Siti Zaiton Mohd Hashim

List of Publications by Year
in descending order

40 papers	1,595 citations	686830 13 h-index	676716 22 g-index
40 all docs	40 docs citations	40 times ranked	1627 citing authors

#	Article	IF	Citations
1	Siamese convolutional neural network and fusion of the best overlapping blocks for kinship verification. Multimedia Tools and Applications, 2022, 81, 39311-39342.	2.6	2
2	Multi-user Shared Access (MUSA) procedure for device discovery in D2D communication. Telecommunication Systems, 2021, 76, 291-297.	1.6	4
3	Signaling Overhead Reduction Techniques in Device-to-Device Communications: Paradigm for 5G and Beyond. IEEE Access, 2021, 9, 11037-11050.	2.6	8
4	A Fusion Schema of Hand-Crafted Feature and Feature Learning for Kinship Verification. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 1050-1063.	0.5	1
5	Performance Analysis of Device Discovery Algorithms for D2D Communication. Arabian Journal for Science and Engineering, 2020, 45, 1457-1471.	1.7	6
6	Full Duplex DD for In-Band D2D Communication. Wireless Personal Communications, 2020, 115, 679-694.	1.8	2
7	Bat echolocation-based algorithm for device discovery in D2D communication. SN Applied Sciences, 2020, 2, 1.	1.5	0
8	A Survey on Security and Privacy Challenges in Device Discovery for Next-Generation Systems. IEEE Access, 2020, 8, 84584-84603.	2.6	13
9	Energy-Efficient Mobile-Sink Sojourn Location Optimization Scheme for Consumer Home Networks. IEEE Access, 2019, 7, 112079-112086.	2.6	12
10	Device Discovery in D2D Communication: A Survey. IEEE Access, 2019, 7, 131114-131134.	2.6	39
11	Energy-Efficient Intra-Cluster Routing Algorithm to Enhance the Coverage Time of Wireless Sensor Networks. IEEE Sensors Journal, 2019, 19, 4501-4508.	2.4	22
12	An Evolutionary Algorithm for Community Detection Using an Improved Mutation Operator. , 2019, , .		0
13	Inter- and intra-cluster movement of mobile sink algorithms for cluster-based networks to enhance the network lifetime. Ad Hoc Networks, 2019, 85, 60-70.	3.4	56
14	Collaborative Mobile Sink Sojourn Time Optimization Scheme for Cluster-Based Wireless Sensor Networks. IEEE Sensors Journal, 2018, 18, 6669-6676.	2.4	39
15	Automated kinship verification and identification through human facial images: a survey. Multimedia Tools and Applications, 2017, 76, 265-307.	2.6	25
16	An improved hybrid of particle swarm optimization and the gravitational search algorithm to produce a kinetic parameter estimation of aspartate biochemical pathways. BioSystems, 2017, 162, 81-89.	0.9	11
17	An Energy-Efficient Mobile Sink-Based Unequal Clustering Mechanism for WSNs. Sensors, 2017, 17, 1858.	2.1	23
18	Neural network based switch beam smart antenna. , 2014, , .		4

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19	Estimation of optimal machining control parameters using artificial bee colony. Journal of Intelligent Manufacturing, 2014, 25, 1463-1472.	4.4	57
20	A PSO-based model to increase the accuracy of software development effort estimation. Software Quality Journal, 2013, 21, 501-526.	1.4	65
21	Hybrid PCA-ILGC clustering approach for high dimensional data. , 2012, , .		1
22	Training feedforward neural networks using hybrid particle swarm optimization and gravitational search algorithm. Applied Mathematics and Computation, 2012, 218, 11125-11137.	1.4	431
23	The emerging field of synthetic biology: A review. , 2012, , .		2
24	Evolutionary techniques in optimizing machining parameters: Review and recent applications (2007â€"2011). Expert Systems With Applications, 2012, 39, 9909-9927.	4.4	207
25	Artificial neural networks as multi-networks automated test oracle. Automated Software Engineering, 2012, 19, 303-334.	2.2	37
26	Route guidance system using multi-agent reinforcement learning. , 2011, , .		8
27	Bacterial Foraging Optimization Algorithm for neural network learning enhancement. , 2011, , .		16
28	An automated framework for software test oracle. Information and Software Technology, 2011, 53, 774-788.	3.0	43
29	An improved local best searching in Particle Swarm Optimization using Differential Evolution. , 2011, , .		8
30	GridMACS Portal: A Grid Web Portal for Molecular Dynamics Simulation Using GROMACS. , 2010, , .		6
31	A new hybrid PSOGSA algorithm for function optimization. , 2010, , .		397
32	Time-scale domain characterization of nonstationary wideband vehicle-to-vehicle propagation channel. , 2010, , .		7
33	Forecasting Small Data Set Using Hybrid Cooperative Feature Selection. , 2010, , .		5
34	An active uplink photonic antenna. , 2010, , .		2
35	Motion planning in unknown environment using an interval fuzzy type-2 and neural network classifier. , 2009, , .		0
36	A Metrics Suite for Measuring Reusability of Learning Objects. , 2009, , .		1

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37	Graph Partitioning Method for Functional Module Detections of Protein Interaction Network. , 2009, , .		9
38	Intelligent Clustering with PCA and Unsupervised Learning Algorithm in Intrusion Alert Correlation. , 2009, , .		4
39	Multi Readers Detection in Adaptive RFID Middleware. , 2008, , .		4
40	A model for gene selection and classification of gene expression data. Artificial Life and Robotics, 2007, 11, 219-222.	0.7	18