

# Tijun Fan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/127867/publications.pdf>

Version: 2024-02-01

72  
papers

1,597  
citations

304368

22  
h-index

329751

37  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of subsidy policies on recycling and remanufacturing using system dynamics methodology: a case of auto parts in China. <i>Journal of Cleaner Production</i> , 2014, 74, 161-171.	4.6	180
2	Impact of RFID technology on supply chain decisions with inventory inaccuracies. <i>International Journal of Production Economics</i> , 2015, 159, 117-125.	5.1	138
3	Production decisions in a hybrid manufacturing–remanufacturing system with carbon cap and trade mechanism. <i>International Journal of Production Economics</i> , 2015, 162, 160-173.	5.1	133
4	Evaluating the impact of carbon tax policy on manufacturing and remanufacturing decisions in a closed-loop supply chain. <i>International Journal of Production Economics</i> , 2022, 245, 108408.	5.1	90
5	Impact of the dual-credit policy on improvements in fuel economy and the production of internal combustion engine vehicles. <i>Resources, Conservation and Recycling</i> , 2020, 156, 104712.	5.3	69
6	Modeling urban hazmat transportation with road closure consideration. <i>Transportation Research, Part D: Transport and Environment</i> , 2015, 35, 104-115.	3.2	55
7	Supply chain contracting coordination for fresh products with fresh-keeping effort. <i>Industrial Management and Data Systems</i> , 2017, 117, 538-559.	2.2	50
8	The VEC-NAR model for short-term forecasting of oil prices. <i>Energy Economics</i> , 2019, 78, 656-667.	5.6	50
9	The Acquisition of Quality Information in a Supply Chain with Voluntary vs. Mandatory Disclosure. <i>Production and Operations Management</i> , 2020, 29, 595-616.	2.1	50
10	Using LMDI method to analyze the influencing factors of carbon emissions in China’s petrochemical industries. <i>Natural Hazards</i> , 2015, 75, 319-332.	1.6	49
11	Production co-competition strategies for an EV automaker and a competitive NEV automaker under the dual-credit policy. <i>Omega</i> , 2021, 103, 102391.	3.6	47
12	Radio-frequency identification (RFID) adoption with inventory misplacement under retail competition. <i>European Journal of Operational Research</i> , 2018, 270, 1028-1043.	3.5	44
13	Conventional automotive supply chains under China’s dual-credit policy: fuel economy, production and coordination. <i>Energy Policy</i> , 2021, 151, 112166.	4.2	44
14	Joint procurement and pricing of fresh produce for multiple retailers with a quantity discount contract. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 130, 16-36.	3.7	42
15	A vehicle-UAV operation scheme for instant delivery. <i>Computers and Industrial Engineering</i> , 2020, 149, 106809.	3.4	40
16	Deterioration control decision support for perishable inventory management. <i>Decision Support Systems</i> , 2020, 134, 113308.	3.5	37
17	Dynamic pricing and replenishment policy for fresh produce. <i>Computers and Industrial Engineering</i> , 2020, 139, 106127.	3.4	33
18	Routing open shop and flow shop scheduling problems. <i>European Journal of Operational Research</i> , 2011, 213, 24-36.	3.5	28

#	ARTICLE	IF	CITATIONS
19	Cross perishable effect on optimal inventory preservation control. <i>European Journal of Operational Research</i> , 2019, 276, 998-1012.	3.5	27
20	Coordination in a composite green-product supply chain under different power structures. <i>Industrial Management and Data Systems</i> , 2020, 120, 1101-1123.	2.2	26
21	Omni-channel strategies for fresh produce with extra losses in-store. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 148, 102243.	3.7	25
22	Impact of RFID technology on inventory control policy. <i>Journal of the Operational Research Society</i> , 2017, 68, 207-220.	2.1	24
23	Intelligent logistics integration of internal and external transportation with separation mode. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 133, 101806.	3.7	19
24	An integrated emergency response model for toxic gas release accidents based on cellular automata. <i>Annals of Operations Research</i> , 2017, 255, 617-638.	2.6	18
25	Joint pricing and inventory strategies in a supply chain subject to inventory inaccuracy. <i>International Journal of Production Research</i> , 2019, 57, 2695-2714.	4.9	17
26	Financing and coordination strategies for a manufacturer with limited operating and green innovation capital: bank credit financing versus supplier green investment. <i>Annals of Operations Research</i> , 0, , 1.	2.6	17
27	The prediction of oil price turning points with log-periodic power law and multi-population genetic algorithm. <i>Energy Economics</i> , 2018, 72, 341-355.	5.6	16
28	Performance evaluation of supply chain networks with assembly structure under system disruptions. <i>Computers and Operations Research</i> , 2012, 39, 3229-3243.	2.4	15
29	Optimal inventory control policy and supply chain coordination problem with carbon footprint constraints. <i>International Transactions in Operational Research</i> , 2018, 25, 1831-1853.	1.8	15
30	Impact of live commerce spillover effect on supply chain decisions. <i>Industrial Management and Data Systems</i> , 2022, 122, 1109-1127.	2.2	15
31	Urban delivery of fresh products with total deterioration value. <i>International Journal of Production Research</i> , 2021, 59, 2218-2228.	4.9	14
32	Contract selection for fresh produce suppliers cooperating with a platform under a markdown-pricing policy. <i>International Journal of Production Research</i> , 2023, 61, 3756-3780.	4.9	13
33	Emission Reduction Technology Licensing and Diffusion Under Command-and-Control Regulation. <i>Environmental and Resource Economics</i> , 2019, 72, 477-500.	1.5	12
34	Determinant on RFID technology investment for dominant retailer subject to inventory misplacement. <i>International Transactions in Operational Research</i> , 2020, 27, 1058-1079.	1.8	12
35	Quality information acquisition and ordering decisions with risk aversion. <i>International Journal of Production Research</i> , 2021, 59, 6864-6880.	4.9	12
36	Deterioration rate variation risk for sustainable cross-docking service operations. <i>International Journal of Production Economics</i> , 2021, 232, 107932.	5.1	11

