

# Junhu Ruan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

591  
citations

15  
h-index

24  
g-index

36  
ext. papers

828  
ext. citations

5.1  
avg. IF

4.65  
L-index

#	Paper	IF	Citations
35	A Model for Joint Planning of Production and Distribution of Fresh Produce in Agricultural Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9683-9696	10.7	18
34	An integrated modeling method for collaborative vehicle routing: Facilitating the unmanned micro warehouse pattern in new retail. <i>Expert Systems With Applications</i> , <b>2021</b> , 168, 114307	7.8	4
33	Willingness and Influencing Factors of Pig Farmers to Adopt Internet of Things Technology in Food Traceability. <i>Sustainability</i> , <b>2021</b> , 13, 8861	3.6	1
32	Will the Adoption of Early Fertigation Techniques Hinder Farmers' Technology Renewal? Evidence from Fresh Growers in Shaanxi, China. <i>Agriculture (Switzerland)</i> , <b>2021</b> , 11, 913	3	1
31	Random Forest-Bayesian Optimization for Product Quality Prediction With Large-Scale Dimensions in Process Industrial Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 8641-8653	10.7	14
30	Review of operational management in intelligent agriculture based on the Internet of Things. <i>Frontiers of Engineering Management</i> , <b>2020</b> , 7, 309-322	2.7	22
29	Emerging Trends and Innovation Modes of Internet Finance Results from Co-Word and Co-Citation Networks. <i>Future Internet</i> , <b>2020</b> , 12, 52	3.3	5
28	Linkages Between Chinese Stock Price Index and Exchange Rates-An Evidence From the Belt and Road Initiative. <i>IEEE Access</i> , <b>2020</b> , 8, 95403-95416	3.5	1
27	An extended Bass Model on consumer quantity of B2C commerce platforms. <i>Electronic Commerce Research</i> , <b>2020</b> , 20, 609-628	2.1	1
26	Analyzing Barriers for Developing a Sustainable Circular Economy in Agriculture in China Using Grey-DEMATEL Approach. <i>Sustainability</i> , <b>2020</b> , 12, 6358	3.6	9
25	Fertigation management for sustainable precision agriculture based on Internet of Things. <i>Journal of Cleaner Production</i> , <b>2020</b> , 277, 124119	10.3	13
24	An IoT-based E-business model of intelligent vegetable greenhouses and its key operations management issues. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 15341-15356	4.8	22
23	Fuzzy Correlation Measurement Algorithms for Big Data and Application to Exchange Rates and Stock Prices. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 1296-1309	11.9	1
22	A Life Cycle Framework of Green IoT-Based Agriculture and Its Finance, Operation, and Management Issues. <i>IEEE Communications Magazine</i> , <b>2019</b> , 57, 90-96	9.1	74
21	A three-stage and multi-objective stochastic programming model to improve the sustainable rescue ability by considering secondary disasters in emergency logistics. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 135, 1145-1154	6.4	36
20	Financing preferences and performance for an emission-dependent supply chain: Supplier vs. bank. <i>International Journal of Production Economics</i> , <b>2019</b> , 208, 383-399	9.3	51
19	A Granular GA-SVM Predictor for Big Data in Agricultural Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 6510-6521	11.9	34

18	Agriculture IoT: Emerging Trends, Cooperation Networks, and Outlook. <i>IEEE Wireless Communications</i> , <b>2019</b> , 26, 56-63	13.4	25
17	Evaluating Production Process Efficiency of Provincial Greenhouse Vegetables in China Using Data Envelopment Analysis: A Green and Sustainable Perspective. <i>Processes</i> , <b>2019</b> , 7, 780	2.9	3
16	An Immune Genetic Algorithm for Multi-Echelon Inventory Cost Control of IOT Based Supply Chains. <i>IEEE Access</i> , <b>2018</b> , 6, 8547-8555	3.5	28
15	Combining prospect theory with fuzzy theory to handle disruption in production scheduling. <i>Filomat</i> , <b>2018</b> , 32, 1649-1656	0.7	0
14	Re-Planning the Intermodal Transportation of Emergency Medical Supplies with Updated Transfer Centers. <i>Sustainability</i> , <b>2018</b> , 10, 2827	3.6	
13	On-line order batching and sequencing problem with multiple pickers: A hybrid rule-based algorithm. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 45, 271-284	4.5	39
12	A Network Optimization Research for Product Returns Using Modified Plant Growth Simulation Algorithm. <i>Scientific Programming</i> , <b>2017</b> , 2017, 1-14	1.4	1
11	Optimizing Terminal Delivery of Perishable Products considering Customer Satisfaction. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-12	1.1	3
10	Optimization Models and Algorithms for Operation and Control with Advanced Information Technologies. <i>Scientific Programming</i> , <b>2017</b> , 2017, 1-2	1.4	2
9	The Multi-objective Optimization for Perishable Food Distribution Route Considering Temporal-spatial Distance. <i>Procedia Computer Science</i> , <b>2016</b> , 96, 1211-1220	1.6	22
8	A Visualization Review of Cloud Computing Algorithms in the Last Decade. <i>Sustainability</i> , <b>2016</b> , 8, 1008	3.6	12
7	Monitoring and assessing fruit freshness in IOT-based e-commerce delivery using scenario analysis and interval number approaches. <i>Information Sciences</i> , <b>2016</b> , 373, 557-570	7.7	69
6	A fuzzy TOPSIS for assessing higher vocational education development levels in uncertainty environments. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2016</b> , 31, 3083-3093	1.6	4
5	How to Choose Last Mile Delivery Modes for E-Fulfillment. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-11	1.1	23
4	Developing fast predictors for large-scale time series using fuzzy granular support vector machines. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 3981-4000	7.5	24
3	A recovery model for combinational disruptions in logistics delivery: Considering the real-world participators. <i>International Journal of Production Economics</i> , <b>2012</b> , 140, 508-520	9.3	25
2	A Centroid Based Correlation Coefficient of Fuzzy Numbers		3
1	Towards an IoT enabled Tourism and Visualization Review on the Relevant Literature in Recent 10 Years. <i>Mobile Networks and Applications</i> , 1	2.9	1

