Omar Banimelhem

List of Publications by Year
in descending order

15 papers	58 citations	2258059 3 h-index	2053705 5 g-index
15 all docs	15 docs citations	15 times ranked	47 citing authors

#	Article	IF	Citations
1	An efficient clustering approach using genetic algorithm and node mobility in wireless sensor networks. , 2014, , .		12
2	A More Secure Image Hiding Scheme Using Pixel Adjustment and Genetic Algorithm. International Journal of Information Security and Privacy, 2013, 7, 1-15.	0.8	8
3	An efficient coverage in wireless sensor networks using fuzzy logic-based control for the mobile node movement. , 2017, , .		7
4	Experimental evaluation of image compression and transmission for TinyOS-based imote2 platform. , 2011, , .		4
5	An Efficient Path Generation Algorithm Using Principle Component Analysis for Mobile Sinks in Wireless Sensor Networks. Journal of Sensor and Actuator Networks, 2021, 10, 69.	3.9	4
6	The Potential of Using Network Coding with Geographical Forwarding Routing for Wireless Multimedia Sensor Networks. , 2011, , .		3
7	A path generation algorithm for mobile sinks in wireless sensor networks. , 2013, , .		3
8	Fuzzy Logic-Based Cluster Heads Percentage Calculation for Improving the Performance of the LEACH Protocol. International Journal of Fuzzy System Applications, 2015, 4, 100-118.	0.7	3
9	Multilevel thresholding image segmentation using memetic algorithm. , 2015, , .		3
10	An Energy-Balanced Cluster-Based Protocol for Wireless Sensor Networks. International Journal of Information Technology and Web Engineering, 2013, 8, 50-63.	1.6	3
11	A Novel High Quality High Capacity Image Hiding Scheme Based on Image Compression and an Optical Pixel Adjustment Process. Information Security Journal, 2012, 21, 256-268.	1.9	2
12	A new approach for target coverage in wireless sensor networks using fuzzy logic. , 2013, , .		2
13	Fuzzy logic-based clustering approach with mobile sink for WSNs. , 2017, , .		2
14	Neural network based optimization of CMOS transistor sizing for leakage power minimization. , 2012, , .		1
15	A simulation testbed to jointly exploit multiple image compression techniques for wireless multimedia sensor networks. , 2014, , .		1