

Xuefeng Wang

List of Publications by Year in Descending Order

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Version: 2024-04-25

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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.

39
papers

451
citations

12
h-index

20
g-index

47
ext. papers

603
ext. citations

3.7
avg, IF

3.89
L-index

#	Paper	IF	Citations
39	How pharmaceutical innovation evolves: The path from science to technological development to marketable drugs. <i>Technological Forecasting and Social Change</i> , 2021 , 167, 120698	9.5	1
38	Research status and collaboration analysis based on big data mining: an empirical study of Alzheimer's disease. <i>Technology Analysis and Strategic Management</i> , 2021 , 33, 379-395	3.2	3
37	Revealing potential drug-disease-gene association patterns for precision medicine. <i>Scientometrics</i> , 2021 , 126, 3723-3748	3	2
36	An ensemble learning framework for potential miRNA-disease association prediction with positive-unlabeled data. <i>Computational Biology and Chemistry</i> , 2021 , 95, 107566	3.6	0
35	Evaluating the competitiveness of enterprise's technology based on LDA topic model. <i>Technology Analysis and Strategic Management</i> , 2020 , 32, 208-222	3.2	14
34	Technology Opportunity Analysis: Combining SAO Networks and Link Prediction. <i>IEEE Transactions on Engineering Management</i> , 2019 , 1-11	2.6	3
33	Imbalances Between the Quantity and Quality of China's Solar Energy Research. <i>Sustainability</i> , 2019 , 11, 623	3.6	
32	Identifying R&D partners for dye-sensitized solar cells: a multi-level patent portfolio-based approach. <i>Technology Analysis and Strategic Management</i> , 2019 , 31, 356-370	3.2	4
31	An integrated solution for detecting rising technology stars in co-inventor networks. <i>Scientometrics</i> , 2019 , 121, 137-172	3	12
30	Measuring patent similarity with SAO semantic analysis. <i>Scientometrics</i> , 2019 , 121, 1-23	3	16
29	Identifying the Roles of Research Entities in Technological Knowledge Flow Among Patents Assignees by Using Patent Citations. <i>IEEE Transactions on Engineering Management</i> , 2019 , 1-15	2.6	2
28	Measuring Technology Complementarity Between Enterprises With an hLDA Topic Model. <i>IEEE Transactions on Engineering Management</i> , 2019 , 1-12	2.6	3
27	. <i>IEEE Access</i> , 2019 , 7, 179997-180011	3.5	1
26	An approach to identify emergent topics of technological convergence: A case study for 3D printing. <i>Technological Forecasting and Social Change</i> , 2019 , 146, 723-732	9.5	16
25	Evaluating sustainability of water-energy-food (WEF) nexus using an improved matter-element extension model: A case study of China. <i>Journal of Cleaner Production</i> , 2018 , 202, 1097-1106	10.3	57
24	Identifying R&D partners through Subject-Action-Object semantic analysis in a problem & solution pattern. <i>Technology Analysis and Strategic Management</i> , 2017 , 29, 1167-1180	3.2	10
23	Combining SAO semantic analysis and morphology analysis to identify technology opportunities. <i>Scientometrics</i> , 2017 , 111, 3-24	3	20

22	Measuring interdisciplinarity of a research system: detecting distinction between publication categories and citation categories. <i>Scientometrics</i> , 2017 , 111, 2023-2039	3	12
21	Early insights on the Emerging Sources Citation Index (ESCI): an overlay map-based bibliometric study. <i>Scientometrics</i> , 2017 , 111, 2041-2057	3	17
20	Requirement-oriented core technological components identification based on SAO analysis. <i>Scientometrics</i> , 2017 , 112, 1229-1248	3	12
19	SAO Semantic Information Identification for Text Mining. <i>International Journal of Computational Intelligence Systems</i> , 2017 , 10, 593	3.4	9
18	A Study to Analyze Collaboration Patterns for Asian Library and Information Science (LIS) Scholars on Author, Institutional and Country Levels. <i>Serials Review</i> , 2016 , 42, 18-30	0.3	6
17	Research on the cost forecast of China's photovoltaic industry. <i>R and D Management</i> , 2016 , 46, 3-12	4.1	2
16	Subject-action-object-based morphology analysis for determining the direction of technological change. <i>Technological Forecasting and Social Change</i> , 2016 , 105, 27-40	9.5	46
15	How Does National Scientific Funding Support Emerging Interdisciplinary Research: A Comparison Study of Big Data Research in the US and China. <i>PLoS ONE</i> , 2016 , 11, e0154509	3.7	28
14	Research on commercial potential evaluation of newly & emerging technology: A case study of graphene 2016 ,		1
13	2016 ,		1
12	Generating Competitive Technical Intelligence Using Topical Analysis, Patent Citation Analysis, and Term Clumping Analysis. <i>Innovation, Technology and Knowledge Management</i> , 2016 , 153-172	0.1	3
11	Identification of technology development trends based on subject-action-object analysis: The case of dye-sensitized solar cells. <i>Technological Forecasting and Social Change</i> , 2015 , 98, 24-46	9.5	46
10	A Supervised Requirement-oriented Patent Classification Scheme Based on the Combination of Metadata and Citation Information. <i>International Journal of Computational Intelligence Systems</i> , 2015 , 8, 502-516	3.4	7
9	Collaboration network and pattern analysis: case study of dye-sensitized solar cells. <i>Scientometrics</i> , 2014 , 98, 1745-1762	3	23
8	International Collaboration Activity Index: Case study of dye-sensitized solar cells. <i>Journal of Informetrics</i> , 2014 , 8, 854-862	3.1	10
7	China's patterns of international technological collaboration 1976-2010: a patent analysis study. <i>Technology Analysis and Strategic Management</i> , 2014 , 26, 531-546	3.2	6
6	A hybrid visualisation model for technology roadmapping: bibliometrics, qualitative methodology and empirical study. <i>Technology Analysis and Strategic Management</i> , 2013 , 25, 707-724	3.2	55
5	Panel Data Clustering and Its Application to Discount Rate of B Stock in China 2009 ,		1

4	Discovering technology opportunities based on the linkage between technology and business areas: matching patents and trademarks. <i>Technology Analysis and Strategic Management</i> ,1-17	3.2	1
3	ITGInsightDiscovering and visualizing research fronts in the scientific literature. <i>Scientometrics</i> ,1	3	1
2	Evaluating scientific impact of publications: combining citation polarity and purpose. <i>Scientometrics</i> ,1	3	0
1	Reviewer recommendation method for scientific research proposals: a case for NSFC. <i>Scientometrics</i> ,1	3	0