

Rabie A Ramadan

List of Publications by Year in descending order

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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	Utilising Acknowledge for the Trust in Wireless Sensor Networks. Applied Sciences (Switzerland), 2022, 12, 2045.	1.3	7
2	Burst Channel Error Reduction Based on Interleaving for Efficient High-Speed Wireless Communication. Applied Sciences (Switzerland), 2022, 12, 3500.	1.3	3
3	Improved Hille Oscillation Criteria for Nonlinear Functional Dynamic Equations of Third-Order. Mathematics, 2022, 10, 1078.	1.1	2
4	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
5	Performance Investigation of a Proposed Flipped npn Microstructure Silicon Solar Cell Using TCAD Simulation. Crystals, 2022, 12, 959.	1.0	0
6	Handling Imbalance Classification Virtual Screening Big Data Using Machine Learning Algorithms. Complexity, 2021, 2021, 1-15.	0.9	10
7	LBC-IoT: Lightweight Block Cipher for IoT Constraint Devices. Computers, Materials and Continua, 2021, 67, 3563-3579.	1.5	8
8	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
9	Performance Optimization of the InGaP/GaAs Dual-Junction Solar Cell Using SILVACO TCAD. International Journal of Photoenergy, 2021, 2021, 1-12.	1.4	8
10	Cybersecurity and Countermeasures at the Time of Pandemic. Journal of Advanced Transportation, 2021, 2021, 1-19.	0.9	25
11	A Comparative Study of Image Descriptors in Recognizing Human Faces Supported by Distributed Platforms. Electronics (Switzerland), 2021, 10, 915.	1.8	4
12	Deep Sentiment Analysis: A Case Study on Stemmed Turkish Twitter Data. IEEE Access, 2021, 9, 56836-56854.	2.6	15
13	Internet of Drones Intrusion Detection Using Deep Learning. Electronics (Switzerland), 2021, 10, 2633.	1.8	37
14	Efficient Node Deployment of Large-Scale Heterogeneous Wireless Sensor Networks. Applied Sciences (Switzerland), 2021, 11, 10924.	1.3	12
15	Energy Coherent Fog Networks Using Multi-Sink Wireless Sensor Networks. IEEE Access, 2021, 9, 167715-167735.	2.6	4
16	E3AF: Energy Efficient Environment-Aware Fusion Based Reliable Routing in Wireless Sensor Networks. IEEE Access, 2020, 8, 112145-112159.	2.6	24
17	Physically Based Analytical Model of Heavily Doped Silicon Wafers Based Proposed Solar Cell Microstructure. IEEE Access, 2020, 8, 138898-138906.	2.6	31
18	Efficient Intrusion Detection Algorithms for Smart Cities-Based Wireless Sensing Technologies. Journal of Sensor and Actuator Networks, 2020, 9, 39.	2.3	17

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19	Distributed Mutual Exclusion Algorithms for Intersection Traffic Problems. IEEE Access, 2020, 8, 138277-138296.	2.6	14
20	SLIM: A Lightweight Block Cipher for Internet of Health Things. IEEE Access, 2020, 8, 203747-203757.	2.6	47
21	Real-Time Energy-Efficient Reliable Traffic Aware Routing for Industrial Wireless Sensor Networks. IEEE Access, 2020, 8, 58130-58145.	2.6	21
22	Multiobjective clustering algorithm for complex data in learning management systems. Complex Adaptive Systems Modeling, 2020, 8, .	1.6	3
23	The Internet of Things for Crowd Panic Detection. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	1
24	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
25	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
26	Hierarchal Fuzzy Logic Controller and Internet of Things (IoT) Information. , 2020, , 1042-1068.		0
27	Security in Mission Critical Communication Systems. , 2020, , 125-147.		0
28	SlIoT: Secure IoT Framework for Smart Environments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 51-61.	0.2	1
29	Energy Efficient Framework for Fog Network Based on Multisink Wireless Sensor Networks. , 2020, , .		2
30	BCLOâ€”Brainstorming and Collaborative Learning Optimization Algorithms. Studies in Computational Intelligence, 2019, , 393-412.	0.7	1
31	A priority multi-channel coordination MAC protocol in roadside unit-assisted vehicular networks. International Journal of Network Science, 2019, 1, 283.	0.2	0
32	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
33	LCA- Lightweight Cryptographic Algorithm for IoT Constraint Resources. Menoufia Journal of Electronic Engineering Research, 2019, 28, 374-380.	0.3	4
34	Immunity of Lightweight DES Algorithm (DESL) Against Linear Cryptanalysis Attack. Menoufia Journal of Electronic Engineering Research, 2019, 28, 381-387.	0.3	1
35	Efficient REBTA data reporting algorithm for object tracking in wireless sensor networks. International Journal of Communication Systems, 2018, 31, e3528.	1.6	1
36	A Fuzzy Approach of Sensitivity for Multiple Colonies on Ant Colony Optimization. Advances in Intelligent Systems and Computing, 2018, , 87-95.	0.5	21

