投稿也是一门技术活儿：过去一年SCI影响因子“振荡”最厉害的杂志大汇总

作者：吴崇明 来源：科学网吴崇明博客

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2018年公布SCI杂志影响因子已经几个星期了，几家欢喜几家愁。欢喜是因为自己心仪或者已发表的杂志的影响因子提高，愁苦则可能是因为已发表论文的杂志影响因子陡降。那么哪些杂志今年的影响因子发生了显著变化呢?这可能是一个有趣的问题。IF提升很快的杂志，是新贵杂志，特别是对于那些原本IF较低而今年升高很快的杂志，可以作为投稿的潜在对象。而对于IF降低很快的杂志，则需要判断它为什么会降低?是发稿量增大了?论文质量下降了?还是只是偶然因素导致的?Anyway，比较一下论文IF的变化趋势，对于发表论文还是有一定的借鉴意义的。

我分析比较了今年和去年各SCI杂志的影响因子变化情况。采用了两种比较指标，(1)影响因子的绝对变化值;(2)影响因子的变化百分比。选取标准是：IF升高绝对值>2且升高比例>30%;或者IF降低绝对值>1且降低比例>30%。下面的列表显示了2018年IF变化最大的期刊。其中值得关注的是实现跨界的杂志，例如跨越5和10的期刊。需要声明，我对影响因子并不十分感冒，本分析纯属娱乐，并无刻意引导的意味。

在IF上升的期刊中，升高最明显的杂志是Industrial and Organizational Psychology-Perspectives on Science and Practice，2017年只有1.747而2018年达到了16.737。另外，Acta Crystallographica Section C从4.099变成了8.678;Acta Crystallographica Section B从2.032变成了6.467，AMERICAN STATISTICIAN也很狠，从0.646变成了4.302!

在IF降低的期刊中，降低最明显的杂志是CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS，从6.667降低到了2.414。另外，DRUG DELIVERY、ACM TRANSACTIONS ON COMPUTER SYSTEMS、CURRENT ISSUES IN MOLECULAR BIOLOGY、Mitochondrial DNA、ACM TRANSACTIONS ON PROGRAMMING LANGUAGES AND SYSTEMS等杂志的影响因子降低也非常显著

表　　1. 2018年IF升高最快的杂志

Rank	Full Journal Title	2017年 IF	IF????	

1	CA-A CANCER JOURNAL FOR CLINICIANS	187.040	57.545
2	Industrial and Organizational Psychology-Perspectives on Science and Practice	1.747	14.628
3	Journal of Statistical Software	9.436	13.301
4	PSYCHOLOGICAL INQUIRY	16.455	9.909
5	Nature Reviews Disease Primers	6.389	9.682
6	ADVANCES IN PHYSICS	21.818	9.099
7	PROGRESS IN ENERGY AND COMBUSTION SCIENCE	17.382	7.86
8	Psychological Science in the Public Interest	14.143	7.143
9	PROGRESS IN SOLID STATE CHEMISTRY	4.087	5.226
10	Advanced Energy Materials	16.721	5.154
11	INTERNATIONAL REVIEWS IN PHYSICAL CHEMISTRY	4.438	4.968
12	Reviews in Mineralogy & Geochemistry	3.913	4.933
13	Alcohol Research-Current Reviews	2.378	4.733
14	Acta Crystallographica Section C-	4.099	4.579

	Structural Chemistry				
15	SURFACE SCIENCE REPORTS	13.333	4.467		
16	Acta Crystallographica Section B-Structural Science Crystal Engineering and Materials	2.032	4.435		
17	PSYCHOTHERAPY AND PSYCHOSOMATICS	8.964	4.158		
18	INTERNATIONAL MATERIALS REVIEWS	8.605	4.098		
19	MOLECULAR BIOLOGY AND EVOLUTION	6.202	4.015		
20	ACS Central Science	7.481	3.747		
21	Journal of Thoracic Oncology	6.595	3.741		
22	EUROPEAN JOURNAL OF HEART FAILURE	6.968	3.715		
23	Epilepsy Currents	5.625	3.708		
24	ACTA NEUROPATHOLOGICA	12.213	3.659		
25	AMERICAN STATISTICIAN	0.646	3.656		
26	Lancet Psychiatry	11.588	3.645		
27	NEW ASTRONOMY REVIEWS	3.900	3.6		

