

全球知名学者及 ESI 前 5%的期刊排名分析报告

——基于WOS (SCI、ESI、JCR、Incites) 平台

本分析报告仅仅是基于WOS平台的相关数据库，从文献引证的角度进行的全球知名学者及ESI前5%的期刊排名分析，其他方式的论证和排名不涵盖在此报告中。

1 相关学科的学者排名分析统计

通过 SCI、ESI、INCITES 数据库论文的总被引频次的排序检索到全球范围内的在 SCI 数据库中的学者发文相关信息，鉴于作者姓名的重名现象及 2008 年以前 SCI 数据库中作者姓名的拼写情况尤其是中国作者的拼写会存在大量的重名，因此本次统计全球学者信息我们选用 2008-2015.3 月这一时间段的数据，按照 ESI 学科分类体系，根据需求统计出材料学科、地球学科、化学学科、工程学科、计算机学科以及经济与商业学科的学者排名情况，在附件 1-6 中给出了各学科总被引频次排名在前 100 名的学者相关信息，在表 1-6 中列出排名在前 20 名的学者信息。

表 1: 材料学科全球排名前 20 名的学者情况统计

排名	学者姓名	机构名称	发文量	学科规范化引文影响力	总被引频次	论文被引百分比
1	Yang, Yang	University of California Los Angeles	73	13.34	6790	99
2	Krebs, Frederik C.	Technical University of Denmark	111	6.22	6789	90
3	Cheng, Hui-Ming	Chinese Academy of Sciences	71	9.29	6509	97
4	Ruoff, Rodney S.	University of Texas Austin	44	8.56	6409	95
5	Kaner, Richard B.	University of California Los Angeles	36	16.12	6318	94
6	Wallace, Gordon G.	University of Wollongong	94	6.45	6100	90
7	Gogotsi, Yury	Drexel University	80	6.08	5906	94
8	Gogotsi, Yury	University of Pennsylvania	77	5.94	5859	94
9	Jiang, Lei	Chinese Academy of Sciences	229	3.62	5550	91
10	Coleman, Jonathan N.	Trinity College Dublin	43	12.89	5512	93
11	Graetzel, Michael	Ecole Polytechnique Federale de Lausanne	109	7.82	5510	93

12	Brabec, Christoph J.	n/a	66	6.12	5486	92
13	Antonietti, Markus	Max Planck Society	83	5.9	5199	90
14	Muellen, Klaus	Max Planck Society	124	5.09	5074	94
15	Bando, Yoshio	National Institute of Materials Science (NIMS) - Japan	130	4.06	5022	92
16	Zhang, Hua	Nanyang Technological University	100	7.23	4879	96
17	Wang, Zhong Lin	Georgia Institute of Technology	166	4.63	4847	89
18	Cui, YI	Stanford University	46	14.16	4757	98
19	Rogers, John A.	University of Illinois Urbana-Champaign	110	5.73	4641	95
20	Lou, Xiong Wen (David)	Nanyang Technological University	50	17.23	4637	94

表 2: 地球学科全球排名前 20 名的学者情况统计

排名	学者姓名	机构名称	发文量	学科规范化引文影响力	总被引频次	论文被引百分比
1	Jimenez, J. L.	University of Colorado Boulder	110	5.01	6234	92
2	Santosh, M.	Kochi University	259	3.44	5550	94
3	Kulmala, M.	University of Helsinki	197	3.02	5508	92
4	Zhao, Guochun	University of Hong Kong	125	6.11	4738	83
5	Baltensperger, U.	Paul Scherrer Institute	115	3.58	4315	87
6	Sun, Min	University of Hong Kong	113	4.39	4232	88
7	Worsnop, D. R.	n/a	83	4.71	3781	92
8	Prevot, A. S. H.	Paul Scherrer Institute	95	3.82	3776	85
9	Meehl, Gerald A.	National Center Atmospheric Research (NCAR) - USA	53	9.93	3717	96
10	Wilde, Simon A.	Curtin University of Technology	115	3.09	3316	91
11	Seinfeld, J. H.	California Institute of Technology	81	3.82	3292	95
12	Damste, Jaap S. Sinninghe	n/a	151	2.6	3279	87
13	Wiedensohler, A.	n/a	128	3.2	3237	93
14	Ciais, Philippe	Centre National de la	61	6.11	3210	90

		Recherche Scientifique (CNRS)				
15	Bard, E.	College de France	22	6.22	3171	82
15	Bard, E.	Centre National de la Recherche Scientifique (CNRS)	22	6.22	3171	82
17	Edwards, R. L.	University of Minnesota Twin Cities	31	5.66	3160	58
18	Gao, Shan	China University of Geosciences - Wuhan	88	3.35	3148	83
19	Ciais, Philippe	CEA	60	6.05	3145	90
19	Ciais, Philippe	University of Versailles Saint-Quentin-En-Yvelines	60	6.05	3145	90

