Junhu Ruan

List of Publications by Year
in descending order

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Version: 2024-02-01

36	1,075	430442	414034
papers	citations	18 h-index	32 g-index

36	36	36	986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid Machine Learning Approach for Evapotranspiration Estimation of Fruit Tree in Agricultural Cyberâ€“Physical Systems. IEEE Transactions on Cybernetics, 2023, 53, 5677-5691.	6.2	4
2	Towards an IoT enabled Tourism and Visualization Review on the Relevant Literature in Recent 10 Years. Mobile Networks and Applications, 2022, 27, 886-899.	2.2	8
3	An integrated modeling method for collaborative vehicle routing: Facilitating the unmanned micro warehouse pattern in new retail. Expert Systems With Applications, 2021, 168, 114307.	4.4	10
4	A Model for Joint Planning of Production and Distribution of Fresh Produce in Agricultural Internet of Things. IEEE Internet of Things Journal, 2021, 8, 9683-9696.	5.5	34
5	Willingness and Influencing Factors of Pig Farmers to Adopt Internet of Things Technology in Food Traceability. Sustainability, 2021, 13, 8861.	1.6	16
6	Will the Adoption of Early Fertigation Techniques Hinder Famersâ€™ Technology Renewal? Evidence from Fresh Growers in Shaanxi, China. Agriculture (Switzerland), 2021, 11, 913.	1.4	2
7	An IoT-based E-business model of intelligent vegetable greenhouses and its key operations management issues. Neural Computing and Applications, 2020, 32, 15341-15356.	3.2	36
8	Fuzzy Correlation Measurement Algorithms for Big Data and Application to Exchange Rates and Stock Prices. IEEE Transactions on Industrial Informatics, 2020, 16, 1296-1309.	7.2	8
9	Linkages Between Chinese Stock Price Index and Exchange Rates-An Evidence From the Belt and Road Initiative. IEEE Access, 2020, 8, 95403-95416.	2.6	3
10	An extended Bass Model on consumer quantity of B2C commerce platforms. Electronic Commerce Research, 2020, 20, 609-628.	3.0	3
11	Analyzing Barriers for Developing a Sustainable Circular Economy in Agriculture in China Using Grey-DEMATEL Approach. Sustainability, 2020, 12, 6358.	1.6	35
12	Fertigation management for sustainable precision agriculture based on Internet of Things. Journal of Cleaner Production, 2020, 277, 124119.	4.6	38
13	Random Forest-Bayesian Optimization for Product Quality Prediction With Large-Scale Dimensions in Process Industrial Cyberâ€“Physical Systems. IEEE Internet of Things Journal, 2020, 7, 8641-8653.	5.5	35
14	Review of operational management in intelligent agriculture based on the Internet of Things. Frontiers of Engineering Management, 2020, 7, 309-322.	3.3	50
15	Emerging Trends and Innovation Modes of Internet Financeâ€”Results from Co-Word and Co-Citation Networks. Future Internet, 2020, 12, 52.	2.4	12
16	Financing preferences and performance for an emission-dependent supply chain: Supplier vs. bank. International Journal of Production Economics, 2019, 208, 383-399.	5.1	102
17	A Granular GA-SVM Predictor for Big Data in Agricultural Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 6510-6521.	7.2	52
18	A Life Cycle Framework of Green IoT-Based Agriculture and Its Finance, Operation, and Management Issues. IEEE Communications Magazine, 2019, 57, 90-96.	4.9	128

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19	A three-stage and multi-objective stochastic programming model to improve the sustainable rescue ability by considering secondary disasters in emergency logistics. Computers and Industrial Engineering, 2019, 135, 1145-1154.	3.4	74
20	Agriculture IoT: Emerging Trends, Cooperation Networks, and Outlook. IEEE Wireless Communications, 2019, 26, 56-63.	6.6	44
21	Evaluating Production Process Efficiency of Provincial Greenhouse Vegetables in China Using Data Envelopment Analysis: A Green and Sustainable Perspective. Processes, 2019, 7, 780.	1.3	11
22	An Immune Genetic Algorithm for Multi-Echelon Inventory Cost Control of IOT Based Supply Chains. IEEE Access, 2018, 6, 8547-8555.	2.6	43
23	Re-Planning the Intermodal Transportation of Emergency Medical Supplies with Updated Transfer Centers. Sustainability, 2018, 10, 2827.	1.6	1
24	Combining prospect theory with fuzzy theory to handle disruption in production scheduling. Filomat, 2018, 32, 1649-1656.	0.2	1
25	On-line order batching and sequencing problem with multiple pickers: A hybrid rule-based algorithm. Applied Mathematical Modelling, 2017, 45, 271-284.	2.2	61
26	Optimization Models and Algorithms for Operation and Control with Advanced Information Technologies. Scientific Programming, 2017, 2017, 1-2.	0.5	2
27	A Network Optimization Research for Product Returns Using Modified Plant Growth Simulation Algorithm. Scientific Programming, 2017, 2017, 1-14.	0.5	1
28	Optimizing Terminal Delivery of Perishable Products considering Customer Satisfaction. Mathematical Problems in Engineering, 2017, 2017, 1-12.	0.6	3
29	A Visualization Review of Cloud Computing Algorithms in the Last Decade. Sustainability, 2016, 8, 1008.	1.6	13
30	Monitoring and assessing fruit freshness in IOT-based e-commerce delivery using scenario analysis and interval number approaches. Information Sciences, 2016, 373, 557-570.	4.0	94
31	A fuzzy TOPSIS for assessing higher vocational education development levels in uncertainty environments. Journal of Intelligent and Fuzzy Systems, 2016, 31, 3083-3093.	0.8	7
32	The Multi-objective Optimization for Perishable Food Distribution Route Considering Temporal-spatial Distance. Procedia Computer Science, 2016, 96, 1211-1220.	1.2	32
33	How to Choose â€œLast Mileâ€•Delivery Modes for E-Fulfillment. Mathematical Problems in Engineering, 2014, 2014, 1-11.	0.6	42
34	Developing fast predictors for large-scale time series using fuzzy granular support vector machines. Applied Soft Computing Journal, 2013, 13, 3981-4000.	4.1	33
35	A recovery model for combinational disruptions in logistics delivery: Considering the real-world participators. International Journal of Production Economics, 2012, 140, 508-520.	5.1	34
36	A Centroid Based Correlation Coefficient of Fuzzy Numbers. , 0, , .		3