

Fred Y Ye

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

491
citations

13
h-index

21
g-index

44
ext. papers

587
ext. citations

2.6
avg, IF

4.34
L-index

#	Paper	IF	Citations
43	Identifying 'seed' papers in sciences. <i>Scientometrics</i> , 2021 , 126, 6001	3	2
42	Extracting a core structure from heterogeneous information network using h-subnet and meta-path strength. <i>Journal of Informetrics</i> , 2021 , 15, 101173	3.1	0
41	Probing into the interactions between papers and patents of new CRISPR/CAS9 technology: A citation comparison. <i>Journal of Informetrics</i> , 2021 , 15, 101189	3.1	1
40	Identifying 'associated-sleeping-beauties' in 'swan-groups' based on small qualified datasets of physics and economics. <i>Scientometrics</i> , 2020 , 122, 1525-1537	3	4
39	Measuring similarity for clarifying layer difference in multiplex ad hoc duplex information networks. <i>Journal of Informetrics</i> , 2020 , 14, 100987	3.1	5
38	Tracing the 'swan groups' of physics and economics in the key publications of nobel laureates. <i>Scientometrics</i> , 2019 , 119, 425-436	3	3
37	Do we measure novelty when we analyze unusual combinations of cited references? A validation study of bibliometric novelty indicators based on F1000Prime data. <i>Journal of Informetrics</i> , 2019 , 13, 100979	3.1	10
36	Simplifying Weighted Heterogeneous Networks by Extracting h-Structure via s-Degree. <i>Scientific Reports</i> , 2019 , 9, 18819	4.9	1
35	'Smart girls' versus 'sleeping beauties' in the sciences: The identification of instant and delayed recognition by using the citation angle. <i>Journal of the Association for Information Science and Technology</i> , 2018 , 69, 359-367	2.7	17
34	The Second-order h-type Indicators for Identifying Top Units. <i>Data and Information Management</i> , 2018 , 2, 49-56	1.4	1
33	Characterizing core-periphery structure of complex network by h-core and fingerprint curve. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 492, 1206-1215	3.3	1
32	Extracting h-Backbone as a Core Structure in Weighted Networks. <i>Scientific Reports</i> , 2018 , 8, 14356	4.9	6
31	Identifying "hot papers" and papers with "delayed recognition" in large-scale datasets by using dynamically normalized citation impact scores. <i>Scientometrics</i> , 2018 , 116, 655-674	3	11
30	Statistical characteristics of breakthrough discoveries in science using the metaphor of black and white swans. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 487, 40-46	3.3	5
29	Scientific Metrics: Towards Analytical and Quantitative Sciences. <i>Understanding Complex Systems</i> , 2017 ,	0.4	1
28	The h-Type Core Structure in Single-Layer and Multi-layer Weighted Information Networks. <i>Understanding Complex Systems</i> , 2017 , 191-214	0.4	
27	The h-Core and h-Tail Distribution with Dynamic Metrics. <i>Understanding Complex Systems</i> , 2017 , 215-231	0.4	

26	Sequence analysis of annually normalized citation counts: an empirical analysis based on the characteristic scores and scales (CSS) method. <i>Scientometrics</i> , 2017 , 113, 1665-1680	3	5
25	h-based I3-type multivariate vectors: multidimensional indicators of publication and citation scores. <i>Collnet Journal of Scientometrics and Information Management</i> , 2017 , 11, 153-171	0.5	4
24	Comparative Study of Trace Metrics between Bibliometrics and Patentometrics. <i>Journal of Data and Information Science</i> , 2017 , 1, 13-31	1.2	
23	The Dynamic evolution of core documents: an experimental study based on h-related literature (2005-2013). <i>Scientometrics</i> , 2016 , 106, 369-381	3	6
22	Distinguishing sleeping beauties in science. <i>Scientometrics</i> , 2016 , 108, 821-828	3	19
21	Measuring technological performance of assignees using trace metrics in three fields. <i>Scientometrics</i> , 2015 , 104, 61-86	3	6
20	Abstracting the core subnet of weighted networks based on link strengths. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 984-994	2.7	21
19	A study of the heartbeat spectra for sleeping beauties. <i>Journal of Informetrics</i> , 2014 , 8, 493-502	3.1	35
18	A Preliminary Study of the Relationship between the h-Index and Excess Citations / Étude préliminaire de la relation entre l'indice de Hirsch (indice-h) et les citations excédentaires. <i>Canadian Journal of Information & Library Sciences</i> , 2014 , 38, 127-144		
17	The Academic trace of the performance matrix: A mathematical synthesis of the h-index and the integrated impact indicator (I3). <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 742-750	2.7	9
16	The Triple Helix of university-industry-government relations at the country level and its dynamic evolution under the pressures of globalization. <i>Journal of the Association for Information Science and Technology</i> , 2013 , 64, 2317-2325		36
15	Ratios of h-cores, h-tails and uncited sources in sets of scientific papers and technical patents. <i>Journal of Informetrics</i> , 2013 , 7, 190-197	3.1	7
14	A probe into dynamic measures for h-core and h-tail. <i>Journal of Informetrics</i> , 2013 , 7, 129-137	3.1	7
13	Power-law link strength distribution in paper cocitation networks. <i>Journal of the Association for Information Science and Technology</i> , 2013 , 64, 1480-1489		15
12	Modelling Continuous Percentile Rank Scores and Integrated Impact Indicators (I3) / Une modélisation des notations continues de classement par pourcentage et des indicateurs intégrés d'impact (I3). <i>Canadian Journal of Information & Library Sciences</i> , 2013 , 37, 201-206		1
11	Exploring the directed h-degree in directed weighted networks. <i>Journal of Informetrics</i> , 2012 , 6, 619-630	3.1	19
10	The phenomenon of all-elements-sleeping-beauties in scientific literature. <i>Scientometrics</i> , 2012 , 92, 795-799		36
9	Distributive h-indices for measuring multilevel impact. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 2074-2086		4

8	A formal relation between the h-index of a set of articles and their I3 score. <i>Journal of Informetrics</i> , 2012 , 6, 34-35	3.1	6
7	h-Degree as a basic measure in weighted networks. <i>Journal of Informetrics</i> , 2011 , 5, 668-677	3.1	48
6	A unification of three models for the h-index. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 205-207		26
5	A theoretical approach to the unification of informetric models by wave-heat equations. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1208-1211		4
4	Probing the h-core: an investigation of the tail-core ratio for rank distributions. <i>Scientometrics</i> , 2010 , 84, 431-439	3	37
3	An investigation on mathematical models of the h-index. <i>Scientometrics</i> , 2009 , 81, 493-498	3	21
2	A proposal for a dynamic h-type index. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 1853-1855		38
1	A quantitative relationship between per capita GDP and scientometric criteria. <i>Scientometrics</i> , 2007 , 71, 407-413	3	13