表 3: 化学学科全球排名前 20 名的学者情况统计

排名	学者姓名	机构名称	发文量	学科规范化引文影响力	总被引频次	论文被引百分比
1	Sheldrick, George M.	University of Gottingen	20	126.32	40827	90
2	Graetzel, Michael	Ecole Polytechnique Federale de Lausanne	220	9.72	17132	92
3	Long, Jeffrey R.	University of California Berkeley	171	8.35	12819	58
3	Long, Jeffrey R.	Lawrence Berkeley National Laboratory	171	8.35	12819	58
5	Yaghi, Omar M.	University of California Los Angeles	90	10	12650	63
6	Ruoff, Rodney S.	University of Texas Austin	94	9.9	10852	89
7	Beller, Matthias	University of Rostock	342	3.23	10807	92
8	Truhlar, Donald G.	University of Minnesota Twin Cities	179	4.14	10729	80
9	Hupp, Joseph T.	Northwestern University	165	5.4	10242	70
10	Muellen, Klaus	Max Planck Society	353	2.98	10180	84
11	Xia, Younan	Washington University (WUSTL)	131	4.8	9961	83
12	Zhou, Hong-Cai	Texas A&M University College Station	128	7.45	9663	68
13	Yu, Jin-Quan	Scripps Research Institute	113	8.42	9477	84
14	Matyjaszewski,	Carnegie Mellon	432	1.82	9243	60

	Krzysztof	University				
15	Buchwald, Stephen L.	Massachusetts Institute of Technology (MIT)	163	5.45	9184	81
16	Yoon, Juyoung	Ewha Womans University	136	4.75	9038	90
17	Cheng, Hui-Ming	Chinese Academy of Sciences	101	7.96	8705	89
18	Glorius, Frank	University of Munster	135	6.94	8225	94
19	Dai, Hongjie	Stanford University	75	10.33	8189	79
20	Sun, Licheng	Royal Institute of Technology	172	3.36	7724	87

表 4: 工程学科全球排名前 20 名的学者情况统计

排名	学者姓名	机构名称	发文量	学科规范化引文影响力	总被引频次	论文被引百分比
1	Gao, Huijun	Harbin Institute of Technology	188	6.66	6031	84
2	Shi, Peng	University of Glamorgan	187	6.26	6027	96
3	Wang, Zidong	Brunel University	153	6.07	5223	89
4	Shi, Peng	Victoria University	162	6.05	4910	94
5	Rodriguez, Jose	Universidad Tecnica Federico Santa Maria	79	8.22	4284	78
6	Hameed, B. H.	Universiti Sains Malaysia	99	4.9	4281	88
7	Chen, Guanrong	City University of Hong Kong	108	5.89	3490	85
8	Green, Martin A.	University of New South Wales	24	48.21	3200	92
9	Warta, Wilhelm	Fraunhofer Gesellschaft	39	29.16	3195	90
10	Emery, Keith	National Renewable Energy Laboratory - USA	17	64.87	3172	94
11	Hishikawa, Yoshihiro	National Institute of Advanced Industrial Science & Technology (AIST)	16	68.18	3077	94
12	Lam, James	University of Hong Kong	120	4.05	3062	89
13	Ding, Feng	Jiangnan University	76	12.6	3026	86
14	Wu, Ligang	Harbin Institute of Technology	69	8.01	2607	84
15	Ma, YI	University of Illinois Urbana-Champaign	14	28.02	2580	86
16	Blaabjerg, Frede	Aalborg University	143	5.07	2553	76
17	Demirbas, Ayhan	n/a	22	9.43	2480	100
18	Soylak, Mustafa	Erciyes University	52	4.93	2413	100

