

Rabie A Ramadan

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

1,309
citations

516561

16
h-index

395590

33
g-index

119
all docs

119
docs citations

119
times ranked

1358
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain computer interface: control signals review. <i>Neurocomputing</i> , 2017, 223, 26-44.	3.5	374
2	Hybrid Intelligent Intrusion Detection Scheme. <i>Advances in Intelligent and Soft Computing</i> , 2011, , 293-303.	0.2	129
3	Effect of narrowband ultraviolet B phototherapy on serum folic acid levels in patients with psoriasis. <i>Lasers in Medical Science</i> , 2011, 26, 481-485.	1.0	51
4	SLIM: A Lightweight Block Cipher for Internet of Health Things. <i>IEEE Access</i> , 2020, 8, 203747-203757.	2.6	47
5	IoT Data Provenance Implementation Challenges. <i>Procedia Computer Science</i> , 2017, 109, 1134-1139.	1.2	43
6	Basics of Brain Computer Interface. <i>Intelligent Systems Reference Library</i> , 2015, , 31-50.	1.0	40
7	Internet of Drones Intrusion Detection Using Deep Learning. <i>Electronics (Switzerland)</i> , 2021, 10, 2633.	1.8	37
8	Physically Based Analytical Model of Heavily Doped Silicon Wafers Based Proposed Solar Cell Microstructure. <i>IEEE Access</i> , 2020, 8, 138898-138906.	2.6	31
9	Cybersecurity and Countermeasures at the Time of Pandemic. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-19.	0.9	25
10	E3AF: Energy Efficient Environment-Aware Fusion Based Reliable Routing in Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 112145-112159.	2.6	24
11	Real-Time Energy-Efficient Reliable Traffic Aware Routing for Industrial Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 58130-58145.	2.6	21
12	A Fuzzy Approach of Sensitivity for Multiple Colonies on Ant Colony Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 87-95.	0.5	21
13	Efficient deployment algorithms for mobile sensor networks. , 2010, , .		20
14	Towards internet of things modeling: a gateway approach. <i>Complex Adaptive Systems Modeling</i> , 2016, 4, .	1.6	20
15	Stepwise charge transfer complexation of some pyrimidines with π -acceptor iodine involving a new unconventional acceptor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 605-611.	2.0	19
16	Smart Environmental Monitoring Using Wireless Sensor Networks. , 2013, , 731-754.		19
17	Agent Based Multipath Routing in wireless sensor networks. , 2009, , .		17
18	WSN in Monitoring Oil Pipelines Using ACO and GA. <i>Procedia Computer Science</i> , 2015, 52, 1198-1205.	1.2	17

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19	Efficient Intrusion Detection Algorithms for Smart Cities-Based Wireless Sensing Technologies. Journal of Sensor and Actuator Networks, 2020, 9, 39.	2.3	17
20	A Novel Hybrid Intrusion Detection System (IDS) for the Detection of Internet of Things (IoT) Network Attacks. Annals of Emerging Technologies in Computing, 2020, 4, 61-74.	1.0	16
21	Deep Sentiment Analysis: A Case Study on Stemmed Turkish Twitter Data. IEEE Access, 2021, 9, 56836-56854.	2.6	15
22	Distributed Mutual Exclusion Algorithms for Intersection Traffic Problems. IEEE Access, 2020, 8, 138277-138296.	2.6	14
23	Optimal and Approximate Approaches for Deployment of Heterogeneous Sensing Devices. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	1.5	13
24	The Intelligent Classroom: Towards an Educational Ambient Intelligence Testbed. , 2010, , .		13
25	Sensor Networks Attacks Classifications and Mitigation. Annals of Emerging Technologies in Computing, 2018, 2, 28-43.	1.0	13
26	Efficient Node Deployment of Large-Scale Heterogeneous Wireless Sensor Networks. Applied Sciences (Switzerland), 2021, 11, 10924.	1.3	12
27	Hierarchal Fuzzy Logic Controller and Internet of Things (IoT) Information. International Journal of System Dynamics Applications, 2017, 6, 59-86.	0.3	10
28	Handling Imbalance Classification Virtual Screening Big Data Using Machine Learning Algorithms. Complexity, 2021, 2021, 1-15.	0.9	10
29	Big Data Tools-An Overview. International Journal of Computer & Software Engineering, 2017, 2, .	0.4	9
30	Smart Clustering for Multimodal WSNs. , 2012, , .		8
31	Finding the Best Sink Location in WSNs with Reliability Route Analysis. Procedia Computer Science, 2014, 32, 1160-1167.	1.2	8
32	Modified Gur Game for WSNs QoS control. Procedia Computer Science, 2014, 32, 1168-1173.	1.2	8
33	LBC-IoT: Lightweight Block Cipher for IoT Constraint Devices. Computers, Materials and Continua, 2021, 67, 3563-3579.	1.5	8
34	Performance Optimization of the InGaP/GaAs Dual-Junction Solar Cell Using SILVACO TCAD. International Journal of Photoenergy, 2021, 2021, 1-12.	1.4	8
35	Smart outlier detection of wireless sensor network. Facta Universitatis - Series Electronics and Energetics, 2016, 29, 383-393.	0.6	8
36	Leveraging RFID technology for intelligent classroom. , 2009, , .		7

