Yi Wang

List of Publications by Year
in descending order

50	1,617	623734	395702
papers	citations	14	33
		h-index	g-index

54	54	54	1773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Industry 4.0: a way from mass customization to mass personalization production. Advances in Manufacturing, 2017, 5, 311-320.	6.1	339
2	Particle Swarm Optimization (PSO) for the constrained portfolio optimization problem. Expert Systems With Applications, 2011, 38, 10161-10169.	7.6	224
3	Fault diagnosis and prognosis using wavelet packet decomposition, Fourier transform and artificial neural network. Journal of Intelligent Manufacturing, 2013, 24, 1213-1227.	7.3	196
4	Intelligent predictive maintenance for fault diagnosis and prognosis in machine centers: Industry 4.0 scenario. Advances in Manufacturing, 2017, 5, 377-387.	6.1	181
5	A hybrid intelligent method for modelling the EDM process. International Journal of Machine Tools and Manufacture, 2003, 43, 995-999.	13.4	131
6	A deep learning approach for anomaly detection based on SAE and LSTM in mechanical equipment. International Journal of Advanced Manufacturing Technology, 2019, 103, 499-510.	3.0	101
7	Automatic detection of false positive RFID readings using machine learning algorithms. Expert Systems With Applications, 2018, 91, 442-451.	7.6	58
8	A deep learning driven method for fault classification and degradation assessment in mechanical equipment. Computers in Industry, 2019, 104, 1-10.	9.9	58
9	A study on adaptation lightweight architecture based deep learning models for bearing fault diagnosis under varying working conditions. Expert Systems With Applications, 2020, 160, 113710.	7.6	56
10	The application of Industry 4.0 technologies in sustainable logistics: a systematic literature review (2012–2020) to explore future research opportunities. Environmental Science and Pollution Research, 2022, 29, 9560-9591.	5.3	46
11	The Optimization for Hyperbolic Positioning of UHF Passive RFID Tags. IEEE Transactions on Automation Science and Engineering, 2017, 14, 1590-1600.	5.2	42
12	A data-driven method based on deep belief networks for backlash error prediction in machining centers. Journal of Intelligent Manufacturing, 2020, 31, 1693-1705.	7.3	39
13	A conceptual framework to develop green textiles in the aeronautic completion industry: a case study in a large manufacturing company. Journal of Cleaner Production, 2015, 105, 371-388.	9.3	29
14	A novel method for the evaluation of fashion product design based on data mining. Advances in Manufacturing, 2017, 5, 370-376.	6.1	24
15	A surrogate-assisted optimization approach for multi-response end milling of aluminum alloy AA3105. International Journal of Advanced Manufacturing Technology, 2020, 111, 2419-2439.	3.0	12
16	Combining data mining and Game Theory in manufacturing strategy analysis. Journal of Intelligent Manufacturing, 2007, 18, 505-511.	7.3	10
17	Framework and case study of cognitive maintenance in Industry 4.0. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 1493-1504.	2.6	10
18	LSTM Based Prediction and Time-Temperature Varying Rate Fusion for Hydropower Plant Anomaly Detection: A Case Study. Lecture Notes in Electrical Engineering, 2019, , 86-94.	0.4	10