19	Tuzen, Mustafa	Gaziosmanpasa University	38	6.01	2158	100
20	Cao, Jinde	Southeast University - China	95	3.66	2151	77

表 5: 计算机科学全球排名前 20 名的学者情况统计

排名	学者姓名	机构名称	发文量	学科规范化引 文影响力	总被引 频次	论文被引百 分比
1	Durbin, Richard	Wellcome Trust Sanger Institute	6	150.63	8289	100
2	Li, Heng	Wellcome Trust Sanger Institute	4	211.23	7953	100
3	Andrews, Jeffrey G.	University of Texas Austin	101	8.25	4013	81
4	Abecasis, Goncalo	University of Michigan	2	212.23	3898	100
5	Homer, Nils	University of California Los Angeles	5	80.59	3846	80
6	Fennell, Tim	Harvard University	2	187.51	3620	100
6	Fennell, Tim	Massachusetts Institute of Technology (MIT)	2	187.51	3620	100
6	Fennell, Tim	Broad Institute	2	187.51	3620	100
9	Ruan, Jue	Chinese Academy of Sciences	3	125.14	3612	100
10	Marth, Gabor	Boston College	2	188.19	3607	100
11	Handsaker, Bob	Harvard University	1	371.11	3598	100
11	Handsaker, Bob	Massachusetts Institute of Technology (MIT)	1	371.11	3598	100
11	Handsaker, Bob	Broad Institute	1	371.11	3598	100
11	Wysoker, Alec	Harvard University	1	371.11	3598	100
11	Wysoker, Alec	Massachusetts Institute of Technology (MIT)	1	371.11	3598	100
11	Wysoker, Alec	Broad Institute	1	371.11	3598	100
17	Rozas, J.	University of Barcelona	2	183.95	3544	100
18	Librado, P.	University of Barcelona	1	364.19	3531	100
19	Poor, H. Vincent	Princeton University	188	2.55	2925	84
20	Pachter, Lior	University of California Berkeley	10	25.12	2253	100

表 6: 经济与商业全球排名前 20 名的学者情况统计

排名	学者姓名	机构名称	发文量	学科规范化引 文影响力	总被引 频次	论文被引百 分比
1	Peng, Mike W.	University of Texas Dallas	55	5.85	1757	89
2	Zavadskas,	Vilnius Gediminas	68	4.03	1253	88

	Edmundas Kazimieras	Technical University				
3	Shleifer, Andrei	Harvard University	27	5.14	1214	78
4	Birkinshaw, Julian	London Business School	25	4.6	1148	92
5	Petersen, Mitchell A.	n/a	1	127.89	1137	100
6	Lusch, Robert F.	University of Arizona	24	5.62	1130	75
7	Wright, Mike	University of Nottingham	51	3.92	1053	96
8	Acemoglu, Daron	Massachusetts Institute of Technology (MIT)	64	3.1	970	84
8	Heckman, James J.	University of Chicago	28	4.48	970	75
10	Imbens, Guido W.	Harvard University	7	10.76	960	100
11	Kilian, Lutz	University of Michigan	27	8.64	918	96
12	Imbens, Guido W.	National Bureau of Economic Research	5	13.25	879	100
13	Vargo, Stephen L.	University of Hawaii System	7	12.92	877	86
14	Haenlein, Michael	ESCP Europe	12	10.11	847	92
15	Wunder, Sven	Empresa Brasileira de Pesquisa Agropecuaria (Embrapa)	5	15.59	842	100
16	Pagiola, Stefano	n/a	7	11.15	837	100
17	Falk, Armin	University of Bonn	28	5.71	836	96
18	Stulz, Rene M.	Ohio State University	22	5.89	804	91
19	Gneezy, Uri	University of California San Diego	31	3.88	797	84
20	Lopez-de-Silanes, Florencio	n/a	4	15.94	783	75

注：

1、表中所出现的作者姓名是根据作者文中标注的姓名进行统计；

2、表中的作者机构指的是作者发文时所包含的机构，如出现有一个作者标注几个单位的情况，INCITES数据库根据出现的单位的数量来统计作者的发文量；

3、表中出现的“n/a”表示作者的机构因未标注单位而无法确定。

2 相关学科期刊排名统计分析

通过 ESI 数据库进入前 50%的期刊（更新日期为 2015-02.28）进行相关学科期刊统计，并对各期刊的其他信息进行补充，得到较为详细的期刊信息，表 7-12 列出了排在相关学科前 5%的期刊信息，详细的进入 ESI 前 50%的期刊信息见附件 7-12。