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37	Sensor Networks Attacks Classifications and Mitigation. Annals of Emerging Technologies in Computing, 2018, 2, 28-43.	1.0	13
38	Wireless Sensor Networks Relay Node Deployment for Oil Tanks Monitoring. Advances in Intelligent Systems and Computing, 2018, , 203-215.	0.5	1
39	IoT Data Provenance Implementation Challenges. Procedia Computer Science, 2017, 109, 1134-1139.	1.2	43
40	Brain computer interface: control signals review. Neurocomputing, 2017, 223, 26-44.	3.5	374
41	Hierarchal Fuzzy Logic Controller and Internet of Things (IoT) Information. International Journal of System Dynamics Applications, 2017, 6, 59-86.	0.3	10
42	Big Data Tools-An Overview. International Journal of Computer & Software Engineering, 2017, 2, .	0.4	9
43	Security in Mission Critical Communication Systems. Advances in Wireless Technologies and Telecommunication Book Series, 2017, , 270-291.	0.3	4
44	Sutureless thyroidectomy for controlled toxic goiter: a single-institute experience. The Egyptian Journal of Surgery, 2017, 36, 62.	0.3	1
45	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
46	Fuzzy brain storming optimisation algorithm. International Journal of Intelligent Engineering Informatics, 2017, 5, 67.	0.1	2
47	Towards distributed layered intrusion detection system for large scale wireless sensor networks. International Journal of Intelligent Engineering Informatics, 2017, 5, 1.	0.1	0
48	Efficient Data Reporting in a Multi-Object Tracking Using WSNs. International Journal of System Dynamics Applications, 2017, 6, 38-57.	0.3	6
49	Classification of EEG Signals for Motor Imagery Based on Mutual Information and Adaptive Neuro Fuzzy Inference System. , 2017, , 347-366.		1
50	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
51	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
52	Towards internet of things modeling: a gateway approach. Complex Adaptive Systems Modeling, 2016, 4, .	1.6	20
53	Intelligent cloud computing. Memetic Computing, 2016, 8, 253-254.	2.7	0
54	EEG Signals of Motor Imagery Classification Using Adaptive Neuro-Fuzzy Inference System. Advances in Intelligent Systems and Computing, 2016, , 105-116.	0.5	0

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55	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
56	Smart outlier detection of wireless sensor network. Facta Universitatis - Series Electronics and Energetics, 2016, 29, 383-393.	0.6	8
57	Social Accessibility: Issues , Standards , and Tools. , 2016, , .		1
58	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
59	Smart outlier detection of wireless sensor network. , 2016, , .		0
60	Light Fidelity (Li-Fi): Is it Possible to Replace Wi-Fi?. , 2016, , .		0
61	Swarm Intelligence Based Reliable and Energy Balance Routing Algorithm for Wireless Sensor Network. , 2016, , .		0
62	Fuzzy-based centroid localisation in WSNs. International Journal of Intelligent Engineering Informatics, 2015, 3, 293.	0.1	4
63	Distributed Intrusion Detection System for Wireless Sensor Networks. , 2015, , .		6
64	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
65	WSN in Monitoring Oil Pipelines Using ACO and GA. Procedia Computer Science, 2015, 52, 1198-1205.	1.2	17
66	A Novel Multi-Threshold Energy (MTE) Technique for Wireless Sensor Networks. Procedia Computer Science, 2015, 65, 25-34.	1.2	2
67	Basics of Brain Computer Interface. Intelligent Systems Reference Library, 2015, , 31-50.	1.0	40
68	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
69	Preperitoneal versus Lichtenstein tension-free hernioplasty for the treatment of bilateral inguinal hernia. The Egyptian Journal of Surgery, 2015, 34, 79.	0.3	3
70	Smart secure HEED for WSN. International Journal of Sensor Networks, 2014, 16, 48.	0.2	1
71	Residual Energy Considerations for AODV Enhancement. , 2014, , .		2
72	Scrambling code planning and optimization for UMTS system. , 2014, , .		3

