

Yang Liu

List of Publications by Year in descending order

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110
papers

4,428
citations

101543

36
h-index

114465

63
g-index

115
all docs

115
docs citations

115
times ranked

3508
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk preference, prior experience, and serial entrepreneurship performance: evidence from China. <i>Asia Pacific Business Review</i> , 2023, 29, 613-631.	2.9	2
2	An Advanced Operation Mode with Product-Service System Using Lifecycle Big Data and Deep Learning. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2022, 9, 287-303.	4.9	15
3	Ensemble transfer learning for cutting energy consumption prediction of aviation parts towards green manufacturing. <i>Journal of Cleaner Production</i> , 2022, 331, 129920.	9.3	15
4	Sustainable service oriented equipment maintenance management of steel enterprises using a two-stage optimization approach. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022, 75, 102311.	9.9	6
5	Enhancing the value of corporate sustainability: An approach for aligning multiple SDGs guides on reporting. <i>Journal of Cleaner Production</i> , 2022, 333, 130005.	9.3	24
6	Reinforcement learning based optimal decision making towards product lifecycle sustainability. <i>International Journal of Computer Integrated Manufacturing</i> , 2022, 35, 1269-1296.	4.6	4
7	Sustainable waste electrical and electronic equipment management guide in emerging economies context: A structural model approach. <i>Journal of Cleaner Production</i> , 2022, 336, 130391.	9.3	25
8	CPS-enabled and knowledge-aided demand response strategy for sustainable manufacturing. <i>Advanced Engineering Informatics</i> , 2022, 52, 101534.	8.0	12
9	A memetic algorithm for energy-efficient scheduling of integrated production and shipping. <i>International Journal of Computer Integrated Manufacturing</i> , 2022, 35, 1246-1268.	4.6	0
10	Managing e-waste from a closed-loop lifecycle perspective: China's challenges and fund policy redesign. <i>Environmental Science and Pollution Research</i> , 2022, 29, 47713-47724.	5.3	13
11	How Social Network Influences the Growth of Entrepreneurial Enterprises: Perspective on Organizational and Personal Network. <i>SAGE Open</i> , 2022, 12, 215824402211081.	1.7	2
12	An Online Learning Collaborative Method for Traffic Forecasting and Routing Optimization. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 6634-6645.	8.0	14
13	The sustainability of ecotourism stakeholders in ecologically fragile areas: Implications for cleaner production. <i>Journal of Cleaner Production</i> , 2021, 279, 123606.	9.3	29
14	Refund policies and core classification errors in the presence of customers' choice behaviour in remanufacturing. <i>International Journal of Production Research</i> , 2021, 59, 3553-3571.	7.5	3
15	Evolutionary game based real-time scheduling for energy-efficient distributed and flexible job shop. <i>Journal of Cleaner Production</i> , 2021, 293, 126093.	9.3	45
16	A fuzzy bi-level optimization model for multi-period post-disaster relief distribution in sustainable humanitarian supply chains. <i>International Journal of Production Economics</i> , 2021, 235, 108081.	8.9	63
17	Industrial Internet of Things enabled supply-side energy modelling for refined energy management in aluminium extrusions manufacturing. <i>Journal of Cleaner Production</i> , 2021, 301, 126882.	9.3	17
18	Deep reinforcement learning-based safe interaction for industrial human-robot collaboration using intrinsic reward function. <i>Advanced Engineering Informatics</i> , 2021, 49, 101360.	8.0	47