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37	A fuzzy based hierarchical coordination and control system for a robotic agent team in the robot Hockey competition. , 2010, , .		7
38	Classification of EEG Signals for Motor Imagery based on Mutual Information and Adaptive Neuro Fuzzy Inference System. International Journal of System Dynamics Applications, 2016, 5, 64-82.	0.3	7
39	Utilising Acknowledge for the Trust in Wireless Sensor Networks. Applied Sciences (Switzerland), 2022, 12, 2045.	1.3	7
40	SensDep: A Design Tool for the Deployment of Heterogeneous Sensing Devices. , 0, , .		6
41	Distributed Intrusion Detection System for Wireless Sensor Networks. , 2015, , .		6
42	Efficient Data Reporting in a Multi-Object Tracking Using WSNs. International Journal of System Dynamics Applications, 2017, 6, 38-57.	0.3	6
43	Routhâ€“Hurwitz Stability and Quasiperiodic Attractors in a Fractional-Order Model for Awareness Programs: Applications to COVID-19 Pandemic. Discrete Dynamics in Nature and Society, 2022, 2022, 1-15.	0.5	6
44	Clustering based fuzzy logic for multimodal sensor networks: A preprocessing to decision fusion. Journal of Ambient Intelligence and Smart Environments, 2010, 2, 271-286.	0.8	5
45	VEGK: Virtual ECC group key for wireless sensor networks. , 2013, , .		5
46	Resource aware and reliable data reporting algorithm for object tracking in WSNs. Journal of Intelligent and Fuzzy Systems, 2016, 31, 99-113.	0.8	5
47	Efficient deployment of connected sensing devices using circle packing algorithms. , 2010, , .		4
48	Energy saving and reliable data reduction techniques for single and multi-modal WSNs. , 2012, , .		4
49	Fuzzy-based centroid localisation in WSNs. International Journal of Intelligent Engineering Informatics, 2015, 3, 293.	0.1	4
50	A Comparative Study of Image Descriptors in Recognizing Human Faces Supported by Distributed Platforms. Electronics (Switzerland), 2021, 10, 915.	1.8	4
51	Security in Mission Critical Communication Systems. Advances in Wireless Technologies and Telecommunication Book Series, 2017, , 270-291.	0.3	4
52	LCA- Lightweight Cryptographic Algorithm for IoT Constraint Resources. Menoufia Journal of Electronic Engineering Research, 2019, 28, 374-380.	0.3	4
53	Sentiment Analysis of Turkish Twitter Data Using Polarity Lexicon and Artificial Intelligence. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 113-125.	0.2	4
54	Energy Coherent Fog Networks Using Multi-Sink Wireless Sensor Networks. IEEE Access, 2021, 9, 167715-167735.	2.6	4