28	Lancet Haematology	7.123	3.575		
29	ACTA NUMERICA	6.250	3.477		
30	Advanced Science	9.034	3.407		
31	ASTRONOMY AND ASTROPHYSICS REVIEW	8.222	3.389		
32	INTERNATIONAL JOURNAL OF COMPUTER VISION	8.222	3.319		
33	Nature Reviews Gastroenterology & Hepatology	13.678	3.312		
34	Alzheimers & Dementia	9.478	3.262		
35	MILBANK QUARTERLY	2.809	3.191		
36	Advances in Experimental Social Psychology	5.650	3.15		
37	Reviews of Environmental Contamination and Toxicology	3.930	3.07		
38	JOURNAL OF ECONOMIC GROWTH	3.440	3.04		
39	Bone Research	9.326	3.028		
40	REVIEW OF EDUCATIONAL RESEARCH	5.263	2.978		

41	RIVISTA DEL NUOVO CIMENTO	0.792	2.947		
42	Nanophotonics	3.114	2.9		
43	Advances in the Study of Behavior	2.400	2.8		
44	Annual Review of Applied Linguistics	2.083	2.797		
45	IEEE Transactions on Systems Man Cybernetics-Systems	2.350	2.781		
46	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE	4.261	2.762		
47	ATOMIC DATA AND NUCLEAR DATA TABLES	1.689	2.752		
48	Annual Review of Nuclear and Particle Science	4.079	2.677		
49	PURE AND APPLIED CHEMISTRY	2.626	2.668		
50	CLINICAL NUCLEAR MEDICINE	3.640	2.641		
51	Annual Review of Vision Science	2.522	2.618		
52	JOURNAL OF THE ACADEMY OF MARKETING SCIENCE	5.888	2.6		
53	CLINICAL PSYCHOLOGY-SCIENCE AND PRACTICE	2.380	2.57		
54	Nano-Micro Letters	4.849	2.532		

55	Reviews in Aquaculture	4.618	2.521		
56	Autophagy	8.593	2.507		
57	JOURNAL OF HUMAN RESOURCES	4.047	2.484		
58	Molecular Therapy-Oncolytics	1.259	2.431		
59	European Review of Social Psychology	1.389	2.361		
60	European Heart Journal-Cardiovascular Imaging	5.990	2.346		
61	JAMA Dermatology	5.817	2.29		
62	Business Strategy and the Environment	3.076	2.279		
63	IEEE Geoscience and Remote Sensing Magazine	2.676	2.256		
64	Annual Review of Food Science and Technology	7.310	2.213		
65	Acta Crystallographica A-Foundation and Advances	5.725	2.205		
66	Reviews in Fisheries Science & Aquaculture	2.545	2.205		
67	IEEE TRANSACTIONS ON MEDICAL IMAGING	3.942	2.189		

68	PERIODONTOLOGY 2000	4.072	2.148		
69	PROCEEDINGS OF THE COMBUSTION INSTITUTE	3.214	2.122		
70	JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN	2.909	2.114		
71	Journal of Destination Marketing & Management	1.556	2.111		
72	Current Topics in Microbiology and Immunology	3.719	2.11		
73	JOURNAL OF GASTROENTEROLOGY	3.452	2.109		
74	Annual Review of Chemical and Biomolecular Engineering	5.571	2.103		
75	Earth System Science Data	6.696	2.096		
76	Annual Review of Animal Biosciences	4.708	2.067		
77	Corporate Social Responsibility and Environmental Management	2.852	2.066		
78	THYROID	5.515	2.042		
79	Journal of Bone Oncology	1.471	2.029		
80	JOURNAL OF MARKETING	5.318	2.02		
81	Journal of Biobased Materials and Bioenergy	0.975	2.018		

82	Advances in Applied Mechanics	3.000	2	

?2. 2018?IF???????

