

Mahdi Khosravy

List of Publications by Year in descending order

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41
papers

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citations

430874

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44
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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Smart green ocean underwater IoT network by ICA-based acoustic blind MIMO OFDM transceiver. Earth Science Informatics, 2021, 14, 1073-1081.	3.2	9
5	Supraharmonic estimation by polyphase DFT filter bank. Computers and Electrical Engineering, 2021, 92, 107202.	4.8	4
6	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
7	Neighborhood Base Matched Morphological Filters: Cross-fertilization with Linear Lowpass Filtering. , 2021, , .		3
8	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
9	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
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	Mendelian evolutionary theory optimization algorithm. Soft Computing, 2020, 24, 14345-14390.	3.6	27
12	A descriptive review to sparsity measures. , 2020, , 43-63.		1
13	Economic data analytic AI technique on IoT edge devices for health monitoring of agriculture machines. Applied Intelligence, 2020, 50, 3990-4016.	5.3	76
14	Compressive sensing theoretical foundations in a nutshell. , 2020, , 1-24.		7
15	Recovery in compressive sensing: a review. , 2020, , 25-42.		14
16	A review of deterministic sensing matrices. , 2020, , 89-110.		9
17	Deterministic compressive sensing by chirp codes: a descriptive tutorial. , 2020, , 111-124.		5
18	Deterministic compressive sensing by chirp codes: a MATLAB® tutorial. , 2020, , 125-144.		8

#	ARTICLE	IF	CITATIONS
19	Compressive sensing of electrocardiogram. , 2020, , 165-184.		7
20	Neural signal compressive sensing. , 2020, , 201-221.		8
21	Compressive sensing of electroencephalogram: a review. , 2020, , 247-268.		7
22	Probabilistic Stoneâ€™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
23	Particle Swarm Optimization of Morphological Filters for Electrocardiogram Baseline Drift Estimation. Springer Tracts in Nature-inspired Computing, 2020, , 1-21.	0.7	28
24	Evolutionary Artificial Neural Networks: Comparative Study on State-of-the-Art Optimizers. Springer Tracts in Nature-inspired Computing, 2020, , 302-318.	0.7	10
25	Plant Genetics-Inspired Evolutionary Optimization: A Descriptive Tutorial. Springer Tracts in Nature-inspired Computing, 2020, , 53-77.	0.7	4
26	Tracing the Points in Search Space in Plant Biology Genetics Algorithm Optimization. Springer Tracts in Nature-inspired Computing, 2020, , 180-195.	0.7	5
27	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
28	Artificial Neural Network Trained by Plant Genetic-Inspired Optimizer. Springer Tracts in Nature-inspired Computing, 2020, , 266-280.	0.7	4
29	Comprehensive Overview of Low Voltage Ride Through Methods of Grid Integrated Wind Generator. IEEE Access, 2019, 7, 99299-99326.	4.2	142
30	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
31	Compressive sensing in medical signal processing and imaging systems. , 2019, , 69-92.		16
32	Genetic Algorithm Based on Enhanced Selection and Log-Scaled Mutation Technique. Advances in Intelligent Systems and Computing, 2019, , 730-748.	0.6	21
33	Image Quality Assessment: A Review to Full Reference Indexes. Lecture Notes in Electrical Engineering, 2019, , 279-288.	0.4	18
34	Evolutionary Optimization Based on Biological Evolution in Plants. Procedia Computer Science, 2018, 126, 146-155.	2.0	45
35	A Bi-Level Evolutionary Optimization for Coordinated Transmission Expansion Planning. IEEE Access, 2018, 6, 48455-48477.	4.2	60
36	Perceptual Adaptation of Image Based on Chevreulâ€™s Mach Bands Visual Phenomenon. IEEE Signal Processing Letters, 2017, 24, 594-598.	3.6	41

#	ARTICLE	IF	CITATIONS
37	New crossover operators for real coded genetic algorithm (RCGA)., 2015, , .		32
38	Blind components processing a novel approach to array signal processing: A research orientation. , 2015, , .		7
39	A theoretical discussion on the foundation of Stoneâ€™s blind source separation. Signal, Image and Video Processing, 2011, 5, 379-388.	2.7	32
40	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
41	Hydraulic System Onboard Monitoring and Fault Diagnostic in Agricultural Machine. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	34