

Naoum Tsolakis

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.

50
papers

858
citations

15
h-index

28
g-index

55
ext. papers

1,209
ext. citations

4.5
avg, IF

5.08
L-index

#	Paper	IF	Citations
50	MIRROR: A middleware software tool for interfacing mobile industrial robots with optimization routing algorithms. <i>SoftwareX</i> , 2022 , 17, 100903	2.7	0
49	Sustainable water use through multiple cropping systems and precision irrigation. <i>Journal of Cleaner Production</i> , 2022 , 333, 130117	10.3	1
48	A Digital Strategy Development Framework for Supply Chains. <i>IEEE Transactions on Engineering Management</i> , 2022 , 1-14	2.6	1
47	Supply chain analytics adoption: Determinants and impacts on organisational performance and competitive advantage. <i>International Journal of Production Economics</i> , 2022 , 248, 108466	9.3	1
46	A Weed Control Unmanned Ground Vehicle Prototype for Precision Farming Activities: The Case of Red Rice. <i>Springer Optimization and Its Applications</i> , 2022 , 143-158	0.4	
45	An Assessment of circular economy interventions in the peach canning industry. <i>International Journal of Production Economics</i> , 2022 , 108533	9.3	1
44	Human Activity Recognition through Recurrent Neural Networks for HumanRobot Interaction in Agriculture. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2188	2.6	16
43	Supply network design to address United Nations Sustainable Development Goals: A case study of blockchain implementation in Thai fish industry. <i>Journal of Business Research</i> , 2021 , 131, 495-519	8.7	48
42	Strategies to manage product recalls in the COVID-19 pandemic: an exploratory case study of PPE supply chains. <i>Continuity & Resilience Review</i> , 2021 , 3, 64-78	2.3	2
41	Environmental hotspots analysis: A systematic framework for food supply chains and implementation case in the UK poultry industry. <i>Journal of Cleaner Production</i> , 2021 , 305, 126981	10.3	1
40	Investigating dynamic interconnections between organic farming adoption and freshwater sustainability. <i>Journal of Environmental Management</i> , 2021 , 294, 112896	7.9	3
39	Sustainability in the Digital Farming Era: A Cyber-Physical Analysis Approach for Drone Applications in Agriculture 4.0. <i>Springer Optimization and Its Applications</i> , 2021 , 29-53	0.4	0
38	Mobile Robotics in Agricultural Operations: A Narrative Review on Planning Aspects. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3453	2.6	31
37	A Water Footprint Review of Italian Wine: Drivers, Barriers, and Practices for Sustainable Stewardship. <i>Water (Switzerland)</i> , 2020 , 12, 369	3	12
36	HC-4-PM: A heterarchical communication framework for project management. <i>SoftwareX</i> , 2020 , 12, 100557		0
35	Supply network configuration archetypes for the circular exploitation of solid waste. <i>International Journal of Integrated Supply Management</i> , 2020 , 13, 302	3.8	0
34	Developing distributed manufacturing strategies from the perspective of a product-process matrix. <i>International Journal of Production Economics</i> , 2020 , 219, 1-17	9.3	20

