

# Mustafa Jahangoshai Rezaee

## List of Publications by Year in descending order

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46  
papers

1,203  
citations

361045

20  
h-index

395343

33  
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. <i>Computational Economics</i> , 2023, 61, 559-591.	1.5	3
2	A fuzzy cognitive map based on Nash bargaining game for supplier selection problem: a case study on auto parts industry. <i>Operational Research</i> , 2022, 22, 2133-2171.	1.3	5
3	A clustering-based approach for prioritizing health, safety and environment risks integrating fuzzy C-means and hybrid decision-making methods. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 919-938.	1.9	18
4	Enhancing risk assessment of manufacturing production process integrating failure modes and sequential fuzzy cognitive map. <i>Quality Engineering</i> , 2022, 34, 191-204.	0.7	3
5	Analysing causal relationships between delay factors in construction projects. <i>International Journal of Managing Projects in Business</i> , 2021, 14, 412-444.	1.3	13
6	Risk assessment in discrete production processes considering uncertainty and reliability: Z-number multi-stage fuzzy cognitive map with fuzzy learning algorithm. <i>Artificial Intelligence Review</i> , 2021, 54, 1349-1383.	9.7	36
7	An intelligent strategy map to evaluate improvement projects of auto industry using fuzzy cognitive map and fuzzy slack-based efficiency model. <i>Computers and Industrial Engineering</i> , 2021, 151, 106920.	3.4	12
8	GBK-means clustering algorithm: An improvement to the K-means algorithm based on the bargaining game. <i>Knowledge-Based Systems</i> , 2021, 213, 106672.	4.0	38
9	A medical decision support system for predicting the severity level of COVID-19. <i>Complex &amp; Intelligent Systems</i> , 2021, 7, 2037-2051.	4.0	9
10	An ensemble approach based on transformation functions for natural gas price forecasting considering optimal time delays. <i>PeerJ Computer Science</i> , 2021, 7, e409.	2.7	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. <i>Mathematical Problems in Engineering</i> , 2021, 1-22.	0.6	21
12	Automatic dimensional defect detection for glass vials based on machine vision: A heuristic segmentation method. <i>Journal of Manufacturing Processes</i> , 2021, 68, 973-989.	2.8	23
13	Supplier selection and order allocation using two-stage hybrid supply chain model and game-based order price. <i>Operational Research</i> , 2021, 21, 553-588.	1.3	24
14	A new decomposition and interpretation of Hicks-Moorsteen productivity index for analysis of Stock Exchange companies: Case study on pharmaceutical industry. <i>Socio-Economic Planning Sciences</i> , 2020, 69, 100674.	2.5	6
15	Inverse Dynamic Data Envelopment Analysis for Evaluating Faculties of University with Quasi-Fixed Inputs. <i>Social Indicators Research</i> , 2020, 148, 323-347.	1.4	6
16	Risk analysis of health, safety and environment in chemical industry integrating linguistic FMEA, fuzzy inference system and fuzzy DEA. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 201-218.	1.9	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. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 2845-2861.	1.6	4
18	Angle analysis of fabric wrinkle by projected profile light line method, image processing and neuro-fuzzy system. <i>International Journal of Computer Integrated Manufacturing</i> , 2020, 33, 1167-1184.	2.9	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.	1.8	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.	1.0	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.	2.9	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.	3.4	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.	1.5	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.	1.2	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.	4.2	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.	4.5	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.	4.4	70
28	A decision system using fuzzy cognitive map and multi-group data envelopment analysis to estimate hospitalsâ€™ outputs level. <i>Neural Computing and Applications</i> , 2018, 29, 761-777.	3.2	37
29	An intelligent decision making approach for identifying and analyzing airport risks. <i>Journal of Air Transport Management</i> , 2018, 68, 14-27.	2.4	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.	1.2	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.	3.4	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.	1.5	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.	2.6	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.	3.5	46

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37	Using supply chain visibility and cost for supplier selection: a mathematical model. <i>International Journal of Management Science and Engineering Management</i> , 2017, 12, 196-205.	2.6	18
38	Solving multi-objective portfolio optimization problem using invasive weed optimization. <i>Swarm and Evolutionary Computation</i> , 2016, 28, 42-57.	4.5	76
39	An improvement approach based on DEA-game theory for comparison of operational and spatial efficiencies in urban transportation systems. <i>KSCE Journal of Civil Engineering</i> , 2016, 20, 1526-1531.	0.9	25
40	Using Shapley value in multi-objective data envelopment analysis: Power plants evaluation with multiple frontiers. <i>International Journal of Electrical Power and Energy Systems</i> , 2015, 69, 141-149.	3.3	22
41	Do Geographical Locations Affect in Hospitals Performance? A Multi-group Data Envelopment Analysis. <i>Journal of Medical Systems</i> , 2015, 39, 85.	2.2	24
42	Nash bargaining game model for two parallel stages process evaluation with shared inputs. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 67, 475-484.	1.5	14
43	Reduction method based on fuzzy principal component analysis in multi-objective possibilistic programming. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 67, 823-831.	1.5	4
44	Unified Performance Evaluation of Health Centers with Integrated Model of Data Envelopment Analysis and Bargaining Game. <i>Journal of Medical Systems</i> , 2012, 36, 3805-3815.	2.2	26
45	Operational and non-operational performance evaluation of thermal power plants in Iran: A game theory approach. <i>Energy</i> , 2012, 38, 96-103.	4.5	48
46	Multi-criteria decision making for assembly line balancing. <i>Journal of Intelligent Manufacturing</i> , 2009, 20, 113-121.	4.4	14