Ali H Al-Bayatti

List of Publications by Year
in descending order

40	1,796	759233	501196
40	**1,796**	**12**	**28**
papers	citations	h-index	g-index

41	41	41	2118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comprehensive survey on vehicular Ad Hoc network. Journal of Network and Computer Applications, 2014, 37, 380-392.	9.1	1,142
2	Context-Aware Driver Behavior Detection System in Intelligent Transportation Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 4264-4275.	6.3	158
3	Social Internet of Vehicles for Smart Cities. Journal of Sensor and Actuator Networks, 2016, 5, 3.	3.9	114
4	The implementation of an intelligent and video-based fall detection system using a neural network. Applied Soft Computing Journal, 2014, 18, 59-69.	7.2	58
5	AlphaLogger: detecting motion-based side-channel attack using smartphone keystrokes. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 4869-4882.	4.9	56
6	Cooperative volunteer protocol to detect non-line of sight nodes in vehicular ad hoc networks. Vehicular Communications, 2017, 9, 72-82.	4.0	26
7	Context-aware system for pre-triggering irreversible vehicle safety actuators. Accident Analysis and Prevention, 2017, 103, 72-84.	5.7	25
8	Secure Communication Architecture for Dynamic Energy Management in Smart Grid. IEEE Power and Energy Technology Systems Journal, 2019, 6, 47-58.	2.8	19
9	Use Of Smartphones for Ensuring Vulnerable Road User Safety through Path Prediction and Early Warning: An In-Depth Review of Capabilities, Limitations and Their Applications in Cooperative Intelligent Transport Systems. Sensors, 2020, 20, 997.	3.8	18
10	GPS integrity monitoring for an intelligent transport system. , 2013, , .		17
11	An InfoStation-based context-aware on-street parking system. , 2012, , .		16
12	An Enhanced Source Location Privacy based on Data Dissemination in Wireless Sensor Networks (DeLP). Sensors, 2019, 19, 2050.	3.8	15
13	Context-aware GPS integrity monitoring for intelligent transport systems. Journal of Traffic and Transportation Engineering (English Edition), 2016, 3, 1-15.	4.2	14
14	A Fuzzy-Logic Approach to Dynamic Bayesian Severity Level Classification of Driver Distraction Using Image Recognition. IEEE Access, 2020, 8, 95197-95207.	4.2	13
15	From Conventional to State-of-the-Art IoT Access Control Models. Electronics (Switzerland), 2020, 9, 1693.	3.1	10
16	An Accurate Ensemble Classifier for Medical Volume Analysis: Phantom and Clinical PET Study. IEEE Access, 2020, 8, 37482-37494.	4.2	9
17	Security Solution for Mobile Ad Hoc Network of Networks (MANoN). , 2009, , .		8
18	Policy-Based Security Management System for 5G Heterogeneous Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-14.	1.2	8

#	Article	IF	Citations
19	A Multi-User, Single-Authentication Protocol for Smart Grid Architectures. Sensors, 2020, 20, 1581.	3.8	8
20	Context aware architecture for sending adaptive HELLO messages in VANET. , 2010, , .		8
21	Enhanced Inter-Vehicular relative positioning. , 2016, , .		7
22	Resource Efficient Authentication and Session Key Establishment Procedure for Low-Resource IoT Devices. IEEE Access, 2019, 7, 170615-170628.	4.2	7
23	Location privacy in VANETs: Provably secure anonymous key exchange protocol based on self-blindable signatures. Vehicular Communications, 2022, 36, 100490.	4.0	5
24	VANET Coverage Analysis for GPS Augmentation Data in Rural Area. IFAC-PapersOnLine, 2016, 49, 245-250.	0.9	4
25	Improved Security Performance for VANET Simulations. IFAC-PapersOnLine, 2016, 49, 233-238.	0.9	4
26	Improved Chaff-Based CMIX for Solving Location Privacy Issues in VANETs. Electronics (Switzerland), 2021, 10, 1302.	3.1	4
27	Limitations of HIL Test Architectures for Car2X Communication Devices and Applications. , 2019, , .		4
28	A Machine-Learning-Based Approach to Predict the Health Impacts of Commuting in Large Cities: Case Study of London. Symmetry, 2020, 12, 866.	2.2	3
29	Access Control Mechansim for Mobile Ad Hoc Network of Networks (MANoN). , 2010, , .		2
30	Agentâ€based negotiation approach for feature interactions in smart home systems using calculus of the contextâ€aware ambient. Transactions on Emerging Telecommunications Technologies, 2019, , e3808.	3.9	2
31	Variance Ranking for Multi-Classed Imbalanced Datasets: A Case Study of One-Versus-All. Symmetry, 2019, 11, 1504.	2.2	2
32	Measuring the Realtime Capability of Parallel-Discrete-Event-Simulations. Electronics (Switzerland), 2021, 10, 636.	3.1	2
33	C2S2-LOOP: Circular Chessboard-Based Secure Source Location Privacy Model Using ECC-ALO in WSN. Wireless Communications and Mobile Computing, 2021, 2021, 1-17.	1.2	2
34	Security Management for Mobile Ad Hoc Network of Networks (MANoN). International Journal of Mobile Computing and Multimedia Communications, 2010, 2, 1-19.	0.5	2
35	Context-Aware Driver Distraction Severity Classification using LSTM Network. , 2019, , .		1
36	An Effective Knowledge-Based Modeling Approach towards a â€œSmart-School Care Coordination Systemâ€•for Children and Young People with Special Educational Needs and Disabilities. Symmetry, 2020, 12, 1495.	2.2	1

#	Article	IF	Citations
37	An Effective Hybrid Approach Based on Machine Learning Techniques for Auto-Translation: Japanese to English. , 2021, , .		1
38	Critically Analysing Routing Protocols in a Vehicular Ad-hoc Network. , 2020, , .		1
39	Predicting the Standard and Deviant Patterns in EEG Signals Based on Deep Learning Model. , 2019, , .		0
40	Security Management for Mobile Ad Hoc Network of Networks (MANoN). , 2012, , 1-18.		0