Fred Y Ye

List of Publications by Citations

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	h-Degree as a basic measure in weighted networks. *Journal of Informetrics*, **2011**, 5, 668-677	3.1	48
42	A proposal for a dynamic h-type index. *Journal of the Association for Information Science and Technology*, **2008**, 59, 1853-1855		38
41	Probing the h-core: an investigation of the tail–core ratio for rank distributions. *Scientometrics*, **2010**, 84, 431-439	3	37
40	The Triple Helix of university-industry-government relations at the country level and its dynamic evolution under the pressures of globalization. *Journal of the Association for Information Science and Technology*, **2013**, 64, 2317-2325		36
39	The phenomenon of all-elements-sleeping-beauties in scientific literature. *Scientometrics*, **2012**, 92, 795-799	3	36
38	A study of the "heartbeat spectra" for "sleeping beauties". *Journal of Informetrics*, **2014**, 8, 493-502	3.1	35
37	A unification of three models for the h-index. *Journal of the Association for Information Science and Technology*, **2011**, 62, 205-207		26
36	Abstracting the core subnet of weighted networks based on link strengths. *Journal of the Association for Information Science and Technology*, **2014**, 65, 984-994	2.7	21
35	An investigation on mathematical models of the h-index. *Scientometrics*, **2009**, 81, 493-498	3	21
34	Exploring the directed h-degree in directed weighted networks. *Journal of Informetrics*, **2012**, 6, 619-630	3.1	19
33	Distinguishing sleeping beauties in science. *Scientometrics*, **2016**, 108, 821-828	3	19
32	"Smart girls" versus "sleeping beauties" in the sciences: The identification of instant and delayed recognition by using the citation angle. *Journal of the Association for Information Science and Technology*, **2018**, 69, 359-367	2.7	17
31	Power-law link strength distribution in paper cocitation networks. *Journal of the Association for Information Science and Technology*, **2013**, 64, 1480-1489		15
30	A quantitative relationship between per capita GDP and scientometric criteria. *Scientometrics*, **2007**, 71, 407-413	3	13
29	Identifying "hot papers" and papers with "delayed recognition" in large-scale datasets by using dynamically normalized citation impact scores. *Scientometrics*, **2018**, 116, 655-674	3	11
28	Do we measure novelty when we analyze unusual combinations of cited references? A validation study of bibliometric novelty indicators based on F1000Prime data. *Journal of Informetrics*, **2019**, 13, 100979	3.1	10
27	The "academic trace" of the performance matrix: A mathematical synthesis of the h-index and the integrated impact indicator (I3). *Journal of the Association for Information Science and Technology*, **2014**, 65, 742-750	2.7	9

26	Ratios of h-cores, h-tails and uncited sources in sets of scientific papers and technical patents. *Journal of Informetrics*, **2013**, 7, 190-197	3.1	7
25	A probe into dynamic measures for h-core and h-tail. *Journal of Informetrics*, **2013**, 7, 129-137	3.1	7
24	The Dynamic evolution of core documents: an experimental study based on h-related literature (20052013). *Scientometrics*, **2016**, 106, 369-381	3	6
23	Measuring technological performance of assignees using trace metrics in three fields. *Scientometrics*, **2015**, 104, 61-86	3	6
22	A formal relation between the h-index of a set of articles and their I3 score. *Journal of Informetrics*, **2012**, 6, 34-35	3.1	6
21	Extracting h-Backbone as a Core Structure in Weighted Networks. *Scientific Reports*, **2018**, 8, 14356	4.9	6
20	Statistical characteristics of breakthrough discoveries in science using the metaphor of black and white swans. *Physica A: Statistical Mechanics and Its Applications*, **2017**, 487, 40-46	3.3	5
19	Sequence analysis of annually normalized citation counts: an empirical analysis based on the characteristic scores and scales (CSS) method. *Scientometrics*, **2017**, 113, 1665-1680	3	5
18	Measuring similarity for clarifying layer difference in multiplex ad hoc duplex information networks. *Journal of Informetrics*, **2020**, 14, 100987	3.1	5
17	Identifying associated-sleeping-beauties in swan-groups based on small qualified datasets of physics and economics. *Scientometrics*, **2020**, 122, 1525-1537	3	4
16	h-based I3-type multivariate vectors: multidimensional indicators of publication and citation scores. *Collnet Journal of Scientometrics and Information Management*, **2017**, 11, 153-171	0.5	4
15	Distributive h-indices for measuring multilevel impact. *Journal of the Association for Information Science and Technology*, **2012**, 63, 2074-2086		4
14	A theoretical approach to the unification of informetric models by wave-heat equations. *Journal of the Association for Information Science and Technology*, **2011**, 62, 1208-1211		4
13	Tracing the swan groups of physics and economics in the key publications of nobel laureates. *Scientometrics*, **2019**, 119, 425-436	3	3
12	Identifying 'seed' papers in sciences. *Scientometrics*, **2021**, 126, 6001	3	2
11	Scientific Metrics: Towards Analytical and Quantitative Sciences. *Understanding Complex Systems*, **2017**,	0.4	1
10	Modelling Continuous Percentile Rank Scores and Integrated Impact Indicators (I3) / Une modlisation des notations continues de classement par pourcentage et des indicateurs intgrs d'impact (I3). *Canadian Journal of Information & Library Sciences*, **2013**, 37, 201-206		1
9	The Second-order h-type Indicators for Identifying Top Units. *Data and Information Management*, **2018**, 2, 49-56	1.4	1

8	Simplifying Weighted Heterogeneous Networks by Extracting h-Structure via s-Degree. *Scientific Reports*, **2019**, 9, 18819	4.9	1
7	Characterizing core–periphery structure of complex network by h-core and fingerprint curve. *Physica A: Statistical Mechanics and Its Applications*, **2018**, 492, 1206-1215	3.3	1
6	Probing into the interactions between papers and patents of new CRISPR/CAS9 technology: A citation comparison. *Journal of Informetrics*, **2021**, 15, 101189	3.1	1
5	Extracting a core structure from heterogeneous information network using h-subnet and meta-path strength. *Journal of Informetrics*, **2021**, 15, 101173	3.1	0
4	The h-Type Core Structure in Single-Layer and Multi-layer Weighted Information Networks. *Understanding Complex Systems*, **2017**, 191-214	0.4	
3	The h-Core and h-Tail Distribution with Dynamic Metrics. *Understanding Complex Systems*, **2017**, 215-231	0.4	
2	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. *Canadian Journal of Information & Library Sciences*, **2014**, 38, 127-144		
1	Comparative Study of Trace Metrics between Bibliometrics and Patentometrics. *Journal of Data and Information Science*, **2017**, 1, 13-31	1.2	