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19	Sustainable operations-oriented painting process optimisation in automobile maintenance service. Journal of Cleaner Production, 2021, 324, 129191.	9.3	5
20	Fuzzy Ensemble of Multi-Criteria Decision Making Methods for Heating Energy Transition in Danish Households. Mathematics, 2021, 9, 2420.	2.2	8
21	Enhancing cutting tool sustainability based on remaining useful life prediction. Journal of Cleaner Production, 2020, 244, 118794.	9.3	29
22	Development of a lean manufacturing framework to enhance its adoption within manufacturing companies in developing economies. Journal of Cleaner Production, 2020, 245, 118726.	9.3	124
23	Infinitely repeated game based real-time scheduling for low-carbon flexible job shop considering multi-time periods. Journal of Cleaner Production, 2020, 247, 119093.	9.3	28
24	How can smart technologies contribute to sustainable product lifecycle management?. Journal of Cleaner Production, 2020, 249, 119423.	9.3	54
25	The impacts of China's fund policy on waste electrical and electronic equipment utilization. Journal of Cleaner Production, 2020, 251, 119582.	9.3	30
26	Digital twin-based opti-state control method for a synchronized production operation system. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101892.	9.9	64
27	Sustainability Assessment of Intelligent Manufacturing Supported by Digital Twin. IEEE Access, 2020, 8, 174988-175008.	4.2	156
28	Entrepreneurial Experience and Performance: From the Aspect of Sustainable Growth of Enterprises. Sustainability, 2020, 12, 7351.	3.2	6
29	Data-driven sustainable intelligent manufacturing based on demand response for energy-intensive industries. Journal of Cleaner Production, 2020, 274, 123155.	9.3	114
30	An active preventive maintenance approach of complex equipment based on a novel product-service system operation mode. Journal of Cleaner Production, 2020, 277, 123365.	9.3	51
31	Optimizing supply chain configuration with low carbon emission. Journal of Cleaner Production, 2020, 271, 122539.	9.3	12
32	A deeper investigation of different types of core users and their contributions for sustainable innovation in a company-hosted online co-creation community. Journal of Cleaner Production, 2020, 256, 120397.	9.3	6
33	Decision-making of product-service system solution selection based on integrated weight and technique for order preference by similarity to an ideal solution. IET Collaborative Intelligent Manufacturing, 2020, 2, 102-108.	3.3	3
34	Toward an ecological civilization: Mass comprehensive ecotourism indications among domestic visitors to a Chinese wetland protected area. Tourism Management, 2019, 70, 59-68.	9.8	71
35	A cloud service platform integrating additive and subtractive manufacturing with high resource efficiency. Journal of Cleaner Production, 2019, 241, 118379.	9.3	42
36	A two-stage ant colony algorithm for hybrid flow shop scheduling with lot sizing and calendar constraints in printed circuit board assembly. Computers and Industrial Engineering, 2019, 138, 106115.	6.3	39

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37	What biological evolution teaches about sustainable engineering innovation. Journal of Cleaner Production, 2019, 240, 118267.	9.3	0
38	Innovating with Limited Resources: The Antecedents and Consequences of Frugal Innovation. Sustainability, 2019, 11, 5789.	3.2	27
39	Smart Product-Service Systems Solution Design via Hybrid Crowd Sensing Approach. IEEE Access, 2019, 7, 128463-128473.	4.2	29
40	Barriers to smart waste management for a circular economy in China. Journal of Cleaner Production, 2019, 240, 118198.	9.3	241
41	Long/Short-Term Utility Aware Optimal Selection of Manufacturing Service Composition Toward Industrial Internet Platforms. IEEE Transactions on Industrial Informatics, 2019, 15, 3712-3722.	11.3	39
42	Organizational coordination in sustainable humanitarian supply chain: An evolutionary game approach. Journal of Cleaner Production, 2019, 219, 291-303.	9.3	85
43	A systematic review of recent developments in disaster waste management. Journal of Cleaner Production, 2019, 235, 822-840.	9.3	55
44	Consensus aware manufacturing service collaboration optimization under blockchain based Industrial Internet platform. Computers and Industrial Engineering, 2019, 135, 1025-1035.	6.3	66
45	Improved augmented Lagrangian coordination for optimizing supply chain configuration with multiple sharing elements in industrial cluster. Industrial Management and Data Systems, 2019, 119, 743-773.	3.7	6
46	Multiagent and Bargaining-Game-Based Real-Time Scheduling for Internet of Things-Enabled Flexible Job Shop. IEEE Internet of Things Journal, 2019, 6, 2518-2531.	8.7	70
47	IoT-enabled dynamic lean control mechanism for typical production systems. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1009-1023.	4.9	33
48	An "Internet of Things" enabled dynamic optimization method for smart vehicles and logistics tasks. Journal of Cleaner Production, 2019, 215, 806-820.	9.3	99
49	A comprehensive review of big data analytics throughout product lifecycle to support sustainable smart manufacturing: A framework, challenges and future research directions. Journal of Cleaner Production, 2019, 210, 1343-1365.	9.3	275
50	Extracting key factors for sustainable development of enterprises: Case study of SMEs in Taiwan. Journal of Cleaner Production, 2019, 209, 1152-1169.	9.3	54
51	Early-warning analysis of crowd stampede in metro station commercial area based on internet of things. Multimedia Tools and Applications, 2019, 78, 30141-30157.	3.9	12
52	The "Internet of Things" enabled real-time scheduling for remanufacturing of automobile engines. Journal of Cleaner Production, 2018, 185, 562-575.	9.3	90
53	Mutual Trust: Joint Performance of an Operations Strategy Implementation"Securing the Value Chain by Preparedness. , 2018, , 175-190.		1
54	How government subsidies promote the growth of entrepreneurial companies in clean energy industry: An empirical study in China. Journal of Cleaner Production, 2018, 188, 508-520.	9.3	80

