Fred Y Ye

List of Publications by Year
in descending order

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

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42	683	566801 15	580395 25
papers	citations	h-index	g-index

44	44	44	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identifying 'seed' papers in sciences. Scientometrics, 2021, 126, 6001-6011.	1.6	3
2	Extracting a core structure from heterogeneous information network using h-subnet and meta-path strength. Journal of Informetrics, 2021, 15, 101173.	1.4	4
3	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
4	Measuring similarity for clarifying layer difference in multiplex ad hoc duplex information networks. Journal of Informetrics, 2020, 14, 100987.	1.4	10
5	Identifying â€˜associated-sleeping-beautiesâ€™ in â€˜swan-groupsâ€™ based on small qualified datasets of physics and economics. Scientometrics, 2020, 122, 1525-1537.	1.6	6
6	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.	1.4	27
7	Tracing the â€˜swanÂgroupsâ€™ of physics and economics in the key publications of nobel laureates. Scientometrics, 2019, 119, 425-436.	1.6	7
8	Simplifying Weighted Heterogeneous Networks by Extracting h-Structure via s-Degree. Scientific Reports, 2019, 9, 18819.	1.6	3
9	â€œSmart girlsâ€•versus â€œsleeping beautiesâ€•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.	1.5	31
10	Characterizing coreâ€“periphery structure of complex network by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml16" display="inline" overflow="scroll" altimg="si3.gif"><mml:mi>h</mml:mi></mml:math>-core and fingerprint curve. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 1206-1215.	1.2	2
11	Extracting h-Backbone as a Core Structure in Weighted Networks. Scientific Reports, 2018, 8, 14356.	1.6	10
12	Identifying â€œhot papersâ€•and papers with â€œdelayed recognitionâ€•in large-scale datasets by using dynamically normalized citation impact scores. Scientometrics, 2018, 116, 655-674.	1.6	18
13	The Second-order h-type Indicators for Identifying Top Units. Data and Information Management, 2018, 2, 49-56.	0.7	2
14	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
15	The h-Type Core Structure in Single-Layer and Multi-layer Weighted Information Networks. Understanding Complex Systems, 2017, , 191-214.	0.3	0
16	The h-Core and h-Tail Distribution with Dynamic Metrics. Understanding Complex Systems, 2017, , 215-231.	0.3	0
17	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
18	h-basedI3-type multivariate vectors: multidimensional indicators of publication and citation scores. Collnet Journal of Scientometrics and Information Management, 2017, 11, 153-171.	0.4	4

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19	Comparative Study of Trace Metrics between Bibliometrics and Patentometrics. Journal of Data and Information Science, 2017, 1, 13-31.	0.5	1
20	Distinguishing sleeping beauties in science. Scientometrics, 2016, 108, 821-828.	1.6	32
21	The Dynamic evolution of core documents: an experimental study based on h-related literature (2005â€“2013). Scientometrics, 2016, 106, 369-381.	1.6	8
22	Measuring technological performance of assignees using trace metrics in three fields. Scientometrics, 2015, 104, 61-86.	1.6	7
23	A Preliminary Study of the Relationship between the h-Index and Excess Citations / Ã‰tude prÃ©liminaire de la relation entre lâ€™indice de Hirsch (indice-h) et les citations excÃ©dentaires. Canadian Journal of Information & Library Sciences, 2014, 38, 127-144.	0.1	0
24	The â€œacademic traceâ€•of the performance matrix: A mathematical synthesis of the hâ€‘index and the integrated impact indicator (I3). Journal of the Association for Information Science and Technology, 2014, 65, 742-750.	1.5	12
25	Abstracting the core subnet of weighted networks based on link strengths. Journal of the Association for Information Science and Technology, 2014, 65, 984-994.	1.5	25
26	A study of the â€œheartbeat spectraâ€•for â€œsleeping beautiesâ€• Journal of Informetrics, 2014, 8, 493-502.	1.4	45
27	The Triple Helix of universityâ€‘industryâ€‘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.	2.6	48
28	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
29	A probe into dynamic measures for h-core and h-tail. Journal of Informetrics, 2013, 7, 129-137.	1.4	10
30	Powerâ€‘law link strength distribution in paper cocitation networks. Journal of the Association for Information Science and Technology, 2013, 64, 1480-1489.	2.6	15
31	Modelling Continuous Percentile Rank Scores and Integrated Impact Indicators (I3) / Une modÃ©lisation des notations continues de classement par pourcentage et des indicateurs intÃ©grÃ©s d'impact (I3). Canadian Journal of Information & Library Sciences, 2013, 37, 201-206.	0.1	1
32	Exploring the directed h-degree in directed weighted networks. Journal of Informetrics, 2012, 6, 619-630.	1.4	25
33	The phenomenon of all-elements-sleeping-beauties in scientific literature. Scientometrics, 2012, 92, 795-799.	1.6	50
34	Distributive hâ€‘indices for measuring multilevel impact. Journal of the Association for Information Science and Technology, 2012, 63, 2074-2086.	2.6	4
35	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
36	h-Degree as a basic measure in weighted networks. Journal of Informetrics, 2011, 5, 668-677.	1.4	66

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37	A unification of three models for the h-index. Journal of the Association for Information Science and Technology, 2011, 62, 205-207.	2.6	30
38	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
39	Probing the h-core: an investigation of the tailâ€“core ratio for rank distributions. Scientometrics, 2010, 84, 431-439.	1.6	54
40	An investigation on mathematical models of the h-index. Scientometrics, 2009, 81, 493-498.	1.6	25
41	A proposal for a dynamic hâ€type index. Journal of the Association for Information Science and Technology, 2008, 59, 1853-1855.	2.6	42
42	A quantitative relationship between per capita GDP and scientometric criteria. Scientometrics, 2007, 71, 407-413.	1.6	17