

# Jeï-Zheng Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

993  
citations

471371

17  
h-index

454834

30  
g-index

44  
all docs

44  
docs citations

44  
times ranked

619  
citing authors

#	ARTICLE	IF	CITATIONS
1	A sustainable production-inventory model for a controllable carbon emissions rate under shortages. <i>Journal of Cleaner Production</i> , 2020, 256, 120268.	4.6	157
2	Optimum sustainable inventory management with backorder and deterioration under controllable carbon emissions. <i>Journal of Cleaner Production</i> , 2021, 279, 123699.	4.6	117
3	Sustainable inventory system with controllable non-instantaneous deterioration and environmental emission rates. <i>Journal of Cleaner Production</i> , 2020, 244, 118807.	4.6	66
4	A novel bi-vector encoding genetic algorithm for the simultaneous multiple resources scheduling problem. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 2255-2270.	4.4	52
5	Constructing the OGE for promoting tool group productivity in semiconductor manufacturing. <i>International Journal of Production Research</i> , 2007, 45, 509-524.	4.9	49
6	Coordinating strategic outsourcing decisions for semiconductor assembly using a bi-objective genetic algorithm. <i>International Journal of Production Research</i> , 2012, 50, 235-260.	4.9	48
7	Modeling strategic semiconductor assembly outsourcing decisions based on empirical settings. <i>OR Spectrum</i> , 2008, 30, 401-430.	2.1	45
8	The cooperative estimation of distribution algorithm: a novel approach for semiconductor final test scheduling problems. <i>Journal of Intelligent Manufacturing</i> , 2014, 25, 867-879.	4.4	37
9	Modeling semiconductor testing job scheduling and dynamic testing machine configuration. <i>Expert Systems With Applications</i> , 2008, 35, 485-496.	4.4	36
10	Key factors for truly sustainable supply chain management. <i>International Journal of Logistics Management</i> , 2017, 28, 1196-1217.	4.1	35
11	Analyzing repair decisions in the site imbalance problem of semiconductor test machines. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2003, 16, 704-711.	1.4	28
12	Applying analytic network process (ANP) to rank critical success factors of waterfront redevelopment. <i>International Journal of Shipping and Transport Logistics</i> , 2013, 5, 390.	0.2	28
13	A validation scheme for intelligent and effective multiple criteria decision-making. <i>Applied Soft Computing Journal</i> , 2018, 68, 866-872.	4.1	26
14	Effects of a hybrid-price-stock dependent demand on the optimal solutions of a deteriorating inventory system and trade credit policy on re-manufactured product. <i>Journal of Cleaner Production</i> , 2019, 241, 118282.	4.6	24
15	Optimizing a Sustainable Supply Chain Inventory Model for Controllable Deterioration and Emission Rates in a Greenhouse Farm. <i>Mathematics</i> , 2021, 9, 495.	1.1	23
16	Domain-driven actionable process model discovery. <i>Computers and Industrial Engineering</i> , 2016, 99, 382-400.	3.4	22
17	A two-stage stochastic programming approach for new tape-out allocation decisions for demand fulfillment planning in semiconductor manufacturing. <i>Flexible Services and Manufacturing Journal</i> , 2013, 25, 286-309.	1.9	21
18	Examining Consumer's Intention to Adopt AI-Chatbots in Tourism Using Partial Least Squares Structural Equation Modeling Method. <i>Mathematics</i> , 2022, 10, 2190.	1.1	19

#	ARTICLE	IF	CITATIONS
19	Inventory write-down prediction for semiconductor manufacturing considering inventory age, accounting principle, and product structure with real settings. Computers and Industrial Engineering, 2013, 65, 128-136.	3.4	17
20	Personalized recommendation by matrix co-factorization with multiple implicit feedback on pairwise comparison. Computers and Industrial Engineering, 2021, 152, 107033.	3.4	16
21	Effects of Carbon-Emission and Setup Cost Reduction in a Sustainable Electrical Energy Supply Chain Inventory System. Energies, 2019, 12, 1226.	1.6	15
22	Decision analysis on entering the China pharmaceutical market: Perspectives from Taiwanese companies. Computers and Industrial Engineering, 2018, 125, 751-763.	3.4	14
23	Modeling order assignment for semiconductor assembly hierarchical outsourcing and developing the decision support system. Flexible Services and Manufacturing Journal, 2010, 22, 109-139.	1.9	12
24	Mathematical Models for Supply Chain Management. Mathematical Problems in Engineering, 2016, 2016, 1-4.	0.6	12
25	Optimal Replenishment Policy for Deteriorating Products in a Newsboy Problem with Multiple Just-in-Time Deliveries. Mathematics, 2020, 8, 1981.	1.1	12
26	Attention-Based STL-BiLSTM Network to Forecast Tourist Arrival. Processes, 2021, 9, 1759.	1.3	12
27	Solving the Problem of Class Imbalance in the Prediction of Hotel Cancellations: A Hybridized Machine Learning Approach. Processes, 2021, 9, 1713.	1.3	10
28	A Comparative Study of Key Critical Factors of Waterfront Port Development: Case Studies of the Incheon and Busan Ports. Growth and Change, 2016, 47, 393-405.	1.3	6
29	Multi-objective demand fulfillment problem for solar cell industry. Computers and Industrial Engineering, 2018, 125, 688-694.	3.4	6
30	Big data analytic for multivariate fault detection and classification in semiconductor manufacturing. , 2017, , .		5
31	Big data analytics for modeling WAT parameter variation induced by process tool in semiconductor manufacturing and empirical study. , 2016, , .		4
32	Professional Volleyball Development in Taiwan's Sports Industry. International Journal of Computational Intelligence Systems, 2018, 11, 1082.	1.6	4
33	Generation of Business Process Reference Model Considering Multiple Objectives. Industrial Engineering and Management Systems, 2012, 11, 233-240.	0.3	4
34	Multiple Criteria Decision-Making for Developing an International Game Participation Strategy: A Novel Application of the Data Envelopment Analysis (DEA) Two-Stage Efficiency Process. Mathematics, 2021, 9, 1700.	1.1	3
35	Process Discovery by Synthesizing Activity Proximity and User's Domain Knowledge. Lecture Notes in Business Information Processing, 2013, , 92-105.	0.8	3
36	Inventory survival analysis for semiconductor memory manufacturing. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
37	A recommender system based on car pairwise comparisons on a mobile application using association rules. , 2016, , .		1
38	An interactive method for multi-criteria dispatching problems with unknown preference functions. Computers and Industrial Engineering, 2020, 144, 106462.	3.4	1
39	Performance of Channel Members under Emission-Sensitive Demand for Green Supply Chain Management: A Game Theory Approach. Mathematics, 2022, 10, 1879.	1.1	1
40	Structuring Manufacturing Strategy. , 2007, , .		0
41	A multi-period inventory model to incorporate with inventory age, accounting principle, and product structure: A case study in a make-to-stock semiconductor integrated device manufacturer. , 2010, , .		0
42	Multistage semiconductor memory inventory model based on survival analysis. , 2014, , .		0
43	Adoption, Implementation, and Performance of Green Supply Chain Management: The Case of Coal Power Generation Industry in Indonesia. Studies in Systems, Decision and Control, 2019, , 249-265.	0.8	0
44	Smart Production by Integrating Product-Mix Planning and Revenue Management for Semiconductor Manufacturing. Springer Optimization and Its Applications, 2019, , 129-164.	0.6	0