SEMIGROUP FORUM	0037-1912	0,383	353	73	0,21
348 KERNTECHNIK	0932-3902	0,378	120	21	0,18
349 J CONVEX ANAL	0944-6532	0,377	166	11	0,07
350 ANAT HISTOL EMBRYOL	0340-2096	0,372	366	53	0,14

351 ALLERGOLOGIE	0344-5062	0,369	202	71	0,35
352 IONICS	0947-7047	0,369	222	20	0,09
353 MED KLIN	0723-5003	0,365	472	26	0,06
354 ARCH FISH MAR RES	0944-1921	0,361	162	0	-
355 INTERNIST	0020-9554	0,359	319	32	0,10
356 J PEST SCI	1612-4758	0,359	24	5	0,21
357 MICROGRAVITY SCI TEC	0938-0108	0,359	140	0	-
358 DEUT TIERARZTL WOCH	0341-6593	0,356	691	62	0,09
359 ZAMM-Z ANGEW MATH ME	0044-2267	0,351	1033	43	0,04
360 ACTA MED AUST	0303-8173	0,346	165	0	-
361 SILVAE GENET	0037-5349	0,34	764	189	0,25
362 Z ANAL ANWEND	0232-2064	0,34	197	17	0,09
363 AEU-INT J ELECTRON C	1434-8411	0,339	216	19	0,09
364 ARCH HIST EXACT SCI	0003-9519	0,333	154	21	0,14
365 ZBL CHIR	0044-409X	0,331	665	52	0,08
366 TIERAERZTL PRAX	0303-6286	0,321	602	159	0,26
367 AKTUEL UROL	0001-7868	0,32	98	10	0,10
368 J LIE THEORY	0949-5932	0,319	92	8	0,09
369 ALLG FORST JAGDZTG	0002-5852	0,317	150	23	0,15
370 BER LANDWIRTSCH	0005-9080	0,316	66	15	0,23
371 Z KRIST-NEW CRYST ST	1433-7266	0,312	587	75	0,13
372 STAT PAP	0932-5026	0,311	117	8	0,07
373 NEUES JAHRB GEOL P-M	0028-3630	0,308	136	12	0,09
374 ERNAHRUNGS-UMSCHAU	0174-0008	0,304	118	31	0,26
375 ANZ SCHADL-J PEST SC	1436-5693	0,303	113	0	-
376 LECT NOTES ARTIF INT	0302-9743	0,302	4284	1207	0,28
377 EUR J WILDLIFE RES	1612-4642	0,3	15	3	0,20
378 PFERDEHEILKUNDE	0177-7726	0,294	264	76	0,29
379 COMPUTATION STAT	0943-4062	0,286	130	8	0,06
380 NEUES JB MINER MONAT	0028-3649	0,276	568	0	-
381 ARCH GEFLUGELKD	0003-9098	0,273	310	41	0,13
382 KGK-KAUT GUMMI KUNST	0948-3276	0,267	393	74	0,19
383 MATERIALWISS WERKST	0933-5137	0,264	255	35	0,14
384 DEUT ENTOMOL Z	0012-0073	0,263	220	0	-
385 PSYCHOPHARMAKOTHERA P	0944-6877	0,262	47	13	0,28
386 MATH METHOD OPER RES	1432-2994	0,259	232	29	0,13
387 SPORTVERLETZ SPORTSC	0932-0555	0,255	118	22	0,19
388 HEAT MASS TRANSFER	0947-7411	0,253	434	48	0,11
389 AKTUEL NEUROL	0302-4350	0,253	143	32	0,22
390 ZUCHTUNGSKUNDE	0044-5401	0,238	165	32	0,19
391 TM-TECH MESS	0171-8096	0,236	112	38	0,34
392 DEUT Z SPORTMED	0344-5925	0,236	120	32	0,27
393 AMAZONIANA	0065-6755	0,235	188	20	0,11
394 NACHR CHEM	1439-9598	0,227	85	23	0,27
395 LANDBAUFORSCH VOLK	0458-6859	0,227	90	12	0,13
396 ARCH LEBENSMITTELHYG	0003-925X	0,222	157	11	0,07
397 TIERAERZTL UMSCHAU	0049-3864	0,216	349	67	0,19
398 J EXP ANIM SCI	0939-8600	0,214	62	2	0,03
399 MONATSSCHR KINDERH	0026-9298	0,208	383	66	0,17
400 EUR T TELECOMMUN	1124-318X	0,202	451	3	0,01
401 AKTUEL RHEUMATOL	0341-051X	0,192	92	17	0,18
402 ZUCKERINDUSTRIE	0344-8657	0,182	219	53	0,24
403 KLEINTIERPRAXIS	0023-2076	0,179	190	37	0,19
404 Z PFLANZENK PFLANZEN	0340-8159	0,176	464	59	0,13
405 ENG COMPUT-GERMANY	0177-0667	0,176	196	4	0,02
406 PHARM IND	0031-711X	0,169	256	51	0,20
407 INT J GAME THEORY	0020-7276	0,169	519	43	0,08

408 ENTOMOL GEN	0171-8177	0,167	161	8	0,05
409 ELECTR ENG	0948-7921	0,162	53	10	0,19
410 ABH MATH SEM HAMBURG	0025-5858	0,15	281	11	0,04
411 STAHL EISEN	0340-4803	0,142	218	26	0,12
412 MATERIALPRUFUNG	0025-5300	0,134	84	23	0,27
413 PRAKT TIERARZT	0032-681X	0,131	225	33	0,15
414 ZKG INT	0949-0205	0,13	83	44	0,53
415 OIL GAS-EUR MAG	0342-5622	0,13	34	3	0,09
416 FLEISCHWIRTSCHAFT	0015-363X	0,129	501	66	0,13
417 NEUROL PSYCHIAT BR	0941-9500	0,129	97	8	0,08
418 FREQUENZ	0016-1136	0,121	73	1	0,01
419 CFI-CERAM FORUM INT	0173-9913	0,108	93	4	0,04
420 FORSCH INGENIEURWES	0015-7899	0,098	61	6	0,10
421 KLIN NEUROPHYSIOL	1434-0275	0,087	20	4	0,20
422 KUNSTST-PLAST EUR	0945-0084	0,077	287	61	0,21
423 J AGR RURAL DEV TROP	1612-9830	0,065	2	1	0,50
424 ATW-INT J NUCL POWER	1431-5254	0,058	21	8	0,38
425 EUR T ELECTR POWER	1430-144X	0,056	98	9	0,09
426 WOCHENBL PAPIERFABR	0043-7131	0,026	74	31	0,42
427 SMALL	1613-6810		214	22	0,10