

# Mustafa Jahangoshai Rezaee

## List of Publications by Year in descending order

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46  
papers

1,203  
citations

361413  
20  
h-index

395702  
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g-index

46  
all docs

46  
docs citations

46  
times ranked

996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating Wavelet Decomposition and Fuzzy Transformation for Improving the Accuracy of Forecasting Crude Oil Price. Computational Economics, 2023, 61, 559-591.	2.6	3
2	A fuzzy cognitive map based on Nash bargaining game for supplier selection problem: a case study on auto parts industry. Operational Research, 2022, 22, 2133-2171.	2.0	5
3	A clustering-based approach for prioritizing health, safety and environment risks integrating fuzzy C-means and hybrid decision-making methods. Stochastic Environmental Research and Risk Assessment, 2022, 36, 919-938.	4.0	18
4	Enhancing risk assessment of manufacturing production process integrating failure modes and sequential fuzzy cognitive map. Quality Engineering, 2022, 34, 191-204.	1.1	3
5	Analysing causal relationships between delay factors in construction projects. International Journal of Managing Projects in Business, 2021, 14, 412-444.	2.5	13
6	Risk assessment in discrete production processes considering uncertainty and reliability: Z-number multi-stage fuzzy cognitive map with fuzzy learning algorithm. Artificial Intelligence Review, 2021, 54, 1349-1383.	15.7	36
7	An intelligent strategy map to evaluate improvement projects of auto industry using fuzzy cognitive map and fuzzy slack-based efficiency model. Computers and Industrial Engineering, 2021, 151, 106920.	6.3	12
8	GBK-means clustering algorithm: An improvement to the K-means algorithm based on the bargaining game. Knowledge-Based Systems, 2021, 213, 106672.	7.1	38
9	A medical decision support system for predicting the severity level of COVID-19. Complex & Intelligent Systems, 2021, 7, 2037-2051.	6.5	9
10	An ensemble approach based on transformation functions for natural gas price forecasting considering optimal time delays. PeerJ Computer Science, 2021, 7, e409.	4.5	4
11	Efficient Crisis Management by Selection and Analysis of Relief Centers in Disaster Integrating GIS and Multicriteria Decision Methods: A Case Study of Tehran. Mathematical Problems in Engineering, 2021, 1-22.	1.1	21
12	Automatic dimensional defect detection for glass vials based on machine vision: A heuristic segmentation method. Journal of Manufacturing Processes, 2021, 68, 973-989.	5.9	23
13	Supplier selection and order allocation using two-stage hybrid supply chain model and game-based order price. Operational Research, 2021, 21, 553-588.	2.0	24
14	A new decomposition and interpretation of Hicks-Moorsteen productivity index for analysis of Stock Exchange companies: Case study on pharmaceutical industry. Socio-Economic Planning Sciences, 2020, 69, 100674.	5.0	6
15	Inverse Dynamic Data Envelopment Analysis for Evaluating Faculties of University with Quasi-Fixed Inputs. Social Indicators Research, 2020, 148, 323-347.	2.7	6
16	Risk analysis of health, safety and environment in chemical industry integrating linguistic FMEA, fuzzy inference system and fuzzy DEA. Stochastic Environmental Research and Risk Assessment, 2020, 34, 201-218.	4.0	76
17	Analysis and decision based on specialist self-assessment for prognosis factors of acute leukemia integrating data-driven Bayesian network and fuzzy cognitive map. Medical and Biological Engineering and Computing, 2020, 58, 2845-2861.	2.8	4
18	Angle analysis of fabric wrinkle by projected profile light line method, image processing and neuro-fuzzy system. International Journal of Computer Integrated Manufacturing, 2020, 33, 1167-1184.	4.6	6

