

Ataollah Ebrahimzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

764
citations

759233

12
h-index

526287

27
g-index

42
all docs

42
docs citations

42
times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Sensing Nodes and Decision Node Selection Method for Energy Efficiency of Cooperative Spectrum Sensing in Cognitive Sensor Networks. IEEE Sensors Journal, 2013, 13, 1610-1621.	4.7	126
2	Sensor Selection and Optimal Energy Detection Threshold for Efficient Cooperative Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2015, 64, 1565-1577.	6.3	107
3	Improved Fruit-Fly Optimization Algorithm and Its Applications in Antenna Arrays Synthesis. IEEE Transactions on Antennas and Propagation, 2018, 66, 1756-1766.	5.1	103
4	Detection of premature ventricular contractions using MLP neural networks: A comparative study. Measurement: Journal of the International Measurement Confederation, 2010, 43, 103-112.	5.0	58
5	Control chart pattern recognition using K-MICA clustering and neural networks. ISA Transactions, 2012, 51, 111-119.	5.7	52
6	Adaptive Relay Selection and Power Allocation for OFDM Cooperative Underwater Acoustic Systems. IEEE Transactions on Mobile Computing, 2018, 17, 1-15.	5.8	47
7	Lifetime Maximization in Cognitive Sensor Networks Based on the Node Selection. IEEE Sensors Journal, 2014, 14, 2376-2383.	4.7	42
8	Sensor Selection for Cooperative Spectrum Sensing in Multiantenna Sensor Networks Based on Convex Optimization and Genetic Algorithm. IEEE Sensors Journal, 2016, 16, 3486-3487.	4.7	30
9	Closed-Form Analytical Equations for Amplitude and Frequency of High-Frequency CMOS Ring Oscillators. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 2669-2677.	5.4	28
10	A Time-Reversal Imaging System for Breast Screening: Theory and Initial Phantom Results. IEEE Transactions on Biomedical Engineering, 2018, 65, 2542-2551.	4.2	24
11	New Neural Network-based Approaches for GPS GDOP Classification based on Neuro-Fuzzy Inference System, Radial Basis Function, and Improved Bee Algorithm. Applied Soft Computing Journal, 2014, 25, 285-292.	7.2	18
12	Brain tissue segmentation using an unsupervised clustering technique based on PSO algorithm. , 2010, , .		13
13	Reliability model of the power transformer with ONAF cooling. International Journal of Electrical Power and Energy Systems, 2011, 35, 97-97.	5.5	12
14	Sensor selection for extending lifetime of multi-channel cooperative sensing in cognitive sensor networks. Physical Communication, 2018, 26, 96-105.	2.1	12
15	Energy efficient cooperative spectrum sensing in wireless multi-antenna sensor network. Wireless Networks, 2017, 23, 567-578.	3.0	9
16	Statistical Analysis of Lifetime in Wireless Cognitive Sensor Network for Multi-Channel Cooperative Spectrum Sensing. IEEE Sensors Journal, 2021, 21, 2412-2421.	4.7	9
17	Game-theory-based lifetime maximization of multi-channel cooperative spectrum sensing in wireless sensor networks. Wireless Networks, 2020, 26, 4705-4721.	3.0	9
18	Heart Arrhythmia Detection using support vector machines. Intelligent Automation and Soft Computing, 2013, 19, 1-9.	2.1	7

#	ARTICLE	IF	CITATIONS
19	Optimal steganography with blind detection based on Bayesian optimization algorithm. Pattern Analysis and Applications, 2019, 22, 205-219.	4.6	6
20	Higher order statistics for automated classification of ECG beats. , 2011, , .		5
21	A New Signal Type Classifier for Fading Environments. Journal of Computing and Information Technology, 2007, 15, 257.	0.3	5
22	Automatic modulation recognition using RBFNN and efficient features in fading channels. , 2009, , .		4
23	Energy-efficient cooperative spectrum sensing using two hard decision rules. , 2016, , .		4
24	Efficient cooperative multicarrier underwater acoustic communication over the Persian Gulf channel. Wireless Networks, 2018, 24, 1265-1278.	3.0	4
25	Energy-efficient sensor selection for multi-channel cooperative spectrum sensing based on game theory. Journal of Ambient Intelligence and Humanized Computing, 2020, 12, 9363.	4.9	4
26	Digital Signal Types Identification Using a Hierarchical SVM-Based Classifier and Efficient Features. , 2007, , .		3
27	Evaluation of Performance of Genetic Algorithm for Speech Signals Separation. , 2009, , .		3
28	Design and analysis of a multiband Sierpinski type monopole fractal antenna. , 2013, , .		3
29	Automatic classification of Alzheimer's disease with resting-state fMRI and graph theory. , 2014, , .		3
30	Throughput Improvement in Energy-Efficient Cooperative Spectrum Sensing Based on Sensor Selection. Wireless Personal Communications, 2015, 85, 2099-2114.	2.7	3
31	Recognition of control chart patterns using swarm intelligence and neural networks based on the statistical and shape features. IEEJ Transactions on Electrical and Electronic Engineering, 2011, 6, 80-85.	1.4	2
32	A fuzzy Q-learning approach to navigation of an autonomous robot. , 2012, , .		2
33	A comparative study of bees colony algorithm for blind source separation. , 2012, , .		2
34	A novel method using GA-based Clustering and spectral features for modulation classification. , 2011, , .		1
35	Determination of the best carrier frequency based on the system and environmental parameters in underwater acoustic systems. Physical Communication, 2017, 24, 131-145.	2.1	1
36	Blind Digital Modulation Identification Using an Efficient Method-of-Moments Estimator. Wireless Personal Communications, 2021, 116, 301-310.	2.7	1

#	ARTICLE	IF	CITATIONS
37	Fusion Rules Effects on Lifetime Maximization of Multi-channel Cooperative Spectrum Sensing. <i>Wireless Personal Communications</i> , 2021, 119, 2197-2225.	2.7	1
38	ECG Compression using the Three-Level Quantization and Wavelet Transform. <i>International Journal of Computer Applications</i> , 2012, 59, 28-38.	0.2	1
39	A NEW TECHNIQUE FOR CLASSIFICATION OF DIGITAL SIGNAL TYPES. <i>Journal of Circuits, Systems and Computers</i> , 2008, 17, 957-971.	1.5	0
40	Using the optimized radial basis function neural network and instantaneous features for ARCS. , 2011, , .		0
41	Optimal Beamforming Using Clustered Evolutionary Teaching and Learning. , 2020, , .		0