Xuefeng Wang

List of Publications by Citations

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	Evaluating sustainability of water-energy-food (WEF) nexus using an improved matter-element extension model: A case study of China. *Journal of Cleaner Production*, **2018**, 202, 1097-1106	10.3	57
38	A hybrid visualisation model for technology roadmapping: bibliometrics, qualitative methodology and empirical study. *Technology Analysis and Strategic Management*, **2013**, 25, 707-724	3.2	55
37	Identification of technology development trends based on subject–action–object analysis: The case of dye-sensitized solar cells. *Technological Forecasting and Social Change*, **2015**, 98, 24-46	9.5	46
36	Subject–action–object-based morphology analysis for determining the direction of technological change. *Technological Forecasting and Social Change*, **2016**, 105, 27-40	9.5	46
35	How Does National Scientific Funding Support Emerging Interdisciplinary Research: A Comparison Study of Big Data Research in the US and China. *PLoS ONE*, **2016**, 11, e0154509	3.7	28
34	Collaboration network and pattern analysis: case study of dye-sensitized solar cells. *Scientometrics*, **2014**, 98, 1745-1762	3	23
33	Combining SAO semantic analysis and morphology analysis to identify technology opportunities. *Scientometrics*, **2017**, 111, 3-24	3	20
32	Early insights on the Emerging Sources Citation Index (ESCI): an overlay map-based bibliometric study. *Scientometrics*, **2017**, 111, 2041-2057	3	17
31	Measuring patent similarity with SAO semantic analysis. *Scientometrics*, **2019**, 121, 1-23	3	16
30	An approach to identify emergent topics of technological convergence: A case study for 3D printing. *Technological Forecasting and Social Change*, **2019**, 146, 723-732	9.5	16
29	Evaluating the competitiveness of enterprise's technology based on LDA topic model. *Technology Analysis and Strategic Management*, **2020**, 32, 208-222	3.2	14
28	Measuring interdisciplinarity of a research system: detecting distinction between publication categories and citation categories. *Scientometrics*, **2017**, 111, 2023-2039	3	12
27	An integrated solution for detecting rising technology stars in co-inventor networks. *Scientometrics*, **2019**, 121, 137-172	3	12
26	Requirement-oriented core technological components' identification based on SAO analysis. *Scientometrics*, **2017**, 112, 1229-1248	3	12
25	Identifying R&D partners through Subject-Action-Object semantic analysis in a problem & solution pattern. *Technology Analysis and Strategic Management*, **2017**, 29, 1167-1180	3.2	10
24	International Collaboration Activity Index: Case study of dye-sensitized solar cells. *Journal of Informetrics*, **2014**, 8, 854-862	3.1	10
23	SAO Semantic Information Identification for Text Mining. *International Journal of Computational Intelligence Systems*, **2017**, 10, 593	3.4	9

22	A Supervised Requirement-oriented Patent Classification Scheme Based on the Combination of Metadata and Citation Information. *International Journal of Computational Intelligence Systems*, **2015**, 8, 502-516	3.4	7
21	A Study to Analyze Collaboration Patterns for Asian Library and Information Science (LIS) Scholars on Author, Institutional and Country Levels. *Serials Review*, **2016**, 42, 18-30	0.3	6
20	China's patterns of international technological collaboration 1976-2010: a patent analysis study. *Technology Analysis and Strategic Management*, **2014**, 26, 531-546	3.2	6
19	Identifying R&D partners for dye-sensitized solar cells: a multi-level patent portfolio-based approach. *Technology Analysis and Strategic Management*, **2019**, 31, 356-370	3.2	4
18	Technology Opportunity Analysis: Combining SAO Networks and Link Prediction. *IEEE Transactions on Engineering Management*, **2019**, 1-11	2.6	3
17	Generating Competitive Technical Intelligence Using Topical Analysis, Patent Citation Analysis, and Term Clumping Analysis. *Innovation, Technology and Knowledge Management*, **2016**, 153-172	0.1	3
16	Measuring Technology Complementarity Between Enterprises With an hLDA Topic Model. *IEEE Transactions on Engineering Management*, **2019**, 1-12	2.6	3
15	Research status and collaboration analysis based on big data mining: an empirical study of Alzheimer's disease. *Technology Analysis and Strategic Management*, **2021**, 33, 379-395	3.2	3
14	Research on the cost forecast of China's photovoltaic industry. *R and D Management*, **2016**, 46, 3-12	4.1	2
13	Identifying the Roles of Research Entities in Technological Knowledge Flow Among Patents Assignees by Using Patent Citations. *IEEE Transactions on Engineering Management*, **2019**, 1-15	2.6	2
12	Revealing potential drug-disease-gene association patterns for precision medicine. *Scientometrics*, **2021**, 126, 3723-3748	3	2
11	Panel Data Clustering and Its Application to Discount Rate of B Stock in China **2009**,		1
10	Discovering technology opportunities based on the linkage between technology and business areas: matching patents and trademarks. *Technology Analysis and Strategic Management*, 1-17	3.2	1
9	ITGInsight-discovering and visualizing research fronts in the scientific literature. *Scientometrics*, 1	3	1
8	How pharmaceutical innovation evolves: The path from science to technological development to marketable drugs. *Technological Forecasting and Social Change*, **2021**, 167, 120698	9.5	1
7	Research on commercial potential evaluation of newly & emerging technology: A case study of graphene **2016**,		1
6	**2016**,		1
5	. *IEEE Access*, **2019**, 7, 179997-180011	3.5	1

4	Evaluating scientific impact of publications: combining citation polarity and purpose. *Scientometrics*,1	3	0
3	An ensemble learning framework for potential miRNA-disease association prediction with positive-unlabeled data. *Computational Biology and Chemistry*, **2021**, 95, 107566	3.6	0
2	Reviewer recommendation method for scientific research proposals: a case for NSFC. *Scientometrics*,1	3	0
1	Imbalances Between the Quantity and Quality of China's Solar Energy Research. *Sustainability*, **2019**, 11, 623	3.6	