表 7: 材料学科进入 ESI 前 5%的期刊统计

排名	期刊全称	ESI 简称	JCR 简称	ISSN	eissn
1	ADVANCED MATERIALS	ADVAN MATER	ADV MATER	0935-9648	1521-4095
2	BIOMATERIALS	BIOMATERIALS	BIOMATERIALS	0142-9612	1878-5905
3		J MATER CHEM			
4	CHEMISTRY OF MATERIALS	CHEM MATER	CHEM MATER	0897-4756	1520-5002
5	NATURE MATERIALS	NAT MATER	NAT MATER	1476-1122	1476-4660
6	ADVANCED FUNCTIONAL MATERIALS	ADV FUNCT MATER	ADV FUNCT MATER	1616-301X	1616-3028
7	JOURNAL OF ALLOYS AND COMPOUNDS	J ALLOYS COMPOUNDS	J ALLOY COMPD	0925-8388	1873-4669
8	NANOTECHNOLOGY	NANOTECHNOL	NANOTECHNOLOGY	0957-4484	1361-6528
9	APPLIED SURFACE SCIENCE	APPL SURF SCI	APPL SURF SCI	0169-4332	1873-5584
10	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	MATER SCI ENG A-STRUCT MATER	MAT SCI ENG A-STRUCT	0921-5093	1873-4936
11	THIN SOLID FILMS	THIN SOLID FILMS	THIN SOLID FILMS	0040-6090	null
12	ACTA MATERIALIA	ACTA MATER	ACTA MATER	1359-6454	1873-2453
13	Nature Nanotechnology	NAT NANOTECHNOL	NAT NANOTECHNOL	1748-3387	1748-3395
14	Small	SMALL	SMALL	1613-6810	1613-6829
15	MATERIALS LETTERS	MATER LETT	MATER LETT	0167-577X	1873-4979
16	SURFACE & COATINGS TECHNOLOGY	SURF COAT TECH	SURF COAT TECH	0257-8972	null
17	Soft Matter	SOFT MATTER	SOFT MATTER	1744-683X	1744-6848
18	SCRIPTA MATERIALIA	SCRIPTA MATER	SCRIPTA MATER	1359-6462	null
19	JOURNAL OF MATERIALS SCIENCE	J MATER SCI	J MATER SCI	0022-2461	1573-4803

20	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	J AMER CERAM SOC	J AM CERAM SOC	0002-7820	1551-2916
21	SOLAR ENERGY MATERIALS AND SOLAR CELLS	SOLAR ENERG MATER SOLAR CELLS	SOL ENERG MAT SOL C	0927-0248	1879-3398

表 8: 地球学科进入 ESI 前 5%的期刊统计

排名	期刊全称	ESI 简称	JCR 简称	ISSN	eissn
1	GEOPHYSICAL RESEARCH LETTERS	GEOPHYS RES LETT	GEOPHYS RES LETT	0094-8276	1944-8007
2	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	J GEOPHYS RES-ATMOS	J GEOPHYS RES-ATMOS	2169-897X	2169-8996
3	ATMOSPHERIC CHEMISTRY AND PHYSICS	ATMOS CHEM PHYS	ATMOS CHEM PHYS	1680-7316	1680-7324
4	ATMOSPHERIC ENVIRONMENT	ATMOS ENVIRON	ATMOS ENVIRON	1352-2310	1873-2844
5	EARTH AND PLANETARY SCIENCE LETTERS	EARTH PLANET SCI LETT	EARTH PLANET SC LETT	0012-821X	1385-013X
6	JOURNAL OF CLIMATE	J CLIMATE	J CLIMATE	0894-8755	1520-0442
7	GEOCHIMICA ET COSMOCHIMICA ACTA	GEOCHIM COSMOCHIM ACTA	GEOCHIM COSMOCHIM AC	0016-7037	1872-9533
8		SCIENCE			
9	REMOTE SENSING OF ENVIRONMENT	REMOTE SENS ENVIRON	REMOTE SENS ENVIRON	0034-4257	1879-0704
10		NATURE			
11	JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH	J GEOPHYS RES-SOLID EARTH	J GEOPHYS RES-SOL EA	2169-9313	2169-9356
12	GEOLOGY	GEOLOGY	GEOLOGY	0091-7613	1943-2682
13	QUATERNARY SCIENCE REVIEWS	QUATERNARY SCI REV	QUATERNARY SCI REV	0277-3791	null
14	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	IEEE TRANS GEOSCI REMOT SEN	IEEE T GEOSCI REMOTE	0196-2892	1558-0644

15	CHEMICAL GEOLOGY	CHEM GEOL	CHEM GEOL	0009-2541	1878-5999
16	GEOPHYSICAL JOURNAL INTERNATIONAL	GEOPHYS J INT	GEOPHYS J INT	0956-540X	1365-246X
17	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	J GEOPHYS RES-OCEANS	J GEOPHYS RES-OCEANS	2169-9275	2169-9291
18	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	PALAEOGEOGR PALAEOCLIMATOL	PALAEOGEOGR PALAEOCL	0031-0182	1872-616X
19	GEOMORPHOLOGY	GEOMORPHOLOGY	GEOMORPHOLOG Y	0169-555X	1872-695X
20	Nature Geoscience	NAT GEOSCI	NAT GEOSCI	1752-0894	1752-0908
21	JOURNAL OF THE ATMOSPHERIC SCIENCES	J ATMOS SCI	J ATMOS SCI	0022-4928	1520-0469
22	MONTHLY WEATHER REVIEW	MON WEATHER REV	MON WEATHER REV	0027-0644	1520-0493
23	LITHOS	LITHOS	LITHOS	0024-4937	1872-6143
24	CLIMATIC CHANGE	CLIMATIC CHANGE	CLIMATIC CHANGE	0165-0009	1573-1480

