

# Mahdi Fathi

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

257  
citations

1040056

9  
h-index

996975

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

247  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Partially Observable Markov Decision Process for Monitoring Multilayer Wafer Fabrication. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1742-1753.                          | 5.2  | 6         |
| 2  | An Integrated Pricing, QoS-Aware Sensor Location Model for Security Protection in Society 5.0. IEEE Transactions on Engineering Management, 2021, , 1-13.  | 3.5  | 1         |
| 3  | Theory-Based Failure Modes and Effect Analysis for Medication Errors. Journal of Healthcare Engineering, 2021, 2021, 1-14.   | 1.9  | 4         |
| 4  | An integrated queuing-stochastic optimization hybrid Genetic Algorithm for a location-inventory supply chain network. International Journal of Production Economics, 2021, 237, 108139.          | 8.9  | 36        |
| 5  | Equity or Equality? Which Approach Brings More Satisfaction in a Kidney-Exchange Chain?. Journal of Personalized Medicine, 2021, 11, 1383.   | 2.5  | 0         |
| 6  | A multi-objective model for risk mitigating in supply chain design. International Journal of Production Research, 2020, 58, 1338-1361.   | 7.5  | 25        |
| 7  | Model Misspecification of Generalized Gamma Distribution for Accelerated Lifetime-Censored Data. Technometrics, 2020, 62, 357-370.   | 1.9  | 6         |
| 8  | Minimax Optimization for Recipe Management in High-Mixed Semiconductor Lithography Process. IEEE Transactions on Industrial Informatics, 2020, 16, 4975-4985.                                    | 11.3 | 19        |
| 9  | Estimation and demographic analysis of COVID-19 infections with respect to weather factors in Europe. Journal of Business Analytics, 2020, 3, 93-106.  | 2.7  | 10        |
| 10 | Credit guarantee mechanism with information asymmetry: a single-sourcing model. International Journal of Production Research, 2020, 58, 4877-4893.   | 7.5  | 8         |
| 11 | Patient waiting time management through fuzzy based failure mode and effect analysis. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2069-2080.   | 1.4  | 20        |
| 12 | Kidney-related operations research: A review. IIEE Transactions on Healthcare Systems Engineering, 2019, 9, 226-242.   | 1.7  | 5         |
| 13 | Development of Smart Semiconductor Manufacturing: Operations Research and Data Science Perspectives. IEEE Access, 2019, 7, 108419-108430.  | 4.2  | 19        |
| 14 | Compensating Misalignment Using Dynamic Random-Effect Control System: A Case of High-Mixed Wafer Fabrication. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1788-1799.      | 5.2  | 15        |
| 15 | Solving a continuous periodic review inventory-location allocation problem in vendor-buyer supply chain under uncertainty. Computers and Industrial Engineering, 2019, 128, 541-552.             | 6.3  | 16        |
| 16 | Redundancy allocation problem in a bridge system with dependent subsystems. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2019, 233, 658-669. | 0.7  | 4         |
| 17 | Disturbance Rejection Run-to-Run Controller for Semiconductor Manufacturing. Springer Optimization and Its Applications, 2019, , 301-319.  | 0.9  | 2         |
| 18 | A System Dynamic Model for Implementation of Industry 4.0. , 2018, , .   |      | 6         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Modeling the merging capacity for two streams of product returns in remanufacturing systems. Journal of Manufacturing Systems, 2015, 37, 265-276.   | 13.9 | 19        |
| 20 | An integrated operations-marketing perspective for making decisions about order penetration point in multi-product supply chain: a queuing approach. International Journal of Production Research, 2013, 51, 5576-5596. | 7.5  | 20        |
| 21 | A Queueing-Game Model for Making Decisions About Order Penetration Point in Supply Chain in Competitive Environment. International Journal of Strategic Decision Sciences, 2013, 4, 1-24.                               | 0.0  | 9         |
| 22 | Modelling and improvement of non-standard queuing systems: a gas station case study. International Journal of Applied Decision Sciences, 2011, 4, 324.  | 0.3  | 7         |