Ali H Al-Bayatti

List of Publications by Citations

36 papers	1,261 citations
9 h-index	35 g-index
41 ext. papers	1,568 ext. citations
3.4 avg, IF	4.83 L-index

#	Paper	IF	Citations
36	A comprehensive survey on vehicular Ad Hoc network. *Journal of Network and Computer Applications*, **2014**, 37, 380-392	7.9	829
35	. *IEEE Transactions on Vehicular Technology*, **2013**, 62, 4264-4275	6.8	119
34	Social Internet of Vehicles for Smart Cities. *Journal of Sensor and Actuator Networks*, **2016**, 5, 3	3.8	75
33	The implementation of an intelligent and video-based fall detection system using a neural network. *Applied Soft Computing Journal*, **2014**, 18, 59-69	7.5	47
32	AlphaLogger: detecting motion-based side-channel attack using smartphone keystrokes. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 1	3.7	38
31	Context-aware system for pre-triggering irreversible vehicle safety actuators. *Accident Analysis and Prevention*, **2017**, 103, 72-84	6.1	19
30	Cooperative volunteer protocol to detect non-line of sight nodes in vehicular ad hoc networks. *Vehicular Communications*, **2017**, 9, 72-82	5.7	19
29	An InfoStation-based context-aware on-street parking system **2012**,		14
28	GPS integrity monitoring for an intelligent transport system **2013**,		12
27	Secure Communication Architecture for Dynamic Energy Management in Smart Grid. *IEEE Power and Energy Technology Systems Journal*, **2019**, 6, 47-58	4.3	8
26	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,	3.8	8
25	An Enhanced Source Location Privacy based on Data Dissemination in Wireless Sensor Networks (DeLP). *Sensors*, **2019**, 19,	3.8	7
24	Context-aware GPS integrity monitoring for intelligent transport systems. *Journal of Traffic and Transportation Engineering (English Edition)*, **2016**, 3, 1-15	3.9	7
23	Context aware architecture for sending adaptive HELLO messages in VANET **2010**,		7
22	A Fuzzy-Logic Approach to Dynamic Bayesian Severity Level Classification of Driver Distraction Using Image Recognition. *IEEE Access*, **2020**, 8, 95197-95207	3.5	6
21	From Conventional to State-of-the-Art IoT Access Control Models. *Electronics (Switzerland)*, **2020**, 9, 1693	3.6	5
20	Security Solution for Mobile Ad Hoc Network of Networks (MANoN) **2009**,		5

19	An Accurate Ensemble Classifier for Medical Volume Analysis: Phantom and Clinical PET Study. *IEEE Access*, **2020**, 8, 37482-37494	3.5	4
18	VANET Coverage Analysis for GPS Augmentation Data in Rural Area. *IFAC-PapersOnLine*, **2016**, 49, 245-250	0.7	4
17	Enhanced Inter-Vehicular relative positioning **2016**,		4
16	Resource Efficient Authentication and Session Key Establishment Procedure for Low-Resource IoT Devices. *IEEE Access*, **2019**, 7, 170615-170628	3.5	4
15	A Multi-User, Single-Authentication Protocol for Smart Grid Architectures. *Sensors*, **2020**, 20,	3.8	3
14	Limitations of HIL Test Architectures for Car2X Communication Devices and Applications **2019**,		3
13	Improved Security Performance for VANET Simulations. *IFAC-PapersOnLine*, **2016**, 49, 233-238	0.7	3
12	Policy-Based Security Management System for 5G Heterogeneous Networks. *Wireless Communications and Mobile Computing*, **2019**, 2019, 1-14	1.9	3
11	Variance Ranking for Multi-Classed Imbalanced Datasets: A Case Study of One-Versus-All. *Symmetry*, **2019**, 11, 1504	2.7	2
10	A Machine-Learning-Based Approach to Predict the Health Impacts of Commuting in Large Cities: Case Study of London. *Symmetry*, **2020**, 12, 866	2.7	1
9	Critically Analysing Routing Protocols in a Vehicular Ad-hoc Network **2020**,		1
8	Security Management for Mobile Ad Hoc Network of Networks (MANoN). *International Journal of Mobile Computing and Multimedia Communications*, **2010**, 2, 1-19	0.7	1
7	An Effective Knowledge-Based Modeling Approach towards a Smart-School Care Coordination System for Children and Young People with Special Educational Needs and Disabilities. *Symmetry*, **2020**, 12, 1495	2.7	1
6	Improved Chaff-Based CMIX for Solving Location Privacy Issues in VANETs. *Electronics (Switzerland)*, **2021**, 10, 1302	2.6	1
5	Agent-based negotiation approach for feature interactions in smart home systems using calculus of the context-aware ambient. *Transactions on Emerging Telecommunications Technologies*, **2019**, e3808	1.9	1
4	C2S2-LOOP: Circular Chessboard-Based Secure Source Location Privacy Model Using ECC-ALO in WSN. *Wireless Communications and Mobile Computing*, **2021**, 2021, 1-17	1.9	0
3	Measuring the Realtime Capability of Parallel-Discrete-Event-Simulations. *Electronics (Switzerland)*, **2021**, 10, 636	2.6	0
2	Location privacy in VANETs: Provably secure anonymous key exchange protocol based on self-blindable signatures. *Vehicular Communications*, **2022**, 100490	5.7	0

1   Security Management for Mobile Ad Hoc Network of Networks (MANoN) **2012**, 1-18

4

1   Security Management for Mobile Ad Hoc Network of Networks (MANoN) **2012**, 1-18