

Ala M Al-Zoubi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,556
citations

14
h-index

39
g-index

40
ext. papers

2,039
ext. citations

4.1
avg, IF

5.43
L-index

#	Paper	IF	Citations
37	An efficient binary Salp Swarm Algorithm with crossover scheme for feature selection problems. <i>Knowledge-Based Systems</i> , 2018 , 154, 43-67	7.3	339
36	Evolutionary Population Dynamics and Grasshopper Optimization approaches for feature selection problems. <i>Knowledge-Based Systems</i> , 2018 , 145, 25-45	7.3	243
35	Binary grasshopper optimisation algorithm approaches for feature selection problems. <i>Expert Systems With Applications</i> , 2019 , 117, 267-286	7.8	219
34	An intelligent system for spam detection and identification of the most relevant features based on evolutionary Random Weight Networks. <i>Information Fusion</i> , 2019 , 48, 67-83	16.7	144
33	Simultaneous Feature Selection and Support Vector Machine Optimization Using the Grasshopper Optimization Algorithm. <i>Cognitive Computation</i> , 2018 , 10, 478-495	4.4	133
32	A multi-verse optimizer approach for feature selection and optimizing SVM parameters based on a robust system architecture. <i>Neural Computing and Applications</i> , 2018 , 30, 2355-2369	4.8	112
31	Evolving Support Vector Machines using Whale Optimization Algorithm for spam profiles detection on online social networks in different lingual contexts. <i>Knowledge-Based Systems</i> , 2018 , 153, 91-104	7.3	73
30	Time-varying hierarchical chains of salps with random weight networks for feature selection. <i>Expert Systems With Applications</i> , 2020 , 140, 112898	7.8	51
29	An efficient hybrid filter and evolutionary wrapper approach for sentiment analysis of various topics on Twitter. <i>Knowledge-Based Systems</i> , 2020 , 192, 105353	7.3	30
28	An Evolutionary Fake News Detection Method for COVID-19 Pandemic Information. <i>Symmetry</i> , 2021 , 13, 1091	2.7	18
27	Identifying β -thalassemia carriers using a data mining approach: The case of the Gaza Strip, Palestine. <i>Artificial Intelligence in Medicine</i> , 2018 , 88, 70-83	7.4	17
26	Spam Emails Detection Based on Distributed Word Embedding with Deep Learning. <i>Studies in Computational Intelligence</i> , 2021 , 161-189	0.8	17
25	Spam profiles detection on social networks using computational intelligence methods: The effect of the lingual context. <i>Journal of Information Science</i> , 2021 , 47, 58-81	2	15
24	Cycle reservoir with regular jumps for forecasting ozone concentrations: two real cases from the east of Croatia. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 559-569	5.6	14
23	A Multi-Stage Classification Approach for IoT Intrusion Detection Based on Clustering with Oversampling. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3022	2.6	14
22	Fraud Detection Model Based on Multi-Verse Features Extraction Approach for Smart City Applications 2019 , 241-251		13
21	Spam profile detection in social networks based on public features 2017 ,		10

20	Salp Chain-Based Optimization of Support Vector Machines and Feature Weighting for Medical Diagnostic Information Systems. <i>Algorithms for Intelligent Systems</i> , 2020 , 11-34	0.5	10
19	Evolutionary competitive swarm exploring optimal support vector machines and feature weighting. <i>Soft Computing</i> , 2021 , 25, 3335-3352	3.5	10
18	Cost-sensitive ensemble methods for bankruptcy prediction in a highly imbalanced data distribution: a real case from the Spanish market. <i>Progress in Artificial Intelligence</i> , 2020 , 9, 361-375	4	9
17	A Multi-Layer Classification Approach for Intrusion Detection in IoT Networks Based on Deep Learning. <i>Sensors</i> , 2021 , 21,	3.8	9
16	Online Social Networks Security: Threats, Attacks, and Future Directions 2017 , 121-132		8
15	Improving email spam detection using content based feature engineering approach 2017 ,		7
14	. <i>IEEE Access</i> , 2020 , 8, 189930-189944	3.5	7
13	2018 ,		6
12	Evolutionary inspired approach for mental stress detection using EEG signal. <i>Expert Systems With Applications</i> , 2022 , 197, 116634	7.8	5
11	An efficient malware detection approach with feature weighting based on Harris Hawks optimization. <i>Cluster Computing</i> ,1	2.1	4
10	Link Prediction Using Evolutionary Neural Network Models. <i>Algorithms for Intelligent Systems</i> , 2020 , 85-114	1.5	4
9	A Robust Multi-Objective Feature Selection Model Based on Local Neighborhood Multi-Verse Optimization. <i>IEEE Access</i> , 2021 , 9, 100009-100028	3.5	4
8	An Evolutionary-Based Sentiment Analysis Approach for Enhancing Government Decisions during COVID-19 Pandemic: The Case of Jordan. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9080	2.6	4
7	AutoRWN: automatic construction and training of random weight networks using competitive swarm of agents. <i>Neural Computing and Applications</i> , 2021 , 33, 5507-5524	4.8	3
6	Sentiment Analysis of Customers' Reviews Using a Hybrid Evolutionary SVM based Approach in an Imbalanced Data Distribution. <i>IEEE Access</i> , 2022 , 1-1	3.5	2
5	A Review of Evolutionary Data Clustering Algorithms for Image Segmentation. <i>Algorithms for Intelligent Systems</i> , 2021 , 201-214	0.5	1
4	Spam Reviews Detection in the Time of COVID-19 Pandemic: Background, Definitions, Methods and Literature Analysis. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3634	2.6	0
3	EvoCC: An Open-Source Classification-Based Nature-Inspired Optimization Clustering Framework in Python. <i>Lecture Notes in Computer Science</i> , 2022 , 77-92	0.9	0

- 2 An Intelligent Hybrid Sentiment Analyzer for Personal Protective Medical Equipments Based on Word Embedding Technique: The COVID-19 Era. *Symmetry*, **2021**, 13, 2287 2.7
- 1 Explaining Individuals' Usage of Social Commerce: A Data Mining Approach. *Modern Applied Science*, **2018**, 12, 116 1.3