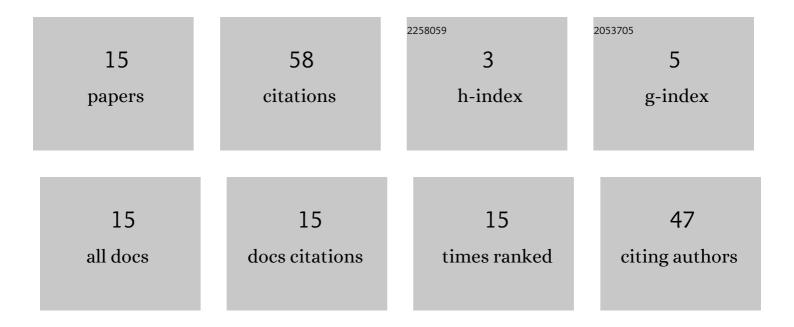
## **Omar Banimelhem**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9766964/publications.pdf Version: 2024-02-01



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