表 9: 化学学科进入 ESI 前 5%的期刊统计

排名	期刊全称	ESI 简称	JCR 简称	ISSN	eissn
1	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	J AM CHEM SOC	J AM CHEM SOC	0002-7863	null
2	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	ANGEW CHEM INT ED	ANGEW CHEM INT EDIT	1433-7851	1521-3773
3	CHEMICAL COMMUNICATIONS	CHEM COMMUN	CHEM COMMUN	1359-7345	1364-548X
4	JOURNAL OF PHYSICAL CHEMISTRY B	J PHYS CHEM B	J PHYS CHEM B	1520-6106	null
5	LANGMUIR	LANGMUIR	LANGMUIR	0743-7463	null
6	ORGANIC LETTERS	ORG LETT	ORG LETT	1523-7060	1523-7052
7	CHEMICAL REVIEWS	CHEM REV	CHEM REV	0009-2665	1520-6890
8	ANALYTICAL CHEMISTRY	ANAL CHEM	ANAL CHEM	0003-	1520-

				2700	6882
9	CHEMISTRY-A EUROPEAN JOURNAL	CHEM-EUR J	CHEM-EUR J	0947- 6539	1521- 3765
10	MACROMOLECULES	MACROMOLECULES	MACROMOLECUL ES	0024- 9297	1520- 5835
11	INORGANIC CHEMISTRY	INORG CHEM	INORG CHEM	0020- 1669	1520- 510X
12	JOURNAL OF ORGANIC CHEMISTRY	J ORG CHEM	J ORG CHEM	0022- 3263	null
13	CHEMICAL SOCIETY REVIEWS	CHEM SOC REV	CHEM SOC REV	0306- 0012	1460- 4744
14	JOURNAL OF CHROMATOGRAPHY A	J CHROMATOGR A	J CHROMATOGR A	0021- 9673	1873- 3778
15	ACS Nano	ACS NANO	ACS NANO	1936- 0851	1936- 086X
16	JOURNAL OF PHYSICAL CHEMISTRY A	J PHYS CHEM A	J PHYS CHEM A	1089- 5639	null
17	TETRAHEDRON LETTERS	TETRAHEDRON LETT	TETRAHEDRON LETT	0040- 4039	null
18	JOURNAL OF MEDICINAL CHEMISTRY	J MED CHEM	J MED CHEM	0022- 2623	1520- 4804
19	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	PHYS CHEM CHEM PHYS	PHYS CHEM CHEM PHYS	1463- 9076	1463- 9084
20	ELECTROCHIMICA ACTA	ELECTROCHIM ACTA	ELECTROCHIM ACTA	0013- 4686	1873- 3859
21	TETRAHEDRON	TETRAHEDRON	TETRAHEDRON	0040- 4020	null
22	DALTON TRANSACTIONS	DALTON TRANS	DALTON T	1477- 9226	1477- 9234
23	POLYMER	POLYMER	POLYMER	0032- 3861	1873- 2291
24	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	BIOORG MEDICINAL CHEM LETTER	BIOORG MED CHEM LETT	0960- 894X	1464- 3405
25	ORGANOMETALLICS	ORGANOMETALLICS	ORGANOMETALLI CS	0276- 7333	1520- 6041
26	ACCOUNTS OF CHEMICAL RESEARCH	ACCOUNT CHEM RES	ACCOUNTS CHEM RES	0001- 4842	1520- 4898
27	ANALYTICA CHIMICA ACTA	ANAL CHIM ACTA	ANAL CHIM ACTA	0003- 2670	1873- 4324
28	JOURNAL OF COLLOID AND INTERFACE SCIENCE	J COLLOID INTERFACE SCI	J COLLOID INTERF SCI	0021- 9797	1095- 7103

29	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	IND ENG CHEM RES	IND ENG CHEM RES	0888-5885	null
30	JOURNAL OF MEMBRANE SCIENCE	J MEMBRANE SCI	J MEMBRANE SCI	0376-7388	1873-3123
31	SENSORS AND ACTUATORS B-CHEMICAL	SENSOR ACTUATOR B-CHEM	SENSOR ACTUAT B-CHEM	0925-4005	null