Rank	Full Journal Title	2018年IF	2017年 IF	IF????	
1	Annual Review of Pathology-Mechanisms of Disease	15.952	26.853	-10.901	
2	Annual Review of Cell and Developmental Biology	9.032	14.917	-5.885	
3	Wiley Interdisciplinary Reviews-Computational Molecular Science	8.836	14.016	-5.18	
4	CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS	2.414	6.667	-4.253	
5	Soft Robotics	5.057	8.649	-3.592	
6	DRUG DELIVERY	3.095	6.402	-3.307	
7	ACM TRANSACTIONS ON COMPUTER SYSTEMS	1.760	5.045	-3.285	
8	Clinical Epidemiology	3.799	7.056	-3.257	
9	CURRENT ISSUES IN MOLECULAR BIOLOGY	2.267	5.250	-2.983	
10	COMPLEXITY	1.829	4.621	-2.792	

11	Geochemical Perspectives	4.000	6.750	-2.75
12	JOURNAL OF MACHINE LEARNING RESEARCH	2.281	5.000	-2.719
13	Artificial Cells Nanomedicine and Biotechnology	3.026	5.605	-2.579
14	Mitochondrial DNA	0.925	3.350	-2.425
15	JOURNAL OF INFORMATION TECHNOLOGY	4.535	6.953	-2.418
16	BRITISH JOURNAL OF MATHEMATICAL & STATISTICAL PSYCHOLOGY	1.214	3.510	-2.296
17	ACM TRANSACTIONS ON PROGRAMMING LANGUAGES AND SYSTEMS	0.759	3.033	-2.274
18	Kidney International Supplements	3.357	5.593	-2.236
19	Journal of Clinical Lipidology	3.580	5.812	-2.232
20	INTERNATIONAL JOURNAL OF CARDIOLOGY	4.034	6.189	-2.155
21	QUARTERLY REVIEW OF BIOLOGY	2.321	4.250	-1.929
22	Pregnancy Hypertension-An International Journal of Womens Cardiovascular Health	2.011	3.930	-1.919
23	Zeitschrift fur Kristallographie-Crystalline Materials	1.263	3.179	-1.916

24	Journal of Consumer Culture	1.672	3.579	-1.907
25	JOURNAL OF CLASSIFICATION	1.214	3.083	-1.869
26	SEPARATION AND PURIFICATION REVIEWS	4.212	6.077	-1.865
27	TEXAS LAW REVIEW	2.209	4.030	-1.821
28	Vehicular Communications	3.289	5.108	-1.819
29	Advances in Inorganic Chemistry	1.316	3.105	-1.789
30	Chinese Physics C	3.298	5.084	-1.786
31	International Journal for Parasitology-Drugs and Drug Resistance	3.030	4.809	-1.779
32	AMERICAN JOURNAL OF MEDICAL GENETICS PART C-SEMINARS IN MEDICAL GENETICS	3.822	5.600	-1.778
33	JOURNAL OF THE ROYAL STATISTICAL SOCIETY SERIES B-STATISTICAL METHODOLOGY	2.894	4.610	-1.716
34	STATISTICAL METHODS IN MEDICAL RESEARCH	2.284	3.953	-1.669
35	Stem Cell Research	1.829	3.494	-1.665
36	BULLETIN OF THE AMERICAN MUSEUM OF NATURAL HISTORY	2.938	4.562	-1.624
37	INTEGRATED COMPUTER-	3.667	5.264	-1.597

