Ehab Ali

List of Publications by Year in Descending Order

40 papers	2,625 citations	30 h-index	40 g-index
40 ext. papers	3,218 ext. citations	4.5 avg, IF	6.19 L-index

#	Paper	IF	Citations
40	Optimal locations and sizing of capacitors in radial distribution systems using mine blast algorithm. *Electrical Engineering*, **2018**, 100, 1-9	1.5	33
39	Mine blast algorithm for environmental economic load dispatch with valve loading effect. *Neural Computing and Applications*, **2018**, 30, 261-270	4.8	40
38	Load frequency controller design of a two-area system composing of PV grid and thermal generator via firefly algorithm. *Neural Computing and Applications*, **2018**, 30, 607-616	4.8	97
37	Optimal allocation and sizing of renewable distributed generation using ant lion optimization algorithm. *Electrical Engineering*, **2018**, 100, 99-109	1.5	55
36	Firefly algorithm-based load frequency controller design of a two area system composing of PV grid and thermal generator. *Electrical Engineering*, **2018**, 100, 1253-1262	1.5	17
35	PI controller design using ABC algorithm for MPPT of PV system supplying DC motor pump load. *Neural Computing and Applications*, **2017**, 28, 353-364	4.8	37
34	Speed control of SRM supplied by photovoltaic system via ant colony optimization algorithm. *Neural Computing and Applications*, **2017**, 28, 365-374	4.8	19
33	PI controller design for MPPT of photovoltaic system supplying SRM via BAT search algorithm. *Neural Computing and Applications*, **2017**, 28, 651-667	4.8	55
32	ICA-based speed control of induction motor fed by wind turbine. *Neural Computing and Applications*, **2017**, 28, 1069-1077	4.8	5
31	PI controller design via ABC algorithm for MPPT of PV system supplying DC motor pump load. *Electrical Engineering*, **2017**, 99, 505-518	1.5	11
30	Ant Lion Optimization Algorithm for optimal location and sizing of renewable distributed generations. *Renewable Energy*, **2017**, 101, 1311-1324	8.1	167
29	Optimal Power System Stabilizers design via Cuckoo Search algorithm. *International Journal of Electrical Power and Energy Systems*, **2016**, 75, 99-107	5.1	83
28	PI controller design using artificial bee colony algorithm for MPPT of photovoltaic system supplied DC motor-pump load. *Complexity*, **2016**, 21, 99-111	1.6	10
27	Imperialist competitive algorithm for speed control of induction motor supplied by wind turbine. *Electrical Engineering*, **2016**, 98, 179-187	1.5	3
26	Load frequency controller design via BAT algorithm for nonlinear interconnected power system. *International Journal of Electrical Power and Energy Systems*, **2016**, 77, 166-177	5.1	90
25	Implementation of flower pollination algorithm for solving economic load dispatch and combined economic emission dispatch problems in power systems. *Energy*, **2016**, 101, 506-518	7.9	114
24	Optimal SSSC design for damping power systems oscillations via Gravitational Search Algorithm. *International Journal of Electrical Power and Energy Systems*, **2016**, 82, 161-168	5.1	30

23	Improved Harmony Algorithm and Power Loss Index for optimal locations and sizing of capacitors in radial distribution systems. *International Journal of Electrical Power and Energy Systems*, **2016**, 80, 252-263	5.1	81
22	Combined economic and emission dispatch solution using Flower Pollination Algorithm. *International Journal of Electrical Power and Energy Systems*, **2016**, 80, 264-274	5.1	110
21	Optimal location of STATCOM in multimachine power system for increasing loadability by Cuckoo Search algorithm. *International Journal of Electrical Power and Energy Systems*, **2016**, 80, 240-251	5.1	43
20	Improved Harmony Algorithm for optimal locations and sizing of capacitors in radial distribution systems. *International Journal of Electrical Power and Energy Systems*, **2016**, 79, 275-284	5.1	39
19	Flower Pollination Algorithm and Loss Sensitivity Factors for optimal sizing and placement of capacitors in radial distribution systems. *International Journal of Electrical Power and Energy Systems*, **2016**, 78, 207-214	5.1	109
18	Imperialist competitive algorithm for optimal STATCOM design in a multimachine power system. *International Journal of Electrical Power and Energy Systems*, **2016**, 76, 136-146	5.1	50
17	Ant Lion Optimization Algorithm for Renewable Distributed Generations. *Energy*, **2016**, 116, 445-458	7.9	152
16	Speed control of induction motor supplied by wind turbine via Imperialist Competitive Algorithm. *Energy*, **2015**, 89, 593-600	7.9	46
15	Cuckoo Search algorithm based load frequency controller design for nonlinear interconnected power system. *International Journal of Electrical Power and Energy Systems*, **2015**, 73, 632-643	5.1	115
14	MPPT control design of PV system supplied SRM using BAT search algorithm. *Sustainable Energy, Grids and Networks*, **2015**, 2, 51-60	3.6	68
13	A hybrid particle swarm optimization and bacterial foraging for power system stability enhancement. *Complexity*, **2015**, 21, 245-255	1.6	28
12	Stability improvement of multimachine power system via new coordinated design of PSSs and SVC. *Complexity*, **2015**, 21, 256-266	1.6	6
11	Speed control of DC series motor supplied by photovoltaic system via firefly algorithm. *Neural Computing and Applications*, **2015**, 26, 1321-1332	4.8	23
10	ACO based speed control of SRM fed by photovoltaic system. *International Journal of Electrical Power and Energy Systems*, **2015**, 67, 529-536	5.1	43
9	Optimization of Power System Stabilizers using BAT search algorithm. *International Journal of Electrical Power and Energy Systems*, **2014**, 61, 683-690	5.1	121
8	BFOA based design of PID controller for two area Load Frequency Control with nonlinearities. *International Journal of Electrical Power and Energy Systems*, **2013**, 51, 224-231	5.1	153
7	Hybrid BFOA-PSO approach for SSSC damping controller design **2013**,		1
6	A hybrid Particle Swarm Optimization and Bacterial Foraging for optimal Power System Stabilizers design. *International Journal of Electrical Power and Energy Systems*, **2013**, 46, 334-341	5.1	81

5	Bacteria Foraging Optimization Algorithm based SVC damping controller design for power system stability enhancement. *International Journal of Electrical Power and Energy Systems*, **2012**, 43, 933-940	5.1	36
4	Coordinated design of PSSs and TCSC via bacterial swarm optimization algorithm in a multimachine power system. *International Journal of Electrical Power and Energy Systems*, **2012**, 36, 84-92	5.1	74
3	TCSC damping controller design based on bacteria foraging optimization algorithm for a multimachine power system. *International Journal of Electrical Power and Energy Systems*, **2012**, 37, 23-30	5.1	37
2	Coordinated design of PSSs and SVC via bacteria foraging optimization algorithm in a multimachine power system. *International Journal of Electrical Power and Energy Systems*, **2012**, 41, 44-53	5.1	54
1	Bacteria foraging optimization algorithm based load frequency controller for interconnected power system. *International Journal of Electrical Power and Energy Systems*, **2011**, 33, 633-638	5.1	289