Mahdi Khosravy

List of Publications by Year
in descending order

41 papers	959 citations	18 h-index (430874)
28 g-index (501196)		
44 all docs	44 docs citations	44 times ranked
510 citing authors		

#	Article	IF	Citations
1	Comprehensive Overview of Low Voltage Ride Through Methods of Grid Integrated Wind Generator. IEEE Access, 2019, 7, 99299-99326.	4.2	142
2	Economic data analytic AI technique on IoT edge devices for health monitoring of agriculture machines. Applied Intelligence, 2020, 50, 3990-4016.	5.3	76
3	A Bi-Level Evolutionary Optimization for Coordinated Transmission Expansion Planning. IEEE Access, 2018, 6, 48455-48477.	4.2	60
4	Evolutionary Optimization Based on Biological Evolution in Plants. Procedia Computer Science, 2018, 126, 146-155.	2.0	45
5	Perceptual Adaptation of Image Based on Chevreul–Mach Bands Visual Phenomenon. IEEE Signal Processing Letters, 2017, 24, 594-598.	3.6	41
6	Hydraulic System Onboard Monitoring and Fault Diagnostic in Agricultural Machine. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	34
7	A theoretical discussion on the foundation of Stone's blind source separation. Signal, Image and Video Processing, 2011, 5, 379-388.	2.7	32
8	New crossover operators for real coded genetic algorithm (RCGA). , 2015, , .		32
9	In-field failure assessment of tractor hydraulic system operation via pseudospectrum of acoustic measurements. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 2718-2729.	1.4	31
10	Incremental Conductance Based Particle Swarm Optimization Algorithm for Global Maximum Power Tracking of Solar-PV under Nonuniform Operating Conditions. Applied Sciences (Switzerland), 2020, 10, 4575.	2.5	31
11	Recognition of Power Quality Issues Associated With Grid Integrated Solar Photovoltaic Plant in Experimental Framework. IEEE Systems Journal, 2021, 15, 3740-3748.	4.6	29
12	ESPRIT associated with filter bank for power-line harmonics, sub-harmonics and inter-harmonics parameters estimation. International Journal of Electrical Power and Energy Systems, 2020, 118, 105731.	5.5	28
13	A Hybrid Fault Recognition Algorithm Using Stockwell Transform and Wigner Distribution Function for Power System Network with Solar Energy Penetration. Energies, 2020, 13, 3519.	3.1	28
14	Particle Swarm Optimization of Morphological Filters for Electrocardiogram Baseline Drift Estimation. Springer Tracts in Nature-inspired Computing, 2020, , 1-21.	0.7	28
15	Mendelian evolutionary theory optimization algorithm. Soft Computing, 2020, 24, 14345-14390.	3.6	27
16	Lightweight Artificial Intelligence Technology for Health Diagnosis of Agriculture Vehicles: Parallel Evolving Artificial Neural Networks by Genetic Algorithm. International Journal of Parallel Programming, 2022, 50, 1-26.	1.5	27
17	Probabilistic Stone's Blind Source Separation with application to channel estimation and multi-node identification in MIMO IoT green communication and multimedia systems. Computer Communications, 2020, 157, 423-433.	5.1	25
18	Genetic Algorithm Based on Enhanced Selection and Log-Scaled Mutation Technique. Advances in Intelligent Systems and Computing, 2019, , 730-748.	0.6	21

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19	Image Quality Assessment: A Review to Full Reference Indexes. Lecture Notes in Electrical Engineering, 2019, , 279-288.	0.4	18
20	Compressive sensing in medical signal processing and imaging systems. , 2019, , 69-92.		16
21	Recovery in compressive sensing: a review. , 2020, , 25-42.		14
22	Evolutionary Artificial Neural Networks: Comparative Study on State-of-the-Art Optimizers. Springer Tracts in Nature-inspired Computing, 2020, , 302-318.	0.7	10
23	A review of deterministic sensing matrices. , 2020, , 89-110.		9
24	Smart green ocean underwater IoT network by ICA-based acoustic blind MIMO OFDM transceiver. Earth Science Informatics, 2021, 14, 1073-1081.	3.2	9
25	Deterministic compressive sensing by chirp codes: a MATLABÂ® tutorial. , 2020, , 125-144.		8
26	Neural signal compressive sensing. , 2020, , 201-221.		8
27	Blind components processing a novel approach to array signal processing: A research orientation. , 2015, , .		7
28	Compressive sensing theoretical foundations in a nutshell. , 2020, , 1-24.		7
29	Compressive sensing of electrocardiogram. , 2020, , 165-184.		7
30	Compressive sensing of electroencephalogram: a review. , 2020, , 247-268.		7
31	A PDF-Matched Modification to Stoneâ€™s Measure of Predictability for Blind Source Separation. Lecture Notes in Computer Science, 2009, , 219-228.	1.3	7
32	Deterministic compressive sensing by chirp codes: a descriptive tutorial. , 2020, , 111-124.		5
33	Tracing the Points in Search Space in Plant Biology Genetics Algorithm Optimization. Springer Tracts in Nature-inspired Computing, 2020, , 180-195.	0.7	5
34	Supraharmonic estimation by polyphase DFT filter bank. Computers and Electrical Engineering, 2021, 92, 107202.	4.8	4
35	Plant Genetics-Inspired Evolutionary Optimization: A Descriptive Tutorial. Springer Tracts in Nature-inspired Computing, 2020, , 53-77.	0.7	4
36	Artificial Neural Network Trained by Plant Genetic-Inspired Optimizer. Springer Tracts in Nature-inspired Computing, 2020, , 266-280.	0.7	4

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37	Neighborhood Base Matched Morphological Filters: Cross-fertilization with Linear Lowpass Filtering. , 2021, , .		3
38	ACO-Based Control Strategy in Interconnected Thermal Power System for Regulation of Frequency with HAE and UPFC Unit. Lecture Notes in Networks and Systems, 2021, , 59-71.	0.7	2
39	Underwater IoT Network by Blind MIMO OFDM Transceiver Based on Probabilistic Stone's Blind Source Separation. ACM Transactions on Sensor Networks, 2022, 18, 1-27.	3.6	2
40	A descriptive review to sparsity measures. , 2020, , 43-63.		1
41	Alternative Braking Method for Small Scaled-Wind Turbines Connected DC Green House with Analogical Experiment on Blade Destruction. Advances in Science, Technology and Engineering Systems, 2020, 5, 500-511.	0.5	1