#	Article	IF	Citations
19	Integration of Data Mining with Game Theory. , 2006, , 275-280.		9
20	Ontology-based interoperability solutions for textile supply chain. Advances in Manufacturing, 2014, 2, 97-105.	6.1	5
21	Applying intelligent cultural networks to marketing analysis. International Marketing Review, 2009, 26, 542-553.	3.6	4
22	An Improved Hybrid Algorithm Based on Biogeography/Complex and Metropolis for Many-Objective Optimization. Mathematical Problems in Engineering, 2017, 2017, 1-14.	1.1	4
23	Research on Real-Time Monitoring Technology of Equipment Based on Augmented Reality. Lecture Notes in Electrical Engineering, 2019, , 141-150.	0.4	4
24	Research on Motion Planning of Seven Degree of Freedom Manipulator Based on DDPG. Lecture Notes in Electrical Engineering, 2019, , 356-367.	0.4	4
25	Approaching Semantically-Mediated Acoustic Data Fusion. , 2007, , .		3
26	Cutting Parameters Optimization Based on ITLBO Algorithm with Big Data Driven. , 2017, , .		2
27	A Case Study of Genetic Algorithms for Quay Crane Scheduling. Studies in Computational Intelligence, 2009, , 119-125.	0.9	2
28	Integrating Eco-design and PLM in the Aviation Completion Industry: A Case Study. IFIP Advances in Information and Communication Technology, 2014, , 169-180.	0.7	2
29	HDPS-BPSO Based Predictive Maintenance Scheduling for Backlash Error Compensation in a Machining Center. Lecture Notes in Electrical Engineering, 2019, , 71-77.	0.4	2
30	Applying Dynamic Causal Mining in Health Service Management. International Journal of Healthcare Information Systems and Informatics, 2008, 3, 17-38.	0.9	1
31	Integration of CERIF, ESB and Cloud in the Development of a National Global Research and Administrative Management System. Communications in Computer and Information Science, 2011, , 245-255.	0.5	1
32	Cross-Cultural Research for Luxury Fashion Brands in the Chinese Market: A Review of Long- Versus Short-Term Orientation in National Culture Dimensions. Lecture Notes in Electrical Engineering, 2017, , 25-32.	0.4	1
33	Application of CNN Deep Learning in Product Design Evaluation. Lecture Notes in Electrical Engineering, 2019, , 517-526.	0.4	1
34	Applying Decision Tree in Food Industry â€" A Case Study. Lecture Notes in Electrical Engineering, 2019, , 383-388.	0.4	1
35	Collaborative Fault Diagnosis Decision Fusion Algorithm Based on Improved DS Evidence Theory. Lecture Notes in Electrical Engineering, 2020, , 379-387.	0.4	1
36	Using ANNs to Model Hot Extrusion Manufacturing Process. Lecture Notes in Computer Science, 2005, , 851-856.	1.3	0

#	Article	IF	Citations
37	Disposition Strategies within Value-Optimizing Returns Management. Advanced Materials Research, 0, 1039, 642-647.	0.3	0
38	Guest editorial of â€œIntelligent logistics and supply chainsâ€• Advances in Manufacturing, 2014, 2, 95-96.	6.1	0
39	Product Design in Food Industry - A McDonaldâ€™s Case. Lecture Notes in Electrical Engineering, 2019, , 448-452.	0.4	0
40	Research Challenges in Off-Line Ancient Handwriting Recognition â€" A Deep Learning Approach. Lecture Notes in Electrical Engineering, 2021, , 408-415.	0.4	0
41	Machine Fault Diagnosis and Prognosis using Self-Organizing Map. Advances in Data Mining and Database Management Book Series, 2014, , 129-148.	0.5	0
42	Decision-Making and Supplier Trust. Lecture Notes in Electrical Engineering, 2019, , 401-405.	0.4	0
43	Applying Decision Tree in National Health Service. Lecture Notes in Electrical Engineering, 2019, , 389-393.	0.4	0
44	Cognitive Maintenance for High-End Equipment and Manufacturing. Lecture Notes in Electrical Engineering, 2019, , 394-400.	0.4	0
45	Groups Decision Making Under Uncertain Conditions in Relationâ€"A Volkswagen Case Study. Lecture Notes in Electrical Engineering, 2019, , 406-410.	0.4	0
46	Game Theory in the Fashion Industry: How Can H&M Use Game Theory to Determine Their Marketing Strategy?. Lecture Notes in Electrical Engineering, 2020, , 633-638.	0.4	0
47	Applying Quality Function Deployment in Smart Phone Design. Lecture Notes in Electrical Engineering, 2020, , 396-401.	0.4	0
48	A New Fault Identification Method Based on Combined Reconstruction Contribution Plot and Structured Residual. Lecture Notes in Electrical Engineering, 2020, , 283-291.	0.4	0
49	Application of Variable Step Size Beetle Antennae Search Optimization Algorithm in the Study of Spatial Cylindrical Errors. Lecture Notes in Electrical Engineering, 2020, , 646-653.	0.4	0
50	Applying Dynamic Causal Mining in Health Service Management. , 0, , 233-252.		0