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55	A novel multi-objective programming model of relief distribution for sustainable disaster supply chain in large-scale natural disasters. <i>Journal of Cleaner Production</i> , 2018, 174, 1422-1435.	9.3	127
56	Supply chain operations for a circular economy. <i>Production Planning and Control</i> , 2018, 29, 419-424.	8.8	89
57	An improved non-local means filter for color image denoising. <i>Optik</i> , 2018, 173, 157-173.	2.9	26
58	Development of distributed cache strategy for analytic cluster in an Internet of Things system. , 2018, , .		0
59	A big data driven analytical framework for energy-intensive manufacturing industries. <i>Journal of Cleaner Production</i> , 2018, 197, 57-72.	9.3	149
60	Research on services encapsulation and virtualization access model of machine for cloud manufacturing. <i>Journal of Intelligent Manufacturing</i> , 2017, 28, 1109-1123.	7.3	109
61	Linking capabilities to green operations strategies: The moderating role of corporate environmental proactivity. <i>International Journal of Production Economics</i> , 2017, 187, 182-195.	8.9	106
62	A framework for Big Data driven product lifecycle management. <i>Journal of Cleaner Production</i> , 2017, 159, 229-240.	9.3	168
63	Analytical target cascading for optimal configuration of cloud manufacturing services. <i>Journal of Cleaner Production</i> , 2017, 151, 330-343.	9.3	61
64	Configuring use-oriented aero-engine overhaul service with multi-objective optimization for environmental sustainability. <i>Journal of Cleaner Production</i> , 2017, 162, S94-S106.	9.3	14
65	Innovative products and services for sustainable societal development: Current reality, future potential and challenges. <i>Journal of Cleaner Production</i> , 2017, 162, S1-S10.	9.3	15
66	Game theory based real-time multi-objective flexible job shop scheduling considering environmental impact. <i>Journal of Cleaner Production</i> , 2017, 167, 665-679.	9.3	100
67	Towards increased innovativeness and sustainability through organizational culture: A case study of a Finnish construction business. <i>Journal of Cleaner Production</i> , 2017, 142, 3184-3193.	9.3	61
68	A big data analytics architecture for cleaner manufacturing and maintenance processes of complex products. <i>Journal of Cleaner Production</i> , 2017, 142, 626-641.	9.3	339
69	A Method for Lifecycle Design of Product/Service Systems Using PLM Software. <i>IFIP Advances in Information and Communication Technology</i> , 2017, , 710-718.	0.7	5
70	A comprehensive analysis of cleaner production policies in China. <i>Journal of Cleaner Production</i> , 2016, 135, 1138-1149.	9.3	58
71	Smart box-enabled productâ€‘service system for cloud logistics. <i>International Journal of Production Research</i> , 2016, 54, 6693-6706.	7.5	93
72	Virtual design and construction: innovation process and diffusion in Finnish construction business. <i>International Journal of Innovation and Learning</i> , 2015, 18, 133.	0.4	3

