

# Zafer Al-Makhadmeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8459326/publications.pdf>

Version: 2024-02-01

30  
papers

835  
citations

516561

16  
h-index

501076

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing IoT wearable medical device for heart disease prediction using higher order Boltzmann model: A classification approach. Measurement: Journal of the International Measurement Confederation, 2019, 147, 106815.	2.5	97
2	Automatic detection of lung cancer from biomedical data set using discrete AdaBoost optimized ensemble learning generalized neural networks. Neural Computing and Applications, 2020, 32, 777-790.	3.2	92
3	A big data approach to sentiment analysis using greedy feature selection with cat swarm optimization-based long short-term memory neural networks. Journal of Supercomputing, 2020, 76, 4414-4429.	2.4	74
4	Automatic hate speech detection using killer natural language processing optimizing ensemble deep learning approach. Computing (Vienna/New York), 2020, 102, 501-522.	3.2	73
5	EMS: An Energy Management Scheme for Green IoT Environments. IEEE Access, 2020, 8, 44983-44998.	2.6	65
6	Internet of things-based urban waste management system for smart cities using a Cuckoo Search Algorithm. Cluster Computing, 2020, 23, 1769-1780.	3.5	53
7	Training Convolutional Neural Networks with Multi-Size Images and Triplet Loss for Remote Sensing Scene Classification. Sensors, 2020, 20, 1188.	2.1	48
8	IS2Fun: Identification of Subway Station Functions Using Massive Urban Data. IEEE Access, 2017, 5, 27103-27113.	2.6	43
9	A social-based watchdog system to detect selfish nodes in opportunistic mobile networks. Future Generation Computer Systems, 2019, 92, 777-788.	4.9	43
10	TBM: A trust-based monitoring security scheme to improve the service authentication in the Internet of Things communications. Computer Communications, 2020, 150, 216-225.	3.1	37
11	Cooperative data forwarding based on crowdsourcing in vehicular social networks. Pervasive and Mobile Computing, 2018, 51, 43-55.	2.1	28
12	Wearable sensor-based fuzzy decision-making model for improving the prediction of human activities in rehabilitation. Measurement: Journal of the International Measurement Confederation, 2020, 166, 108254.	2.5	25
13	MDS: Multi-level decision system for patient behavior analysis based on wearable device information. Computer Communications, 2019, 147, 180-187.	3.1	23
14	PePSI: Personalized Prediction of Scholarsâ€™ Impact in Heterogeneous Temporal Academic Networks. IEEE Access, 2018, 6, 55661-55672.	2.6	20
15	Motifs in Big Networks: Methods and Applications. IEEE Access, 2019, 7, 183322-183338.	2.6	19
16	Understanding the advisorâ€™advisee relationship via scholarly data analysis. Scientometrics, 2018, 116, 161-180.	1.6	17
17	Reusable Mesh Signature Scheme for Protecting Identity Privacy of IoT Devices. Sensors, 2020, 20, 758.	2.1	16
18	STLoyal: A Spatio-Temporal Loyalty-Based Model for Subway Passenger Flow Prediction. IEEE Access, 2018, 6, 47461-47471.	2.6	10

#	ARTICLE	IF	CITATIONS
19	TBI2Flow: Travel behavioral inertia based long-term taxi passenger flow prediction. World Wide Web, 2020, 23, 1381-1405.	2.7	10
20	CMRS: A Classifier Matrix Recognition System for Traffic Management and Analysis in a Smart City Environment. IEEE Access, 2019, 7, 163301-163312.	2.6	9
21	SRAF: Scalable Resource Allocation Framework using Machine Learning in user-Centric Internet of Things. Peer-to-Peer Networking and Applications, 2021, 14, 2340-2350.	2.6	8
22	A cybersecurity user authentication approach for securing smart grid communications. Sustainable Energy Technologies and Assessments, 2021, 46, 101284.	1.7	7
23	Securing Cryptographic Chips against Scan-Based Attacks in Wireless Sensor Network Applications. Sensors, 2019, 19, 4598.	2.1	5
24	Independent and tailored network-slicing architecture for leveraging industrial internet of things job processing. Computer Networks, 2021, 187, 107827.	3.2	4
25	An Intelligence-Based Recurrent Learning Scheme for Optimal Channel Allocation and Selection in Device-to-Device Communications. Circuits, Systems, and Signal Processing, 2020, 39, 997-1018.	1.2	3
26	A recursive learning technique for improving information processing through message classification in IoT cloud storage. Computer Communications, 2020, 150, 719-728.	3.1	3
27	A Recurrent Learning Method Based on Received Signal Strength Analysis for Improving Wireless Sensor Localization. Circuits, Systems, and Signal Processing, 2020, 39, 1019-1037.	1.2	2
28	An improved density-based single sliding clustering algorithm for large datasets in the cultural information system. Personal and Ubiquitous Computing, 2020, 24, 33-44.	1.9	1
29	Coalition-based interference mitigation method for wearable sensor transmitter receiver antenna communications. Measurement: Journal of the International Measurement Confederation, 2021, 182, 109680.	2.5	0
30	A convex problem optimization solution for information management in edge computing platforms. Expert Systems, 0, , .	2.9	0