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73	Short paper: MPOT: 3D Mote Placement Optimization algorithms for WSNs. , 2014, , .		0
74	Short paper: MPOT: 3D Mote placement optimization tool for wireless sensor networks. , 2014, , .		0
75	Finding the Best Sink Location in WSNs with Reliability Route Analysis. Procedia Computer Science, 2014, 32, 1160-1167.	1.2	8
76	Modified Gur Game for WSNs QoS control. Procedia Computer Science, 2014, 32, 1168-1173.	1.2	8
77	Espresso for Rule Mining. Procedia Computer Science, 2014, 32, 596-603.	1.2	1
78	Novel Scheme of Fuzzy based Concealing Sink Node with Fake Holes (F-CSH). Procedia Computer Science, 2014, 32, 1174-1179.	1.2	1
79	FUZZY-BASED CLUSTERING AND DATA AGGREGATION FOR MULTIMODAL WSN (C-DAMM). International Journal of Robotics and Automation, 2014, 29, .	0.1	1
80	Surgical site infections after breast surgery: Alexandria medical research institute hospital experience. The Egyptian Journal of Surgery, 2014, 33, 219.	0.3	1
81	OFDM FOR WSNs USING CONTINUOUS PHASE MODULATION WITH FRS INTERLEAVER. Communications, 2014, 3, .	0.5	0
82	Localization of random mobile vehicles. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
83	Radiation Source Localization based Genetic and Fuzzy Agents using Robotics Wireless Sensor Networks. International Journal of Computer Applications, 2014, 100, 37-45.	0.2	1
84	VEGK: Virtual ECC group key for wireless sensor networks. , 2013, , .		5
85	A smart agent to trade and predict foreign exchange market. , 2013, , .		0
86	Smart Environmental Monitoring Using Wireless Sensor Networks. , 2013, , 731-754.		19
87	VEGK: SECURE CLUSTERING FOR EFFICIENT OPERATION IN WSNs. Communications and Computer Security, 2013, 3, .	0.0	1
88	Efficient Mixed Mode Summary for Mobile Networks. International Journal of Wireless and Mobile Networks, 2013, 5, 105-117.	0.1	2
89	CAM. International Journal of System Dynamics Applications, 2013, 2, 47-67.	0.3	1
90	A Comparative Study of Localization Algorithms in WSNs. Communications in Computer and Information Science, 2012, , 339-350.	0.4	0

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91	Secure clustering based SEP using Virtual ECC Group Key for Wireless Sensor Networks. , 2012, , .		1
92	Smart Clustering for Multimodal WSNs. , 2012, , .		8
93	Energy saving and reliable data reduction techniques for single and multi-modal WSNs. , 2012, , .		4
94	Radiation detection based heterogeneous Wireless Sensor Network. , 2012, , .		0
95	A novel fuzzy HEED security using VEKG for wireless sensor networks. , 2012, , .		0
96	Towards Smart Egypt â€œ The Role of Large Scale WSNs. Communications in Computer and Information Science, 2012, , 203-212.	0.4	1
97	Effect of narrowband ultraviolet B phototherapy on serum folic acid levels in patients with psoriasis. Lasers in Medical Science, 2011, 26, 481-485.	1.0	51
98	Hybrid Intelligent Intrusion Detection Scheme. Advances in Intelligent and Soft Computing, 2011, , 293-303.	0.2	129
99	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
100	Efficient deployment of connected sensing devices using circle packing algorithms. , 2010, , .		4
101	Efficient deployment algorithms for mobile sensor networks. , 2010, , .		20
102	A fuzzy based hierarchical coordination and control system for a robotic agent team in the robot Hockey competition. , 2010, , .		7
103	The Intelligent Classroom: Towards an Educational Ambient Intelligence Testbed. , 2010, , .		13
104	Structured and real time heterogeneous sensor deployment in preferential areas. , 2009, , .		2
105	Egypt Chapter Report [Family Corner. IEEE Computational Intelligence Magazine, 2009, 4, 13-16.	3.4	0
106	Agent Based Multipath Routing in wireless sensor networks. , 2009, , .		17
107	Leveraging RFID technology for intelligent classroom. , 2009, , .		7
108	Data mining in multi-feature sensor networks. , 2009, , .		2

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109	Optimal and Approximate Approaches for Deployment of Heterogeneous Sensing Devices. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	1.5	13
110	Stepwise charge transfer complexation of some pyrimidines with I ₃ ⁻ -acceptor iodine involving a new unconventional acceptor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 605-611.	2.0	19
111	Impact of Heterogeneity on the Deployment of Sensor Networks. , 2007, , .		0
112	On the Optimal Deployment of Heterogeneous Sensing Devices. , 2006, , .		1
113	SensDep: A Design Tool for the Deployment of Heterogeneous Sensing Devices. , 0, , .		6
114	Odor Recognition and Localization Using Sensor Networks. , 0, , .		0
115	Nonlinear acoustic noise cancellation based automatic speech recognition system (NANC-ASR) with convolutional neural networks. International Journal of Speech Technology, 0, , 1.	1.4	1