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55	Scrambling code planning and optimization for UMTS system. , 2014, , .		3
56	Multiobjective clustering algorithm for complex data in learning management systems. Complex Adaptive Systems Modeling, 2020, 8, .	1.6	3
57	Preperitoneal versus Lichtenstein tension-free hernioplasty for the treatment of bilateral inguinal hernia. The Egyptian Journal of Surgery, 2015, 34, 79.	0.3	3
58	Burst Channel Error Reduction Based on Interleaving for Efficient High-Speed Wireless Communication. Applied Sciences (Switzerland), 2022, 12, 3500.	1.3	3
59	Structured and real time heterogeneous sensor deployment in preferential areas. , 2009, , .		2
60	Data mining in multi-feature sensor networks. , 2009, , .		2
61	Residual Energy Considerations for AODV Enhancement. , 2014, , .		2
62	A Novel Multi-Threshold Energy (MTE) Technique for Wireless Sensor Networks. Procedia Computer Science, 2015, 65, 25-34.	1.2	2
63	Swarm intelligence based reliable and energy balance routing algorithm for wireless sensor network. Facta Universitatis - Series Electronics and Energetics, 2016, 29, 339-355.	0.6	2
64	Postmastectomy seroma: how much is it affected by serum levels of IL-6 and CRP and how much is it reduced by intravenous hydrocortisone injection?. The Egyptian Journal of Surgery, 2015, 34, 17.	0.3	2
65	Efficient Mixed Mode Summary for Mobile Networks. International Journal of Wireless and Mobile Networks, 2013, 5, 105-117.	0.1	2
66	Fuzzy brain storming optimisation algorithm. International Journal of Intelligent Engineering Informatics, 2017, 5, 67.	0.1	2
67	Energy Efficient Framework for Fog Network Based on Multisink Wireless Sensor Networks. , 2020, , .		2
68	Improved Hille Oscillation Criteria for Nonlinear Functional Dynamic Equations of Third-Order. Mathematics, 2022, 10, 1078.	1.1	2
69	On the Optimal Deployment of Heterogeneous Sensing Devices. , 2006, , .		1
70	Secure clustering based SEP using Virtual ECC Group Key for Wireless Sensor Networks. , 2012, , .		1
71	Smart secure HEED for WSN. International Journal of Sensor Networks, 2014, 16, 48.	0.2	1
72	Espresso for Rule Mining. Procedia Computer Science, 2014, 32, 596-603.	1.2	1

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73	Novel Scheme of Fuzzy based Concealing Sink Node with Fake Holes (F-CSH). <i>Procedia Computer Science</i> , 2014, 32, 1174-1179.	1.2	1
74	Efficient REBTA data reporting algorithm for object tracking in wireless sensor networks. <i>International Journal of Communication Systems</i> , 2018, 31, e3528.	1.6	1
75	BCLO”Brainstorming and Collaborative Learning Optimization Algorithms. <i>Studies in Computational Intelligence</i> , 2019, , 393-412.	0.7	1
76	Nonlinear acoustic noise cancellation based automatic speech recognition system (NANC-ASR) with convolutional neural networks. <i>International Journal of Speech Technology</i> , 0, , 1.	1.4	1
77	Towards Smart Egypt “ The Role of Large Scale WSNs. <i>Communications in Computer and Information Science</i> , 2012, , 203-212.	0.4	1
78	FUZZY-BASED CLUSTERING AND DATA AGGREGATION FOR MULTIMODAL WSN (C-DAMM). <i>International Journal of Robotics and Automation</i> , 2014, 29, .	0.1	1
79	VEGK: SECURE CLUSTERING FOR EFFICIENT OPERATION IN WSNs. <i>Communications and Computer Security</i> , 2013, 3, .	0.0	1
80	Social Accessibility: Issues , Standards , and Tools. , 2016, , .		1
81	Surgical site infections after breast surgery: Alexandria medical research institute hospital experience. <i>The Egyptian Journal of Surgery</i> , 2014, 33, 219.	0.3	1
82	CAM. <i>International Journal of System Dynamics Applications</i> , 2013, 2, 47-67.	0.3	1
83	Radiation Source Localization based Genetic and Fuzzy Agents using Robotics Wireless Sensor Networks. <i>International Journal of Computer Applications</i> , 2014, 100, 37-45.	0.2	1
84	Sutureless thyroidectomy for controlled toxic goiter: a single-institute experience. <i>The Egyptian Journal of Surgery</i> , 2017, 36, 62.	0.3	1
85	Classification of EEG Signals for Motor Imagery Based on Mutual Information and Adaptive Neuro Fuzzy Inference System. , 2017, , 347-366.		1
86	Wireless Sensor Networks Relay Node Deployment for Oil Tanks Monitoring. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 203-215.	0.5	1
87	Immunity of Lightweight DES Algorithm (DESL) Against Linear Cryptanalysis Attack. <i>Menoufia Journal of Electronic Engineering Research</i> , 2019, 28, 381-387.	0.3	1
88	The Internet of Things for Crowd Panic Detection. <i>International Journal of Advanced Computer Science and Applications</i> , 2020, 11, .	0.5	1
89	SIoT: Secure IoT Framework for Smart Environments. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 51-61.	0.2	1
90	Egypt Chapter Report [Family Corner. <i>IEEE Computational Intelligence Magazine</i> , 2009, 4, 13-16.	3.4	0

