

Saeid Jafarzadeh Ghoushchi

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,692
citations

361045

20
h-index

301761

39
g-index

50
all docs

50
docs citations

50
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of effective climatology parameters on COVID-19 outbreak in Iran. <i>Science of the Total Environment</i> , 2020, 729, 138705.	3.9	381
2	Brain tumor segmentation based on deep learning and an attention mechanism using MRI multi-modalities brain images. <i>Scientific Reports</i> , 2021, 11, 10930.	1.6	253
3	An extended FMEA approach based on the Z-MOORA and fuzzy BWM for prioritization of failures. <i>Applied Soft Computing Journal</i> , 2019, 81, 105505.	4.1	150
4	Lung Infection Segmentation for COVID-19 Pneumonia Based on a Cascade Convolutional Network from CT Images. <i>BioMed Research International</i> , 2021, 2021, 1-16.	0.9	64
5	Landfill Site Selection for Medical Waste Using an Integrated SWARA-WASPAS Framework Based on Spherical Fuzzy Set. <i>Sustainability</i> , 2021, 13, 13950.	1.6	57
6	DMTC: Optimize Energy Consumption in Dynamic Wireless Sensor Network Based on Fog Computing and Fuzzy Multiple Attribute Decision-Making. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-14.	0.8	44
7	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
8	Presentation of a new hybrid approach for forecasting economic growth using artificial intelligence approaches. <i>Neural Computing and Applications</i> , 2019, 31, 8661-8680.	3.2	42
9	An extended new approach for forecasting short-term wind power using modified fuzzy wavelet neural network: A case study in wind power plant. <i>Energy</i> , 2021, 223, 120052.	4.5	38
10	Multi-criteria sustainable supplier selection using piecewise linear value function and fuzzy best-worst method. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 2309-2325.	0.8	37
11	Application of gene expression programming and sensitivity analyses in analyzing effective parameters in gastric cancer tumor size and location. <i>Soft Computing</i> , 2020, 24, 9943-9964.	2.1	35
12	HSE risk prioritization of molybdenum operation process using extended FMEA approach based on Fuzzy BWM and Z-WASPAS. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 5157-5173.	0.8	31
13	Integrated Decision-Making Approach Based on SWARA and GRA Methods for the Prioritization of Failures in Solar Panel Systems under Z-Information. <i>Symmetry</i> , 2020, 12, 310.	1.1	30
14	Revealing the relationship between solar activity and COVID-19 and forecasting of possible future viruses using multi-step autoregression (MSAR). <i>Environmental Science and Pollution Research</i> , 2021, 28, 38074-38084.	2.7	30
15	An Extended Approach to Predict Retinopathy in Diabetic Patients Using the Genetic Algorithm and Fuzzy C-Means. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	30
16	Nerve optic segmentation in CT images using a deep learning model and a texture descriptor. <i>Complex & Intelligent Systems</i> , 2022, 8, 3543-3557.	4.0	29
17	Risk Prioritization in Failure Mode and Effects Analysis with Extended SWARA and MOORA Methods Based on Z-Numbers Theory. <i>Informatica</i> , 2021, , 41-67.	1.5	28
18	An extended approach to the diagnosis of tumour location in breast cancer using deep learning. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 8487-8497.	3.3	28