33	Supply chain reconfiguration opportunities arising from additive manufacturing technologies in the digital era. <i>Production Planning and Control</i> , 2019 , 30, 510-521	4.3	24
32	Sensor Applications in Agrifood Systems: Current Trends and Opportunities for Water Stewardship. <i>Climate</i> , 2019 , 7, 44	3.1	7
31	Water footprint management in the fashion supply chain: A review of emerging trends and research challenges 2019 , 77-94		5
30	Renewable chemical feedstock supply network design: The case of terpenes. <i>Journal of Cleaner Production</i> , 2019 , 222, 802-822	10.3	27
29	Unmanned Ground Vehicles in Precision Farming Services: An Integrated Emulation Modelling Approach. <i>Communications in Computer and Information Science</i> , 2019 , 177-190	0.3	3
28	Intelligent autonomous vehicles in digital supply chains. <i>Business Process Management Journal</i> , 2019 , 25, 414-437	3.6	14
27	A Blockchain Framework for Containerized Food Supply Chains. <i>Computer Aided Chemical Engineering</i> , 2019 , 46, 1369-1374	0.6	24
26	Decision Support Model for Evaluating Alternative Waste Electrical and Electronic Equipment Management Schemes – A Case Study. <i>Sustainability</i> , 2019 , 11, 3364	3.6	7
25	AgROS: A Robot Operating System Based Emulation Tool for Agricultural Robotics. <i>Agronomy</i> , 2019 , 9, 403	3.6	22
24	Intelligent Autonomous Vehicles in digital supply chains: A framework for integrating innovations towards sustainable value networks. <i>Journal of Cleaner Production</i> , 2018 , 181, 60-71	10.3	66
23	Blue Water Footprint Management in a UK Poultry Supply Chain under Environmental Regulatory Constraints. <i>Sustainability</i> , 2018 , 10, 625	3.6	15
22	Circular supply chains and renewable chemical feedstocks: a network configuration analysis framework. <i>Production Planning and Control</i> , 2018 , 29, 464-482	4.3	8
21	A water footprint management framework for supply chains under green market behaviour. <i>Journal of Cleaner Production</i> , 2018 , 197, 592-606	10.3	22
20	Sustainability Performance in Food Supply Networks: Insights from the UK Industry. <i>Sustainability</i> , 2018 , 10, 3148	3.6	10
19	Digital Technologies Towards Resource Efficiency in the Agrifood Sector: Key Challenges in Developing Countries. <i>Sustainability</i> , 2018 , 10, 4850	3.6	13
18	Mapping supply dynamics in renewable feedstock enabled industries: A systems theory perspective on green pharmaceuticals. <i>Operations Management Research</i> , 2018 , 11, 83-104	3.6	9
17	Logistics Services Sector and Economic Recession in Greece: Challenges and Opportunities. <i>Logistics</i> , 2018 , 2, 16	3.5	4
16	Industry 4.0: Sustainable material handling processes in industrial environments. <i>Computer Aided Chemical Engineering</i> , 2017 , 40, 2281-2286	0.6	9

15	Inventory planning and control in Green Pharmacies supply chains – A System Dynamics modelling perspective. <i>Computer Aided Chemical Engineering</i> , 2017 , 1285-1290	0.6	5
14	Electricity Pricing Mechanism in a Sustainable Environment: A Review and a System Dynamics Modeling Approach. <i>Springer Proceedings in Business and Economics</i> , 2017 , 291-297	0.2	3
13	Sustainable supply chain management in the digitalisation era: The impact of Automated Guided Vehicles. <i>Journal of Cleaner Production</i> , 2017 , 142, 3970-3984	10.3	116
12	Water Footprint Mitigation Strategies for Agrifood Products: The Application of System Dynamics in Green Marketing. <i>Springer Proceedings in Business and Economics</i> , 2017 , 275-281	0.2	3
11	The Role of Marketing Interventions in Fostering the Diffusion of Green Energy Technologies. <i>Springer Proceedings in Business and Economics</i> , 2017 , 401-407	0.2	1
10	The emerging role of water footprint in supply chain management: A critical literature synthesis and a hierarchical decision-making framework. <i>Journal of Cleaner Production</i> , 2016 , 137, 1018-1037	10.3	55
9	Eco-cities: An integrated system dynamics framework and a concise research taxonomy. <i>Sustainable Cities and Society</i> , 2015 , 17, 1-14	10.1	54
8	Entrepreneurial Prospects in Loyalty Marketing: Real-world Grocery Retailers – Market Survey & Conceptual Case Study. <i>Procedia, Social and Behavioral Sciences</i> , 2015 , 175, 3-11		
7	Managing the diffusion of biomass in the residential energy sector: An illustrative real-world case study. <i>Applied Energy</i> , 2014 , 129, 56-69	10.7	26
6	Agrifood supply chain management: A comprehensive hierarchical decision-making framework and a critical taxonomy. <i>Biosystems Engineering</i> , 2014 , 120, 47-64	4.8	142
5	Selection and Evaluation of 3PL Providers. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2013 , 280-295	0.3	1
4	Digital supply network design: a Circular Economy 4.0 decision-making system for real-world challenges. <i>Production Planning and Control</i> , 1-26	4.3	6
3	Towards AI driven environmental sustainability: an application of automated logistics in container port terminals. <i>International Journal of Production Research</i> , 1-21	7.8	8
2	Data-driven secure, resilient and sustainable supply chains: gaps, opportunities, and a new generalised data sharing and data monetisation framework. <i>International Journal of Production Research</i> , 1-21	7.8	10
1	Interplay between Competing and Coexisting Policy Regimens within Supply Chain Configurations. <i>Production and Operations Management</i> ,	3.6	1