Ataollah Ebrahimzadeh

List of Publications by Year
in descending order

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	Blind Digital Modulation Identification Using an Efficient Method-of-Moments Estimator. Wireless Personal Communications, 2021, 116, 301-310.	2.7	1
2	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
3	Fusion Rules Effects on Lifetime Maximization of Multi-channel Cooperative Spectrum Sensing. Wireless Personal Communications, 2021, 119, 2197-2225.	2.7	1
4	Optimal Beamforming Using Clustered Evolutionary Teaching and Learning. , 2020, , .		0
5	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
6	Game-theory-based lifetime maximization of multi-channel cooperative spectrum sensing in wireless sensor networks. Wireless Networks, 2020, 26, 4705-4721.	3.0	9
7	Optimal steganography with blind detection based on Bayesian optimization algorithm. Pattern Analysis and Applications, 2019, 22, 205-219.	4.6	6
8	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
9	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
10	Efficient cooperative multicarrier underwater acoustic communication over the Persian Gulf channel. Wireless Networks, 2018, 24, 1265-1278.	3.0	4
11	Adaptive Relay Selection and Power Allocation for OFDM Cooperative Underwater Acoustic Systems. IEEE Transactions on Mobile Computing, 2018, 17, 1-15.	5.8	47
12	Sensor selection for extending lifetime of multi-channel cooperative sensing in cognitive sensor networks. Physical Communication, 2018, 26, 96-105.	2.1	12
13	Energy efficient cooperative spectrum sensing in wireless multi-antenna sensor network. Wireless Networks, 2017, 23, 567-578.	3.0	9
14	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
15	Energy-efficient cooperative spectrum sensing using two hard decision rules. , 2016, , .		4
16	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
17	Throughput Improvement in Energy-Efficient Cooperative Spectrum Sensing Based on Sensor Selection. Wireless Personal Communications, 2015, 85, 2099-2114.	2.7	3
18	Sensor Selection and Optimal Energy Detection Threshold for Efficient Cooperative Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2015, 64, 1565-1577.	6.3	107

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19	Automatic classification of Alzheimer's disease with resting-state fMRI and graph theory. , 2014, , .		3
20	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
21	Lifetime Maximization in Cognitive Sensor Networks Based on the Node Selection. IEEE Sensors Journal, 2014, 14, 2376-2383.	4.7	42
22	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
23	Design and analysis of a multiband Sierpinski type monopole fractal antenna. , 2013, , .		3
24	Heart Arrhythmia Detection using support vector machines. Intelligent Automation and Soft Computing, 2013, 19, 1-9.	2.1	7
25	A fuzzy Q-learning approach to navigation of an autonomous robot. , 2012, , .		2
26	A comparative study of bees colony algorithm for blind source separation. , 2012, , .		2
27	Control chart pattern recognition using K-MICA clustering and neural networks. ISA Transactions, 2012, 51, 111-119.	5.7	52
28	ECG Compression using the Three-Level Quantization and Wavelet Transform. International Journal of Computer Applications, 2012, 59, 28-38.	0.2	1
29	Higher order statistics for automated classification of ECG beats. , 2011, , .		5
30	A novel method using GA-based Clustering and spectral features for modulation classification. , 2011, , .		1
31	Reliability model of the power transformer with ONAF cooling. International Journal of Electrical Power and Energy Systems, 2011, 35, 97-97.	5.5	12
32	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
33	Using the optimized radial basis function neural network and instantanous features for ARCS. , 2011, , .		0
34	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
35	Brain tissue segmentation using an unsupervised clustering technique based on PSO algorithm. , 2010, , .		13
36	Evaluation of Performance of Genetic Algorithm for Speech Signals Separation. , 2009, , .		3

#	Article	IF	Citations
37	Automatic modulation recognition using RBFNN and efficient features in fading channels. , 2009, , .		4
38	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
39	A NEW TECHNIQUE FOR CLASSIFICATION OF DIGITAL SIGNAL TYPES. Journal of Circuits, Systems and Computers, 2008, 17, 957-971.	1.5	0
40	Digital Signal Types Identification Using a Hierarchical SVM-Based Classifier and Efficient Features. , 2007, , .		3
41	A New Signal Type Classifier for Fading Environments. Journal of Computing and Information Technology, 2007, 15, 257.	0.3	5