Yuan Zhou

List of Publications by Year in Descending Order

59 papers	1,036 citations	20 h-index	30 g-index
70 ext. papers	1,394 ext. citations	5 avg, IF	5.19 L-index

#	Paper	IF	Citations
59	A crowd-sourced valuation of recreational ecosystem services using mobile signal data applied to a restored wetland in China. *Ecological Economics*, **2022**, 192, 107249	5.6	2
58	The Innovation Effect of Intelligent Connected Vehicle Policies in China. *IEEE Access*, **2022**, 10, 24738-24748	3.9	2
57	Elements, characteristics, and performances of inter-enterprise knowledge recombination: Empirical research on green innovation adoption in China's heavily polluting industry.. *Journal of Environmental Management*, **2022**, 310, 114736	7.9	1
56	Analysis of Spatial□Temporal Characteristics of Industrial Land Supply Scale in Relation to Industrial Structure in China. *Land*, **2021**, 10, 1272	3.5	3
55	China□ leadership in the hydropower sector: identifying green windows of opportunity for technological catch-up. *Industrial and Corporate Change*, **2021**, 29, 1319-1343	2.1	14
54	Introduction to the Special Issue on the New Silk Road of Innovation: R&D Networks, Knowledge Diffusions, and Open Innovation. *R and D Management*, **2021**, 51, 243-246	4.1	2
53	Does green industrial policy promote the sustainable growth of polluting firms? Evidences from China. *Science of the Total Environment*, **2021**, 764, 142927	10.2	9
52	. *IEEE Transactions on Engineering Management*, **2021**, 68, 1388-1397	2.6	0
51	A deep learning framework to early identify emerging technologies in large-scale outlier patents: an empirical study of CNC machine tool. *Scientometrics*, **2021**, 126, 969-994	3	6
50	How Can Government Promote Technology Diffusion in Manufacturing Paradigm Shift? Evidence From China. *IEEE Transactions on Engineering Management*, **2020**, 1-13	2.6	4
49	Mapping an innovation ecosystem using network clustering and community identification: a multi-layered framework. *Scientometrics*, **2020**, 124, 2057-2081	3	5
48	Monitoring and forecasting the development trends of nanogenerator technology using citation analysis and text mining. *Nano Energy*, **2020**, 71, 104636	17.1	10
47	Identifying technology evolution pathways using topic variation detection based on patent data: A case study of 3D printing. *Futures*, **2020**, 118, 102530	3.6	6
46	Forecasting emerging technologies using data augmentation and deep learning. *Scientometrics*, **2020**, 123, 1-29	3	26
45	A novel topic model for documents by incorporating semantic relations between words. *Soft Computing*, **2020**, 24, 11407-11423	3.5	2
44	Mapping the technology evolution path: a novel model for dynamic topic detection and tracking. *Scientometrics*, **2020**, 125, 2043-2090	3	7
43	Environmental Policy Mixes and Green Industrial Development: An Empirical Study of the Chinese Textile Industry From 1998 to 2012. *IEEE Transactions on Engineering Management*, **2020**, 1-13	2.6	5

42	Wasserstein GAN-Based Small-Sample Augmentation for New-Generation Artificial Intelligence: A Case Study of Cancer-Staging Data in Biology. *Engineering*, **2019**, 5, 156-163	9.7	64
41	A novel method to identify emerging technologies using a semi-supervised topic clustering model: a case of 3D printing industry. *Scientometrics*, **2019**, 120, 167-185	3	10
40	Unfolding the convergence process of scientific knowledge for the early identification of emerging technologies. *Technological Forecasting and Social Change*, **2019**, 144, 205-220	9.5	29
39	Identifying and monitoring the development trends of emerging technologies using patent analysis and Twitter data mining: The case of perovskite solar cell technology. *Technological Forecasting and Social Change*, **2019**, 146, 687-705	9.5	44
38	Upgrading Pathways of Intelligent Manufacturing in China: Transitioning across Technological Paradigms. *Engineering*, **2019**, 5, 691-701	9.7	20
37	Exploring the Development of Research, Technology and Business of Machine Tool Domain in New-Generation Information Technology Environment Based on Machine Learning. *Sustainability*, **2019**, 11, 3316	3.6	9
36	Identifying Technology Evolution Pathways by Integrating Citation Network and Text Mining **2019**,		1
35	The Impact of Corporate Social Responsibility on Firms Innovation in China: The Role of Institutional Support. *Sustainability*, **2019**, 11, 6369	3.6	11
34	Big data analysis adaptation and enterprises competitive advantages: the perspective of dynamic capability and resource-based theories. *Technology Analysis and Strategic Management*, **2019**, 31, 406-420	2.2	27
33	How do low-carbon policies promote green diffusion among alliance-based firms in China? An evolutionary-game model of complex networks. *Journal of Cleaner Production*, **2019**, 210, 518-529	10.3	67
32	Comparing the innovation strategies of Chinese and European wind turbine firms through a patent lens. *Environmental Innovation and Societal Transitions*, **2019**, 30, 6-18	7.6	11
31	Exploring innovation ecosystems across science, technology, and business: A case of 3D printing in China. *Technological Forecasting and Social Change*, **2018**, 136, 208-221	9.5	69
30	Visualizing the knowledge profile on self-powered technology. *Nano Energy*, **2018**, 51, 250-259	17.1	10
29	Comparing the International Knowledge Flow of China Wind and Solar Photovoltaic (PV) Industries: Patent Analysis and Implications for Sustainable Development. *Sustainability*, **2018**, 10, 1883	3.6	27
28	Stakeholder Risk and Trust Perceptions in the Diffusion of Green Manufacturing Technologies: Evidence From China. *Journal of Environment and Development*, **2018**, 27, 46-73	2.3	14
27	Engineering and Technology Management **2018**, 11-48		1
26	Comparing the Technology Trajectories of Solar PV and Solar Water Heaters in China: Using a Patent Lens. *Sustainability*, **2018**, 10, 4166	3.6	8
25	Innovation core, innovation semi-periphery and technology transfer: The case of wind energy patents. *Energy Policy*, **2018**, 120, 213-227	7.2	27