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73	Design as a source of international competitive advantage for SMOPEC firms. <i>International Journal of Innovation and Learning</i> , 2015, 18, 277.	0.4	3
74	Evaluation And Selection Process of Suppliers Through Analytical Framework: An Emprical Evidence of Evaluation Tool. <i>Management and Production Engineering Review</i> , 2015, 6, 10-20.	1.4	19
75	Analyzing Sustainable Competitive Advantage: Strategically Managing Resource Allocations to Achieve Operational Competitiveness. <i>Management and Production Engineering Review</i> , 2015, 6, 70-86.	1.4	9
76	An Optimization Clustering Algorithm Based on Texture Feature Fusion for Color Image Segmentation. <i>Algorithms</i> , 2015, 8, 234-247.	2.1	6
77	Meteorological information service support system in wind park application. <i>Benchmarking</i> , 2015, 22, 222-237.	4.6	2
78	A combinatorial optimization model for enterprise patent transfer. <i>Information Technology and Management</i> , 2015, 16, 327-337.	2.4	5
79	Call for papers for a Special Volume of the <i>Journal of Cleaner Production</i> on "Innovative Products and Services for Sustainable Societal Development". <i>Journal of Cleaner Production</i> , 2015, 93, 1-4.	9.3	6
80	Key success factors for implementing Taiwan TrainQuali System (TTQS) in Taiwanese enterprises. <i>Production and Manufacturing Research</i> , 2015, 3, 84-102.	1.5	1
81	Insights into the nature of food safety issues in Beijing through content analysis of an Internet database of food safety incidents in China. <i>Food Control</i> , 2015, 51, 206-211.	5.5	40
82	Evaluating and developing resource-based operations strategy for competitive advantage: an exploratory study of Finnish high-tech manufacturing industries. <i>International Journal of Production Research</i> , 2015, 53, 1019-1037.	7.5	77
83	What Lead to the Successful Mobile Phone Game? " Story of birds who cannot fly but they have enough angriness. <i>Journal on Innovation and Sustainability</i> , 2014, 5, 71.	0.3	0
84	Technology Diffusion of Cloud Computing. <i>Journal on Innovation and Sustainability</i> , 2014, 5, 80.	0.3	0
85	An Improved RRT Based Path Planning with Safe Navigation. <i>Applied Mechanics and Materials</i> , 2014, 494-495, 1080-1083.	0.2	5
86	Understanding the Impact of "Hard" and "Soft" Elements of TQM in South-East European Firms. <i>Management and Production Engineering Review</i> , 2014, 5, 9-13.	1.4	5
87	A quaternion-based switching filter for colour image denoising. <i>Signal Processing</i> , 2014, 102, 216-225.	3.7	28
88	Validating performance based critical actions in a high tech start-up. <i>Management and Production Engineering Review</i> , 2014, 5, 74-86.	1.4	1
89	Sustainable competitive advantage in turbulent business environments. <i>International Journal of Production Research</i> , 2013, 51, 2821-2841.	7.5	84
90	Implementing Sustainable Competitive Advantage to the Public Sector's Management System " By Sense and Respond Methodology in Facilities Services Unit's Preparedness. <i>Management and Production Engineering Review</i> , 2013, 4, 76-86.	1.4	1

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91	Analytical Evaluation of Sustainable Competitive Advantage. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1240-1243.	0.4	3
92	Development of Quality Management Systems: How Have Disruptive Technological Innovations in Quality Management Affected Organizations?. Quality Innovation Prosperity, 2013, 17, .	1.4	17
93	Quality Management in the New Product Development: a PPAP Approach. Quality Innovation Prosperity, 2013, 17, .	1.4	7
94	Validating Knowledge and Technology Effects to Operative Sustainable Competitive Advantage. Management and Production Engineering Review, 2013, 4, 45-54.	1.4	4
95	Transformational Leadership in Operational Competitiveness Improvement: A Case Study in Malaysian Automotive Industry. Management and Production Engineering Review, 2012, 3, 62-70.	1.4	9
96	Operations strategy optimization based on developed sense and respond methodology. Journal on Innovation and Sustainability, 2012, 3, 25.	0.3	8
97	Evaluation method of productâ€“service performance. International Journal of Computer Integrated Manufacturing, 2012, 25, 150-157.	4.6	26
98	Operational Competitiveness Development and Its Risk Evaluation. Journal on Innovation and Sustainability, 2011, 2, 2.	0.3	1
99	Research on the group decision-making about emergency event based on network technology. Information Technology and Management, 2011, 12, 137-147.	2.4	28
100	Competitiveness development of Chinese manufacturing enterprises in global context for crisis management. International Journal of Management and Enterprise Development, 2010, 9, 87.	0.3	6
101	Benchmarking and developing the operational competitiveness of Chinese state-owned manufacturing enterprises in a global context. International Journal of Innovation and Learning, 2010, 7, 202.	0.4	9
102	Operational competitiveness of Chinese aeronautics and astronautics manufacturing companies in global context. , 2009, , .		0
103	Competitiveness of Chinese highâ€“tech manufacturing companies in global context. Industrial Management and Data Systems, 2009, 109, 404-424.	3.7	21
104	Operational competitiveness research of chinese high-tech international manufacturing company in global context. , 2008, , .		1
105	Enhancement of Short Range Wireless Communication Performance Using Adaptive Frequency Hopping. , 2008, , .		0
106	Operational Competitiveness of Chinese State-Owned Manufacturing Enterprise in Global Context. , 2008, , .		1
107	Global manufacturing strategies require â€œdynamic engineersâ€œ. Industrial Management and Data Systems, 2007, 107, 326-344.	3.7	23
108	A Study Towards Reliability- and Delay-Critical Wireless Communication for RoboCup Robotic Soccer Application. , 2007, , .		4

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109	A Study Towards Enhanced Reliability Performance of Remote Control and Monitoring Application Over Commercial Wireless Communication Networks. , 2006, , .		0
110	Bin Packing Solution for Automated Packaging Application. Applied Mechanics and Materials, 0, 143-144, 279-283.	0.2	1