表 10: 工程学科进入 ESI 前 5%的期刊统计

排名	期刊全称	ESI 简称	JCR 简称	ISSN	eissn
1	JOURNAL OF POWER SOURCES	J POWER SOURCES	J POWER SOURCES	0378-7753	1873-2755
2	JOURNAL OF HAZARDOUS MATERIALS	J HAZARD MATER	J HAZARD MATER	0304-3894	1873-3336
3	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	INT J HYDROGEN ENERG	INT J HYDROGEN ENERG	0360-3199	1879-3487
4	CHEMICAL ENGINEERING JOURNAL	CHEM ENG J	CHEM ENG J	1385-8947	1873-3212
5	ENERGY & FUELS	ENERG FUEL	ENERG FUEL	0887-0624	1520-5029
6	JOURNAL OF HYDROLOGY	J HYDROL	J HYDROL	0022-1694	1879-2707
7	FUEL	FUEL	FUEL	0016-2361	1873-7153
8	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	IEEE TRANS IND ELECTRON	IEEE T IND ELECTRON	0278-0046	1557-9948
9	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	INT J HEAT MASS TRANSFER	INT J HEAT MASS TRAN	0017-9310	1879-2189
10	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH	EUR J OPER RES	EUR J OPER RES	0377-2217	1872-6860
11	EXPERT SYSTEMS WITH APPLICATIONS	EXPERT SYST APPL	EXPERT SYST APPL	0957-4174	1873-6793
12	JOURNAL OF FLUID MECHANICS	J FLUID MECH	J FLUID MECH	0022-1120	1469-7645
13	ENERGY	ENERGY	ENERGY	0360-5442	1873-6785
14	APPLIED ENERGY	APPL ENERG	APPL ENERG	0306-	1872-

				2619	9118
15	IEEE TRANSACTIONS ON SIGNAL PROCESSING	IEEE TRANS SIGNAL PROCESS	IEEE T SIGNAL PROCES	1053-587X	1941-0476
16	JOURNAL OF NUCLEAR MATERIALS	J NUCL MATER	J NUCL MATER	0022-3115	1873-4820
17	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	IEEE TRANS ANTENNAS PROPAGAT	IEEE T ANTENN PROPAG	0018-926X	1558-2221
18	ENERGY CONVERSION AND MANAGEMENT	ENERG CONV MANAGE	ENERG CONVERS MANAGE	0196-8904	1879-2227
19	JOURNAL OF LIGHTWAVE TECHNOLOGY	J LIGHTWAVE TECHNOL	J LIGHTWAVE TECHNOL	0733-8724	1558-2213
20	PATTERN RECOGNITION	PATT RECOG	PATTERN RECOGN	0031-3203	1873-5142
21	AUTOMATICA	AUTOMATICA	AUTOMATICA	0005-1098	1873-2836
22	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	IEEE TRANS AUTOMAT CONTR	IEEE T AUTOMAT CONTR	0018-9286	1558-2523
23	IEEE TRANSACTIONS ON ELECTRON DEVICES	IEEE TRANS ELECTRON DEVICES	IEEE T ELECTRON DEV	0018-9383	1557-9646
24	IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	IEEE TRANS PATT ANAL MACH INT	IEEE T PATTERN ANAL	0162-8828	1939-3539
25	IEEE TRANSACTIONS ON POWER ELECTRONICS	IEEE TRANS POWER ELECT	IEEE T POWER ELECTR	0885-8993	1941-0107
26	RENEWABLE ENERGY	RENEWABLE ENERGY	RENEW ENERG	0960-1481	null
27	IEEE ELECTRON DEVICE LETTERS	IEEE ELECTRON DEV LETT	IEEE ELECTR DEVICE L	0741-3106	1558-0563
28	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	IEEE TRANS MICROWAVE THEORY	IEEE T MICROW THEORY	0018-9480	1557-9670
29	INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES	INT J SOLIDS STRUCT	INT J SOLIDS STRUCT	0020-7683	1879-2146
30	APPLIED THERMAL ENGINEERING	APPL THERM ENG	APPL THERM ENG	1359-4311	null
31	SENSORS AND ACTUATORS A-PHYSICAL	SENSOR ACTUATOR A-PHYS	SENSOR ACTUAT A-PHYS	0924-4247	null
32	IEEE TRANSACTIONS ON IMAGE PROCESSING	IEEE TRANS IMAGE PROCESSING	IEEE T IMAGE PROCESS	1057-7149	1941-0042
33	IEEE JOURNAL OF SOLID-STATE CIRCUITS	IEEE J SOLID-STATE CIRCUITS	IEEE J SOLID-ST CIRC	0018-9200	1558-173X

