

# Fred Y Ye

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2120387/publications.pdf>

Version: 2024-02-01

42  
papers

683  
citations

566801

15  
h-index

580395

25  
g-index

44  
all docs

44  
docs citations

44  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	h-Degree as a basic measure in weighted networks. <i>Journal of Informetrics</i> , 2011, 5, 668-677.	1.4	66
2	Probing the h-core: an investigation of the tailâ€œcore ratio for rank distributions. <i>Scientometrics</i> , 2010, 84, 431-439.	1.6	54
3	The phenomenon of all-elements-sleeping-beauties in scientific literature. <i>Scientometrics</i> , 2012, 92, 795-799.	1.6	50
4	The Triple Helix of universityâ€œindustryâ€œgovernment 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.	2.6	48
5	A study of the â€œheartbeat spectraâ€œfor â€œsleeping beautiesâ€œ. <i>Journal of Informetrics</i> , 2014, 8, 493-502.	1.4	45
6	A proposal for a dynamic hâ€œtype index. <i>Journal of the Association for Information Science and Technology</i> , 2008, 59, 1853-1855.	2.6	42
7	Distinguishing sleeping beauties in science. <i>Scientometrics</i> , 2016, 108, 821-828.	1.6	32
8	â€œSmart girlsâ€œ versus â€œsleeping beautiesâ€œ 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.	1.5	31
9	A unification of three models for the h-index. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 205-207.	2.6	30
10	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.	1.4	27
11	An investigation on mathematical models of the h-index. <i>Scientometrics</i> , 2009, 81, 493-498.	1.6	25
12	Exploring the directed h-degree in directed weighted networks. <i>Journal of Informetrics</i> , 2012, 6, 619-630.	1.4	25
13	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.	1.5	25
14	Identifying â€œhot papersâ€œ and papers with â€œdelayed recognitionâ€œ in large-scale datasets by using dynamically normalized citation impact scores. <i>Scientometrics</i> , 2018, 116, 655-674.	1.6	18
15	A quantitative relationship between per capita GDP and scientometric criteria. <i>Scientometrics</i> , 2007, 71, 407-413.	1.6	17
16	Powerâ€œlaw link strength distribution in paper cocitation networks. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 1480-1489.	2.6	15
17	The â€œacademic traceâ€œ of the performance matrix: A mathematical synthesis of the hâ€œindex and the integrated impact indicator (I3). <i>Journal of the Association for Information Science and Technology</i> , 2014, 65, 742-750.	1.5	12
18	A probe into dynamic measures for h-core and h-tail. <i>Journal of Informetrics</i> , 2013, 7, 129-137.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Extracting h-Backbone as a Core Structure in Weighted Networks. Scientific Reports, 2018, 8, 14356.	1.6	10
20	Measuring similarity for clarifying layer difference in multiplex ad hoc duplex information networks. Journal of Informetrics, 2020, 14, 100987.	1.4	10
21	Ratios of h-cores, h-tails and uncited sources in sets of scientific papers and technical patents. Journal of Informetrics, 2013, 7, 190-197.	1.4	9
22	The Dynamic evolution of core documents: an experimental study based on h-related literature (2005-2013). Scientometrics, 2016, 106, 369-381.	1.6	8
23	A formal relation between the h-index of a set of articles and their I3 score. Journal of Informetrics, 2012, 6, 34-35.	1.4	7
24	Measuring technological performance of assignees using trace metrics in three fields. Scientometrics, 2015, 104, 61-86.	1.6	7
25	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.	1.2	7
26	Tracing the "swan-groups" of physics and economics in the key publications of nobel laureates. Scientometrics, 2019, 119, 425-436.	1.6	7
27	Identifying "associated-sleeping-beauties" in "swan-groups" based on small qualified datasets of physics and economics. Scientometrics, 2020, 122, 1525-1537.	1.6	6
28	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.	2.6	5
29	Sequence analysis of annually normalized citation counts: an empirical analysis based on the characteristic scores and scales (CSS) method. Scientometrics, 2017, 113, 1665-1680.	1.6	5
30	Probing into the interactions between papers and patents of new CRISPR/CAS9 technology: A citation comparison. Journal of Informetrics, 2021, 15, 101189.	1.4	5
31	Distributive h-indices for measuring multilevel impact. Journal of the Association for Information Science and Technology, 2012, 63, 2074-2086.	2.6	4
32	h-based I3-type multivariate vectors: multidimensional indicators of publication and citation scores. Collnet Journal of Scientometrics and Information Management, 2017, 11, 153-171.	0.4	4
33	Extracting a core structure from heterogeneous information network using h-subnet and meta-path strength. Journal of Informetrics, 2021, 15, 101173.	1.4	4
34	Simplifying Weighted Heterogeneous Networks by Extracting h-Structure via s-Degree. Scientific Reports, 2019, 9, 18819.	1.6	3
35	Identifying 'seed' papers in sciences. Scientometrics, 2021, 126, 6001-6011.	1.6	3
36	Characterizing core-periphery structure of complex network by $h$ -core and fingerprint curve. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 1206-1215.	1.2	2

#	ARTICLE	IF	CITATIONS
37	The Second-order h-type Indicators for Identifying Top Units. <i>Data and Information Management</i> , 2018, 2, 49-56.	0.7	2
38	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 &amp; Library Sciences</i> , 2013, 37, 201-206.	0.1	1
39	Comparative Study of Trace Metrics between Bibliometrics and Patentometrics. <i>Journal of Data and Information Science</i> , 2017, 1, 13-31.	0.5	1
40	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 &amp; Library Sciences</i> , 2014, 38, 127-144.	0.1	0
41	The h-Type Core Structure in Single-Layer and Multi-layer Weighted Information Networks. <i>Understanding Complex Systems</i> , 2017, , 191-214.	0.3	0
42	The h-Core and h-Tail Distribution with Dynamic Metrics. <i>Understanding Complex Systems</i> , 2017, , 215-231.	0.3	0