24	Energy Performance Contract models for the diffusion of green-manufacturing technologies in China: A stakeholder analysis from SMEs' perspective. *Energy Policy*, **2017**, 106, 59-67	7.2	48
23	Using the data mining method to assess the innovation gap: A case of industrial robotics in a catching-up country. *Technological Forecasting and Social Change*, **2017**, 119, 80-97	9.5	33
22	Clustering enterprises into eco-industrial parks: Can interfirm alliances help small and medium-sized enterprises?. *Journal of Cleaner Production*, **2017**, 168, 1070-1079	10.3	23
21	Regulating the environmental behavior of manufacturing SMEs: Interfirm alliance as a facilitator. *Journal of Cleaner Production*, **2017**, 165, 393-404	10.3	15
20	Managing knowledge sharing in distributed innovation from the perspective of developers: empirical study of open source software projects in China. *Technology Analysis and Strategic Management*, **2017**, 29, 1-22	3.2	27
19	Convergence or divergence? Wind power innovation paths in Europe and Asia. *Science and Public Policy*, **2016**, 43, 400-413	1.8	17
18	Comparing the knowledge bases of wind turbine firms in Asia and Europe: Patent trajectories, networks, and globalisation. *Science and Public Policy*, **2016**, 43, 476-491	1.8	34
17	Mechanisms of knowledge sharing in open source software projects: a comparison of Chinese and Western practice. *International Journal of Technology Intelligence and Planning*, **2016**, 11, 117	0.4	1
16	Roadmapping for industrial emergence and innovation gaps to catch-up: a patent-based analysis of OLED industry in China. *International Journal of Technology Management*, **2016**, 72, 105	1.2	19
15	Local implementation for green-manufacturing technology diffusion policy in China: from the user firms' perspectives. *Journal of Cleaner Production*, **2016**, 129, 113-124	10.3	40
14	Firm-level technology transfer and technology cooperation for wind energy between Europe, China and India: From North–South to South–North cooperation?. *Energy for Sustainable Development*, **2015**, 28, 29-40	5.4	29
13	Successful or unsuccessful open source software projects: What is the key? **2015**,		1
12	Integrating bibliometrics and roadmapping methods: A case of dye-sensitized solar cell technology-based industry in China. *Technological Forecasting and Social Change*, **2015**, 97, 205-222	9.5	63
11	How public demonstration projects affect the emergence of new industries: an empirical study of electric vehicles in China. *Innovation: Management, Policy and Practice*, **2015**, 17, 159-181	1.3	20
10	How do Public Demonstration Projects Promote Green-Manufacturing Technologies? A Case Study from China. *Sustainable Development*, **2015**, 23, 217-231	6.7	38
9	Effects of control in open innovation: an empirical study of university-industry cooperation in China. *International Journal of Technology, Policy and Management*, **2014**, 14, 346	0.3	5
8	Building global products and competing in innovation: the role of Chinese university spin-outs and required innovation capabilities. *International Journal of Technology Management*, **2014**, 64, 180	1.2	18
7	University science parks and promoting knowledge transfer in emerging economies: A study on required attributes with evidences from South Africa and China **2013**,		1

6	A policy dimension required for technology roadmapping: learning from the emergence of Chinese wind turbine industry. *International Journal of Environment and Sustainable Development*, **2013**, 12, 3	1.3	6
5	Key actors and their motives for wind energy innovation in China. *Innovation and Development*, **2012**, 2, 111-130	1	21
4	Effects of relational embeddedness on technological innovation. *Chinese Management Studies*, **2012**, 6, 108-123	1.8	11
3	Roadmapping an emerging energy technology: an ex-ante examination of dimethyl ether development in China. *International Journal of Product Development*, **2012**, 17, 296	0.7	5
2	Barriers to entrepreneurial growth: an empirical study on university spin-offs in China. *Journal of Science and Technology Policy in China*, **2011**, 2, 277-294		7
1	Entrepreneurial innovation problems associated with the dynamic growth of university spin-outs in China: a capabilities perspective. *International Journal of Entrepreneurship and Innovation Management*, **2010**, 12, 330	0.4	1