34	JOURNAL OF MICROMECHANICS AND MICROENGINEERING	J MICROMECHANIC MICROENGINEER	J MICROMECH MICROENG	0960-1317	1361-6439
35	COMBUSTION AND FLAME	COMBUST FLAME	COMBUST FLAME	0010-2180	1556-2921
36	ELECTRONICS LETTERS	ELECTRON LETT	ELECTRON LETT	0013-5194	1350-911X
37	WASTE MANAGEMENT	WASTE MANAGEMENT	WASTE MANAGE	0956-053X	null
38	IEEE TRANSACTIONS ON POWER SYSTEMS	IEEE TRANS POWER SYST	IEEE T POWER SYST	0885-8950	1558-0679
39	MICROELECTRONIC ENGINEERING	MICROELECTRON ENG	MICROELECTRON ENG	0167-9317	1873-5568
40	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	INT J ADV MANUF TECHNOL	INT J ADV MANUF TECH	0268-3768	1433-3015
41	ENERGY AND BUILDINGS	ENERG BLDG	ENERG BUILDINGS	0378-7788	1872-6178
42	IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING	IEEE TRANS BIOMED ENG	IEEE T BIO-MED ENG	0018-9294	1558-2531
43	JOURNAL OF CLEANER PRODUCTION	J CLEAN PROD	J CLEAN PROD	0959-6526	1879-1786
44	PROCEEDINGS OF THE IEEE	PROC IEEE	P IEEE	0018-9219	1558-2256
45	SOLAR ENERGY	SOLAR ENER	SOL ENERGY	0038-092X	null
46	INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING	INT J NUMER METHOD ENG	INT J NUMER METH ENG	0029-5981	1097-0207
47	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS	INT J PROD ECON	INT J PROD ECON	0925-5273	1873-7579
48	PROCEEDINGS OF THE COMBUSTION INSTITUTE	PROC COMBUST INST	P COMBUST INST	1540-7489	1873-2704
49	BUILDING AND ENVIRONMENT	BLDG ENVIRON	BUILD ENVIRON	0360-1323	1873-684X
50	PATTERN RECOGNITION	PATT RECOG	PATTERN RECOGN	0031-3203	1873-5142

表 11: 计算机科学进入 ESI 前 5%的期刊统计

排名	期刊全称	ESI 简称	JCR 简称	ISSN	eissn
1	BIOINFORMATICS	BIOINFORMATICS	BIOINFORMATICS	1367-4803	1460-2059
2	BMC BIOINFORMATICS	BMC BIOINFORMATICS	BMC BIOINFORMATICS	1471-2105	1471-2105
3		LECT NOTE COMPUT SCI			
4	IEEE TRANSACTIONS ON INFORMATION THEORY	IEEE TRANS INFORM THEORY	IEEE T INFORM THEORY	0018-9448	1557-9654
5	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	IEEE TRANS WIREL COMMUN	IEEE T WIREL COMMUN	1536-1276	1558-2248
6	INFORMATION SCIENCES	INFORM SCIENCES	INFORM SCIENCES	0020-0255	1872-6291
7	COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING	COMPUT METHOD APPL MECH ENG	COMPUT METHOD APPL M	0045-7825	1879-2138
8	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	IEEE J SEL AREA COMMUN	IEEE J SEL AREA COMM	0733-8716	1558-0008
9		NEUROCOMPUTING			
10	ENVIRONMENTAL MODELLING & SOFTWARE	ENVIRON MODELL SOFTW	ENVIRON MODELL SOFTW	1364-8152	1873-6726
11	COMPUTERS & OPERATIONS RESEARCH	COMPUT OPER RES	COMPUT OPER RES	0305-0548	1873-765X
12	IEEE TRANSACTIONS ON COMMUNICATIONS	IEEE TRANS COMMUN	IEEE T COMMUN	0090-6778	1558-0857
13	COMPUTERS & EDUCATION	COMPUT EDUC	COMPUT EDUC	0360-1315	1873-782X
14	IEEE COMMUNICATIONS MAGAZINE	IEEE COMMUN MAG	IEEE COMMUN MAG	0163-6804	1558-1896
15	COMPUTERS & CHEMICAL ENGINEERING	COMPUT CHEM ENG	COMPUT CHEM ENG	0098-1354	1873-4375
16	ACM TRANSACTIONS ON GRAPHICS	ACM TRANS GRAPHIC	ACM T GRAPHIC	0730-0301	1557-7368
17	JOURNAL OF MACHINE LEARNING RESEARCH	J MACH LEARN RES	J MACH LEARN RES	1532-4435	null
18	COMPUTERS & STRUCTURES	COMPUT STRUCT	COMPUT STRUCT	0045-7949	1879-2243
19	APPLIED SOFT COMPUTING	APPL SOFT COMPUT	APPL SOFT COMPUT	1568-4946	1872-9681
20	IEEE COMMUNICATIONS	IEEE COMMUN LETT	IEEE COMMUN	1089-	1558-

