

# Mahdi Fathi

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

257  
citations

1039880

9  
h-index

996849

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated queuing-stochastic optimization hybrid Genetic Algorithm for a location-inventory supply chain network. <i>International Journal of Production Economics</i> , 2021, 237, 108139.	5.1	36
2	A multi-objective model for risk mitigating in supply chain design. <i>International Journal of Production Research</i> , 2020, 58, 1338-1361.	4.9	25
3	An integrated operations-marketing perspective for making decisions about order penetration point in multi-product supply chain: a queuing approach. <i>International Journal of Production Research</i> , 2013, 51, 5576-5596.	4.9	20
4	Patient waiting time management through fuzzy based failure mode and effect analysis. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 2069-2080.	0.8	20
5	Modeling the merging capacity for two streams of product returns in remanufacturing systems. <i>Journal of Manufacturing Systems</i> , 2015, 37, 265-276.	7.6	19
6	Development of Smart Semiconductor Manufacturing: Operations Research and Data Science Perspectives. <i>IEEE Access</i> , 2019, 7, 108419-108430.	2.6	19
7	Minimax Optimization for Recipe Management in High-Mixed Semiconductor Lithography Process. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 4975-4985.	7.2	19
8	Solving a continuous periodic review inventory-location allocation problem in vendor-buyer supply chain under uncertainty. <i>Computers and Industrial Engineering</i> , 2019, 128, 541-552.	3.4	16
9	Compensating Misalignment Using Dynamic Random-Effect Control System: A Case of High-Mixed Wafer Fabrication. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019, 16, 1788-1799.	3.4	15
10	Estimation and demographic analysis of COVID-19 infections with respect to weather factors in Europe. <i>Journal of Business Analytics</i> , 2020, 3, 93-106.	1.8	10
11	A Queueing-Game Model for Making Decisions About Order Penetration Point in Supply Chain in Competitive Environment. <i>International Journal of Strategic Decision Sciences</i> , 2013, 4, 1-24.	0.0	9
12	Credit guarantee mechanism with information asymmetry: a single-sourcing model. <i>International Journal of Production Research</i> , 2020, 58, 4877-4893.	4.9	8
13	Modelling and improvement of non-standard queuing systems: a gas station case study. <i>International Journal of Applied Decision Sciences</i> , 2011, 4, 324.	0.2	7
14	A System Dynamic Model for Implementation of Industry 4.0. , 2018, , .		6
15	Model Misspecification of Generalized Gamma Distribution for Accelerated Lifetime-Censored Data. <i>Technometrics</i> , 2020, 62, 357-370.	1.3	6
16	Partially Observable Markov Decision Process for Monitoring Multilayer Wafer Fabrication. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021, 18, 1742-1753.	3.4	6
17	Kidney-related operations research: A review. <i>IIEE Transactions on Healthcare Systems Engineering</i> , 2019, 9, 226-242.	1.2	5
18	Redundancy allocation problem in a bridge system with dependent subsystems. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2019, 233, 658-669.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Theory-Based Failure Modes and Effect Analysis for Medication Errors. Journal of Healthcare Engineering, 2021, 2021, 1-14.	1.1	4
20	Disturbance Rejection Run-to-Run Controller for Semiconductor Manufacturing. Springer Optimization and Its Applications, 2019, , 301-319.	0.6	2
21	An Integrated Pricing, QoS-Aware Sensor Location Model for Security Protection in Society 5.0. IEEE Transactions on Engineering Management, 2021, , 1-13.	2.4	1
22	Equity or Equality? Which Approach Brings More Satisfaction in a Kidney-Exchange Chain?. Journal of Personalized Medicine, 2021, 11, 1383.	1.1	0