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91	Odor Recognition and Localization Using Sensor Networks. , 0, , .		0
92	A Comparative Study of Localization Algorithms in WSNs. Communications in Computer and Information Science, 2012, , 339-350.	0.4	0
93	Radiation detection based heterogeneous Wireless Sensor Network. , 2012, , .		0
94	A novel fuzzy HEED security using VEGK for wireless sensor networks. , 2012, , .		0
95	A smart agent to trade and predict foreign exchange market. , 2013, , .		0
96	Short paper: MPOT: 3D Mote Placement Optimization algorithms for WSNs. , 2014, , .		0
97	Short paper: MPOT: 3D Mote placement optimization tool for wireless sensor networks. , 2014, , .		0
98	How much is the axillary nodal status in breast cancer affected by neoadjuvant chemotherapy? An Alexandria medical research institute hospital experience. The Egyptian Journal of Surgery, 2015, 34, 94.	0.3	0
99	Intelligent cloud computing. Memetic Computing, 2016, 8, 253-254.	2.7	0
100	EEG Signals of Motor Imagery Classification Using Adaptive Neuro-Fuzzy Inference System. Advances in Intelligent Systems and Computing, 2016, , 105-116.	0.5	0
101	Multi-Object Tracking in Wireless Sensor Networks Using Swarm Intelligence. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 293-313.	0.5	0
102	Impact of Heterogeneity on the Deployment of Sensor Networks. , 2007, , .		0
103	OFDM FOR WSNS USING CONTINUOUS PHASE MODULATION WITH FRS INTERLEAVER. Communications, 2014, 3, .	0.5	0
104	Localization of random mobile vehicles. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
105	Smart outlier detection of wireless sensor network. , 2016, , .		0
106	Light Fidelity (Li-Fi): Is it Possible to Replace Wi-Fi?. , 2016, , .		0
107	Swarm Intelligence Based Reliable and Energy Balance Routing Algorithm for Wireless Sensor Network. , 2016, , .		0
108	EEG signals classifications of motor imagery using adaptive neuro-fuzzy inference system and interval type-2 fuzzy system. International Journal of Intelligent Systems Technologies and Applications, 2017, 16, 106.	0.2	0

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109	Towards distributed layered intrusion detection system for large scale wireless sensor networks. International Journal of Intelligent Engineering Informatics, 2017, 5, 1.	0.1	0
110	Management of Radiotherapy-induced-local Surgical Complications after surgery for Breast Cancer; A Single Institute Experience. Journal of Cancer Research and Treatment, 2017, 5, 28-34.	0.6	0
111	A priority multi-channel coordination MAC protocol in roadside unit-assisted vehicular networks. International Journal of Network Science, 2019, 1, 283.	0.2	0
112	Bio-inspired Think-and-Share Optimization for Big Data Provenance in Wireless Sensor Networks. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	0
113	Hierarchal Fuzzy Logic Controller and Internet of Things (IoT) Information. , 2020, , 1042-1068.		0
114	Security in Mission Critical Communication Systems. , 2020, , 125-147.		0
115	Performance Investigation of a Proposed Flipped npn Microstructure Silicon Solar Cell Using TCAD Simulation. Crystals, 2022, 12, 959.	1.0	0