	LETTERS		LETT	7798	2558
21	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	IEEE TRANS VISUAL COMPUT GR	IEEE T VIS COMPUT GR	1077-2626	1941-0506
22	COMPUTERS & GEOSCIENCES	COMPUT GEOSCI	COMPUT GEOSCI-UK	0098-3004	1873-7803
23	DECISION SUPPORT SYSTEMS	DECIS SUPPORT SYST	DECIS SUPPORT SYST	0167-9236	1873-5797

表 12: 经济与商业学科进入 ESI 前 5%的期刊统计

排名	期刊全称	ESI 简称	JCR 简称	ISSN	eissn
1	AMERICAN ECONOMIC REVIEW	AMER ECON REV	AM ECON REV	0002-8282	1944-7981
2	ECOLOGICAL ECONOMICS	ECOL ECON	ECOL ECON	0921-8009	1873-6106
3		J FINAN ECON			
4	ACADEMY OF MANAGEMENT JOURNAL	ACAD MANAGE J	ACAD MANAGE J	0001-4273	1948-0989
5	JOURNAL OF FINANCE	J FINAN	J FINANC	0022-1082	1540-6261
6	MANAGEMENT SCIENCE	MANAGE SCI	MANAGE SCI	0025-1909	1526-5501
7	STRATEGIC MANAGEMENT JOURNAL	STRATEG MANAGE J	STRATEGIC MANAGE J	0143-2095	1097-0266
8	JOURNAL OF BUSINESS ETHICS	J BUS ETHICS	J BUS ETHICS	0167-4544	1573-0697
9	ACADEMY OF MANAGEMENT REVIEW	ACAD MANAGE REV	ACAD MANAGE REV	0363-7425	1930-3807
10	REVIEW OF FINANCIAL STUDIES	REV FINANC STUD	REV FINANC STUD	0893-9454	1465-7368
11	JOURNAL OF BANKING & FINANCE	J BANK FINAN	J BANK FINANC	0378-4266	1872-6372
12	JOURNAL OF BUSINESS RESEARCH	J BUS RES	J BUS RES	0148-2963	1873-7978
13	QUARTERLY JOURNAL OF ECONOMICS	QUART J ECON	Q J ECON	0033-5533	1531-4650
14	JOURNAL OF ECONOMETRICS	J ECONOMETRICS	J ECONOMETRICS	0304-4076	1872-6895
15	ORGANIZATION SCIENCE	ORGAN SCI	ORGAN SCI	1047-7039	null
16	JOURNAL OF MARKETING	J MARKETING	J MARKETING	0022-2429	1547-7185

17	ENERGY ECONOMICS	ENERG ECON	ENERG ECON	0140-9883	1873-6181
18	JOURNAL OF MANAGEMENT	J MANAGE	J MANAGE	0149-2063	1557-1211
19	JOURNAL OF INTERNATIONAL BUSINESS STUDIES	J INT BUS STUD	J INT BUS STUD	0047-2506	1478-6990
20	ECONOMETRICA	ECONOMETRICA	ECONOMETRICA	0012-9682	1468-0262
21	JOURNAL OF MANAGEMENT STUDIES	J MANAGE STUD-OXFORD	J MANAGE STUD	0022-2380	1467-6486
22	JOURNAL OF CONSUMER RESEARCH	J CONSUM RES	J CONSUM RES	0093-5301	1537-5277
23	JOURNAL OF OPERATIONS MANAGEMENT	J OPER MANAG	J OPER MANAG	0272-6963	1873-1317
24	REVIEW OF ECONOMICS AND STATISTICS	REV ECON STATIST	REV ECON STAT	0034-6535	1530-9142
25	JOURNAL OF PUBLIC ECONOMICS	J PUBLIC ECON	J PUBLIC ECON	0047-2727	null
26	JOURNAL OF ECONOMIC PERSPECTIVES	J ECON PERSPECT	J ECON PERSPECT	0895-3309	1944-7965
27	HEALTH ECONOMICS	HEALTH ECONOMICS	HEALTH ECON	1057-9230	1099-1050
28	JOURNAL OF MARKETING RESEARCH	J MARKET RES-CHICAGO	J MARKETING RES	0022-2437	1547-7193
29	OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE	OMEGA-INT J MANAGE SCI	OMEGA-INT J MANAGE S	0305-0483	null
30	JOURNAL OF HEALTH ECONOMICS	J HEALTH ECON	J HEALTH ECON	0167-6296	1879-1646
31	ECONOMIC JOURNAL	ECON J	ECON J	0013-0133	1468-0297

注：表中出现的“null”表示该期刊的 **eissn** 未找到。