#	ARTICLE	IF	CITATIONS
37	Optimal production strategy for a manufacturing and remanufacturing system with return policy. <i>Operational Research</i> , 2021, 21, 251-271.	1.3	10
38	Perishable product bundling with logistics uncertainty: Solution based on physical internet. <i>International Journal of Production Economics</i> , 2022, 244, 108386.	5.1	10
39	Emerging technology-based online scheduling for instant delivery in the O2O retail era. <i>Electronic Commerce Research and Applications</i> , 2022, 51, 101115.	2.5	9
40	Evaluation of personal cloud storage products in China. <i>Industrial Management and Data Systems</i> , 2017, 117, 131-148.	2.2	8
41	Optimal eco-labeling strategy with imperfectly informed consumers. <i>Industrial Management and Data Systems</i> , 2019, 119, 1166-1188.	2.2	7
42	RFID adoption strategy in a retailer-dominant supply chain with competing suppliers. <i>European Journal of Operational Research</i> , 2022, 302, 117-129.	3.5	7
43	Inventory Management Under Power Structures With Consignment Contract Subject to Inventory Inaccuracy. <i>IEEE Transactions on Engineering Management</i> , 2019, 66, 763-773.	2.4	6
44	Optimal strategies of automakers with demand and credit price disruptions under the dual-credit policy. <i>Journal of Management Science and Engineering</i> , 2022, 7, 453-472.	1.9	6
45	Risk Management in Chemical Industry Supply Chain. , 2006, , .		4
46	Contract preference for the dominant supplier subject to inventory inaccuracy. <i>Computers and Industrial Engineering</i> , 2020, 141, 106323.	3.4	4
47	Optimal pricing and ordering policies with different patience levels of consumers. <i>Industrial Management and Data Systems</i> , 2021, 121, 436-455.	2.2	4
48	Truck Scheduling for Cross-Docking of Fresh Produce with Repeated Loading. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-16.	0.6	4
49	Risk Assessment of Hazmat Road Transportation Considering Environmental Risk under Time-Varying Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9780.	1.2	4
50	Environmental Diffusion Analysis and Consequence Prediction of Liquefied Ammonia Leakage Accident. <i>Journal of Applied Sciences</i> , 2013, 13, 2131-2138.	0.1	4
51	Backroom effect on perishable inventory management with IoT information. <i>International Journal of Production Research</i> , 2023, 61, 4157-4179.	4.9	4
52	Research on Enterprise Reverse Logistics Outsourcing Risk Evaluation Based on Fuzzy Comprehensive Analytic Method. , 2009, , .		3
53	Environmental certification in a differentiated duopoly. <i>Economic Research-Ekonomska Istrazivanja</i> , 2021, 34, 650-669.	2.6	3
54	Research on Route Optimization of Hazardous Materials Transportation Considering Risk Equity. <i>Sustainability</i> , 2021, 13, 9427.	1.6	3

#	ARTICLE	IF	CITATIONS
55	Design Optimization of a HAZMAT Multimodal Hub-and-Spoke Network with Detour. International Journal of Environmental Research and Public Health, 2021, 18, 12470.	1.2	3
56	Development of a management system of laboratory equipment based on UHF RFID. , 2010, , .		2
57	Optimizing the overseas oil transportation paths based on fuzzy multi-objective programming. , 2010, , .		1
58	Research on knowledge modelling for the automotive fault diagnosis system based on Ontology. , 2010, , .		1
59	Analysis of Carbon Emissions from China's Petrochemical Industries Using the LMDI Method. , 2010, , .		1
60	Influence of government subsidies on carbon reduction technology investment decisions in the supply chain. , 2015, , .		1
61	Impact of RFID Technology on Coordination of a Three-Tier Fresh Product Supply Chain. Asia-Pacific Journal of Operational Research, 0, , 2140033.	0.9	1
62	Outsourcing Decision-making Strategy for Collecting Used-products in Reverse Logistics. , 2007, , .		0
63	Outsourcing in small and medium-size enterprises of China. , 2008, , .		0
64	Research on simulating and modelling dynamics of double clutch transmission (DCT). , 2010, , .		0
65	Analysis on product recycling profit based on disassembly-logic-net (DLN) model. , 2010, , .		0
66	Design of Risk Management System on Overseas Oil Development and Utilization. , 2010, , .		0
67	Inventory and Routing Policies in Vendor Managed Inventory System. , 2012, , .		0
68	Integrating internal and external container transportation under separation mode. , 2019, , .		0
69	Food supply chain decision optimization with quality information structure. , 2019, , .		0
70	Inbound and Outbound Truck Scheduling in a Cross-Docking Center for Fresh Products. , 2019, , .		0
71	Optimization of regional delivery of fresh products. , 2019, , .		0
72	A WebGIS and GRA Based Transportation Risk Management System for Oversea Oil Exploitation. Lecture Notes in Computer Science, 2010, , 138-145.	1.0	0