#	ARTICLE	IF	CITATIONS
19	An integrated approach to system dynamics and data envelopment analysis for determining efficient policies and forecasting travel demand in an urban transport system. <i>Transportation Letters</i> , 2020, , 1-17.	3.1	12
20	Design of an integrated model for diagnosis and classification of pediatric acute leukemia using machine learning. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 1051-1069.	1.8	22
21	Causal effect analysis of logistics processes risks in manufacturing industries using sequential multi-stage fuzzy cognitive map: a case study. <i>International Journal of Computer Integrated Manufacturing</i> , 2020, 33, 1055-1075.	4.6	18
22	A hybrid approach based on inverse neural network to determine optimal level of energy consumption in electrical power generation. <i>Computers and Industrial Engineering</i> , 2019, 134, 52-63.	6.3	14
23	Road map for progress and attractiveness of Iranian hospitals by integrating self-organizing map and context-dependent DEA. <i>Health Care Management Science</i> , 2019, 22, 410-436.	2.6	8
24	Integrating neuro-fuzzy system and evolutionary optimization algorithms for short-term power generation forecasting. <i>International Journal of Energy Sector Management</i> , 2019, 13, 828-845.	2.3	13
25	Root barriers management in development of renewable energy resources in Iran: An interpretative structural modeling approach. <i>Energy Policy</i> , 2019, 129, 292-306.	8.8	47
26	Short-term power output forecasting of hourly operation in power plant based on climate factors and effects of wind direction and wind speed. <i>Energy</i> , 2018, 148, 775-788.	8.8	30
27	Risk measurement and prioritization of auto parts manufacturing processes based on process failure analysis, interval data envelopment analysis and grey relational analysis. <i>Journal of Intelligent Manufacturing</i> , 2018, 29, 1803-1825.	7.3	70
28	A decision system using fuzzy cognitive map and multi-group data envelopment analysis to estimate hospitals's outputs level. <i>Neural Computing and Applications</i> , 2018, 29, 761-777.	5.6	37
29	An intelligent decision making approach for identifying and analyzing airport risks. <i>Journal of Air Transport Management</i> , 2018, 68, 14-27.	4.5	36
30	Evaluation and selection of sustainable suppliers in supply chain using new GP-DEA model with imprecise data. <i>Journal of Industrial Engineering International</i> , 2018, 14, 613-625.	1.8	43
31	Integrating dynamic fuzzy C-means, data envelopment analysis and artificial neural network to online prediction performance of companies in stock exchange. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 489, 78-93.	2.6	77
32	Risk analysis of sequential processes in food industry integrating multi-stage fuzzy cognitive map and process failure mode and effects analysis. <i>Computers and Industrial Engineering</i> , 2018, 123, 325-337.	6.3	73
33	Identifying and managing failures in stone processing industry using cost-based FMEA. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 3329-3342.	3.0	44
34	A multi-objective model for closed-loop supply chain optimization and efficient supplier selection in a competitive environment considering quantity discount policy. <i>Journal of Industrial Engineering International</i> , 2017, 13, 199-213.	1.8	26
35	Game theory versus multi-objective model for evaluating multi-level structure by using data envelopment analysis. <i>International Journal of Management Science and Engineering Management</i> , 2017, 12, 245-255.	3.1	9
36	Multi-stage cognitive map for failures assessment of production processes: An extension in structure and algorithm. <i>Neurocomputing</i> , 2017, 232, 69-82.	5.9	46

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37	Using supply chain visibility and cost for supplier selection: a mathematical model. International Journal of Management Science and Engineering Management, 2017, 12, 196-205.	3.1	18
38	Solving multi-objective portfolio optimization problem using invasive weed optimization. Swarm and Evolutionary Computation, 2016, 28, 42-57.	8.1	76
39	An improvement approach based on DEA-game theory for comparison of operational and spatial efficiencies in urban transportation systems. KSCE Journal of Civil Engineering, 2016, 20, 1526-1531.	1.9	25
40	Using Shapley value in multi-objective data envelopment analysis: Power plants evaluation with multiple frontiers. International Journal of Electrical Power and Energy Systems, 2015, 69, 141-149.	5.5	22
41	Do Geographical Locations Affect in Hospitals Performance? A Multi-group Data Envelopment Analysis. Journal of Medical Systems, 2015, 39, 85.	3.6	24
42	Nash bargaining game model for two parallel stages process evaluation with shared inputs. International Journal of Advanced Manufacturing Technology, 2013, 67, 475-484.	3.0	14
43	Reduction method based on fuzzy principal component analysis in multi-objective possibilistic programming. International Journal of Advanced Manufacturing Technology, 2013, 67, 823-831.	3.0	4
44	Unified Performance Evaluation of Health Centers with Integrated Model of Data Envelopment Analysis and Bargaining Game. Journal of Medical Systems, 2012, 36, 3805-3815.	3.6	26
45	Operational and non-operational performance evaluation of thermal power plants in Iran: A game theory approach. Energy, 2012, 38, 96-103.	8.8	48
46	Multi-criteria decision making for assembly line balancing. Journal of Intelligent Manufacturing, 2009, 20, 113-121.	7.3	14