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38	Swarm Intelligence	1.520	3.115	-1.595
39	Perspectives on Politics	1.642	3.234	-1.592
40	Arabian Journal of Chemistry	2.969	4.553	-1.584
41	VLDB JOURNAL	2.689	4.269	-1.58
42	JOURNAL OF ECONOMIC LITERATURE	3.653	5.220	-1.567
43	GEODINAMICA ACTA	1.049	2.611	-1.562
44	Reviews of Physiology Biochemistry and Pharmacology	3.235	4.769	-1.534
45	CBE-Life Sciences Education	2.413	3.930	-1.517
46	CONTEMPORARY SOCIOLOGY-A JOURNAL OF REVIEWS	0.340	1.857	-1.517
47	EVOLUTIONARY COMPUTATION	2.388	3.826	-1.438
48	SCHOOL PSYCHOLOGY QUARTERLY	1.818	3.256	-1.438
49	IEEE TRANSACTIONS ON PROFESSIONAL COMMUNICATION	0.756	2.184	-1.428
50	APPLIED SPECTROSCOPY REVIEWS	2.826	4.254	-1.428

51	Social Psychology	1.200	2.602	-1.402
52	INTERNATIONAL JOURNAL OF ELECTRONIC COMMERCE	2.514	3.900	-1.386
53	ANASTHESIOLOGIE & INTENSIVMEDIZIN	0.880	2.227	-1.347
54	PHOTOGRAMMETRIC RECORD	1.917	3.256	-1.339
55	Journal of Anthropological Sciences	2.667	4.000	-1.333
56	GEOLOGICAL JOURNAL	1.654	2.978	-1.324
57	IET Power Electronics	2.267	3.547	-1.28
58	SCANDINAVIAN JOURNAL OF WORK ENVIRONMENT & HEALTH	2.792	4.071	-1.279
59	Journal of Operational Oceanography	2.067	3.342	-1.275
60	Journal of Food and Nutrition Research	0.687	1.950	-1.263
61	Journal of Legal Analysis	1.545	2.800	-1.255
62	ACM Transactions on Computer-Human Interaction	0.972	2.227	-1.255
63	HEART AND VESSELS	2.185	3.434	-1.249
64	EUROPEAN PSYCHOLOGIST	2.174	3.419	-1.245

65	Publications Mathematiques de l IHES	1.957	3.182	-1.225
66	CURRENT PROBLEMS IN SURGERY	1.731	2.955	-1.224
67	Journal of Oral & Facial Pain and Headache	1.538	2.760	-1.222
68	COMPUTATIONAL LINGUISTICS	1.319	2.528	-1.209
69	COMPUTATIONAL LINGUISTICS	1.319	2.528	-1.209
70	MARINE GEOLOGY	2.364	3.572	-1.208
71	Health Informatics Journal	1.833	3.021	-1.188
72	POLYMER SCIENCE SERIES C	1.400	2.556	-1.156
73	METROLOGIA	2.275	3.411	-1.136
74	Hormones & Cancer	2.581	3.709	-1.128
75	PERSPECTIVES ON SEXUAL AND REPRODUCTIVE HEALTH	2.450	3.571	-1.121
76	Psychology of Learning and Motivation	1.714	2.821	-1.107
77	3D Printing and Additive Manufacturing	2.304	3.389	-1.085

78	INTERNATIONAL JOURNAL OF APPROXIMATE REASONING	1.766	2.845	-1.079
79	JOURNAL OF ENGINEERING EDUCATION	1.976	3.047	-1.071
80	HEALTH RISK & SOCIETY	1.207	2.262	-1.055
81	MEDECINE ET MALADIES INFECTIEUSES	1.307	2.349	-1.042
82	HUMAN NATURE-AN INTERDISCIPLINARY BIOSOCIAL PERSPECTIVE	1.620	2.661	-1.041
83	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	0.869	1.899	-1.03
84	JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH	1.257	2.284	-1.027
85	Trends in Hearing	2.000	3.024	-1.024
86	CYTOPATHOLOGY	1.376	2.380	-1.004
87	COMPUTING IN SCIENCE & ENGINEERING	1.074	2.074	-1

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