

# Yi Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/957882/publications.pdf>

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50  
papers

1,617  
citations

623734

14  
h-index

395702

33  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1773  
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of Industry 4.0 technologies in sustainable logistics: a systematic literature review (2012â€“2020) to explore future research opportunities. Environmental Science and Pollution Research, 2022, 29, 9560-9591.	5.3	46
2	Research Challenges in Off-Line Ancient Handwriting Recognition â€“ A Deep Learning Approach. Lecture Notes in Electrical Engineering, 2021, , 408-415.	0.4	0
3	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
4	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
5	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
6	Collaborative Fault Diagnosis Decision Fusion Algorithm Based on Improved DS Evidence Theory. Lecture Notes in Electrical Engineering, 2020, , 379-387.	0.4	1
7	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
8	Applying Quality Function Deployment in Smart Phone Design. Lecture Notes in Electrical Engineering, 2020, , 396-401.	0.4	0
9	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
10	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
11	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
12	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
13	Product Design in Food Industry - A McDonaldâ€™s Case. Lecture Notes in Electrical Engineering, 2019, , 448-452.	0.4	0
14	A deep learning driven method for fault classification and degradation assessment in mechanical equipment. Computers in Industry, 2019, 104, 1-10.	9.9	58
15	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
16	Research on Real-Time Monitoring Technology of Equipment Based on Augmented Reality. Lecture Notes in Electrical Engineering, 2019, , 141-150.	0.4	4
17	Decision-Making and Supplier Trust. Lecture Notes in Electrical Engineering, 2019, , 401-405.	0.4	0
18	Research on Motion Planning of Seven Degree of Freedom Manipulator Based on DDPG. Lecture Notes in Electrical Engineering, 2019, , 356-367.	0.4	4

#	ARTICLE	IF	CITATIONS
19	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
20	Application of CNN Deep Learning in Product Design Evaluation. Lecture Notes in Electrical Engineering, 2019, , 517-526.	0.4	1
21	Applying Decision Tree in National Health Service. Lecture Notes in Electrical Engineering, 2019, , 389-393.	0.4	0
22	Cognitive Maintenance for High-End Equipment and Manufacturing. Lecture Notes in Electrical Engineering, 2019, , 394-400.	0.4	0
23	Applying Decision Tree in Food Industry â€œ A Case Study. Lecture Notes in Electrical Engineering, 2019, , 383-388.	0.4	1
24	Groups Decision Making Under Uncertain Conditions in Relationâ€™A Volkswagen Case Study. Lecture Notes in Electrical Engineering, 2019, , 406-410.	0.4	0
25	Automatic detection of false positive RFID readings using machine learning algorithms. Expert Systems With Applications, 2018, 91, 442-451.	7.6	58
26	The Optimization for Hyperbolic Positioning of UHF Passive RFID Tags. IEEE Transactions on Automation Science and Engineering, 2017, 14, 1590-1600.	5.2	42
27	Cutting Parameters Optimization Based on ITLBO Algorithm with Big Data Driven. , 2017, , .		2
28	A novel method for the evaluation of fashion product design based on data mining. Advances in Manufacturing, 2017, 5, 370-376.	6.1	24
29	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
30	Industry 4.0: a way from mass customization to mass personalization production. Advances in Manufacturing, 2017, 5, 311-320.	6.1	339
31	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
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	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
34	Ontology-based interoperability solutions for textile supply chain. Advances in Manufacturing, 2014, 2, 97-105.	6.1	5
35	Guest editorial of â€œIntelligent logistics and supply chainsâ€• Advances in Manufacturing, 2014, 2, 95-96.	6.1	0
36	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

#	ARTICLE	IF	CITATIONS
37	Machine Fault Diagnosis and Prognosis using Self-Organizing Map. Advances in Data Mining and Database Management Book Series, 2014, , 129-148.	0.5	0
38	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
39	Particle Swarm Optimization (PSO) for the constrained portfolio optimization problem. Expert Systems With Applications, 2011, 38, 10161-10169.	7.6	224
40	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
41	Applying intelligent cultural networks to marketing analysis. International Marketing Review, 2009, 26, 542-553.	3.6	4
42	A Case Study of Genetic Algorithms for Quay Crane Scheduling. Studies in Computational Intelligence, 2009, , 119-125.	0.9	2
43	Applying Dynamic Causal Mining in Health Service Management. International Journal of Healthcare Information Systems and Informatics, 2008, 3, 17-38.	0.9	1
44	Approaching Semantically-Mediated Acoustic Data Fusion. , 2007, , .		3
45	Combining data mining and Game Theory in manufacturing strategy analysis. Journal of Intelligent Manufacturing, 2007, 18, 505-511.	7.3	10
46	Integration of Data Mining with Game Theory. , 2006, , 275-280.		9
47	Using ANNs to Model Hot Extrusion Manufacturing Process. Lecture Notes in Computer Science, 2005, , 851-856.	1.3	0
48	A hybrid intelligent method for modelling the EDM process. International Journal of Machine Tools and Manufacture, 2003, 43, 995-999.	13.4	131
49	Disposition Strategies within Value-Optimizing Returns Management. Advanced Materials Research, 0, 1039, 642-647.	0.3	0
50	Applying Dynamic Causal Mining in Health Service Management. , 0, , 233-252.		0