#	ARTICLE	IF	CITATIONS
19	An extended robust approach for a cooperative inventory routing problem. <i>Expert Systems With Applications</i> , 2019, 116, 310-327.	4.4	27
20	MRFE-CNN: multi-route feature extraction model for breast tumor segmentation in Mammograms using a convolutional neural network. <i>Annals of Operations Research</i> , 2023, 328, 1021-1042.	2.6	23
21	Experimental and numerical diagnosis of fatigue foot using convolutional neural network. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1828-1840.	0.9	22
22	Presentation of a Segmentation Method for a Diabetic Retinopathy Patient's Fundus Region Detection Using a Convolutional Neural Network. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-14.	1.1	21
23	Osteolysis: A Literature Review of Basic Science and Potential Computer-Based Image Processing Detection Methods. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-21.	1.1	21
24	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
25	DQRE-SCnet: A novel hybrid approach for selecting users in Federated Learning with Deep-Q-Reinforcement Learning based on Spectral Clustering. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 7445-7458.	2.7	18
26	An Integrated Mathematical Attitude Utilizing Fully Fuzzy BWM and Fuzzy WASPAS for Risk Evaluation in a SOFC. <i>Mathematics</i> , 2021, 9, 2328.	1.1	18
27	G-Numbers: Importance-Necessity Concept in Uncertain Environment. <i>International Journal of Management and Fuzzy Systems</i> , 2019, 5, 27.	0.2	17
28	Barriers to circular economy implementation in designing of sustainable medical waste management systems using a new extended decision-making and FMEA models. <i>Environmental Science and Pollution Research</i> , 2022, 29, 79735-79753.	2.7	17
29	Assessment and Prioritize Risk Factors of Financial Measurement of Management Control System for Production Companies Using a Hybrid Z-SWARA and Z-WASPAS with FMEA Method: A Meta-Analysis. <i>Mathematics</i> , 2022, 10, 253.	1.1	16
30	A Robust Algorithm for Classification and Diagnosis of Brain Disease Using Local Linear Approximation and Generalized Autoregressive Conditional Heteroscedasticity Model. <i>Mathematics</i> , 2020, 8, 1268.	1.1	15
31	Extended approach by using best-worst method on the basis of importance-necessity concept and its application. <i>Applied Intelligence</i> , 2021, 51, 8030-8044.	3.3	11
32	Clustering of Brain Tumor Based on Analysis of MRI Images Using Robust Principal Component Analysis (ROBPCA) Algorithm. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	11
33	Health Safety and Environment Risk Assessment Using an Extended BWM-COPRAS Approach Based on G-Number Theory. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 1888-1908.	2.3	11
34	A Novel Approach to Solve Fully Fuzzy Linear Programming Problems with Modified Triangular Fuzzy Numbers. <i>Mathematics</i> , 2021, 9, 2937.	1.1	10
35	Presentation of Novel Hybrid Algorithm for Detection and Classification of Breast Cancer Using Growth Region Method and Probabilistic Neural Network. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-14.	1.1	9
36	A robust fuzzy multi-objective location-routing problem for hazardous waste under uncertain conditions. <i>Applied Intelligence</i> , 2022, , 1-21.	3.3	9

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37	Monitoring Blockchain Cryptocurrency Transactions to Improve the Trustworthiness of the Fourth Industrial Revolution (Industry 4.0). <i>Algorithms</i> , 2020, 13, 312.	1.2	8
38	Estimation of optimal physico-chemical characteristics of nano-sized inorganic blue pigment by combined artificial neural network and response surface methodology. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 159, 80-88.	1.8	6
39	Characteristics of the research on value engineering (2000-2015). <i>World Review of Science, Technology and Sustainable Development</i> , 2017, 13, 101.	0.3	5
40	Sustainable landfill site selection for hazardous waste using a GIS-based MCDM approach with G-number information. <i>Environment, Development and Sustainability</i> , 0, , .	2.7	5
41	Performance study of artificial neural network modelling to predict carried weight in the transportation system. <i>International Journal of Logistics Systems and Management</i> , 2016, 24, 200.	0.2	4
42	Qualitative and quantitative analysis of waste management literature from 2000 to 2015. <i>International Journal of Environment and Waste Management</i> , 2020, 26, 471.	0.2	4
43	Theory-Based Failure Modes and Effect Analysis for Medication Errors. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-14.	1.1	4
44	Effects of Exposure to a Variety of Waste on Human Health - A Review. <i>Journal of the Liaquat University of Medical and Health Sciences</i> , 2017, 16, 03-09.	0.8	4
45	Presenting a new model for performance measurement of the sustainable supply chain of Shoa Panjereh Company in different provinces of Iran (case study). <i>International Journal of Systems Assurance Engineering and Management</i> , 2020, 11, 140-154.	1.5	3
46	Extended Fully Fuzzy Linear Regression to Analyze a Solid Cantilever Beam Moment. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-9.	0.6	1
47	Multi-objective robust optimization for multi-stage-multi-product agile closed-loop supply chain under uncertainty in the context of circular economy. <i>Journal of Enterprise Information Management</i> , 2021, ahead-of-print, .	4.4	1
48	An Optimization Approach for Simulation Operator Allocation and Job Dispatching Rule in a Cellular Manufacturing System. <i>International Journal of Services and Operations Management</i> , 2020, 1, 1.	0.1	0
49	Qualitative and quantitative analysis of waste management literature from 2000 to 2015. <i>International Journal of Environment and Waste Management</i> , 2020, 26, 471.	0.2	0