Abdul Latif

List of Publications by Year
in descending order

15 papers	538 citations	759233 12 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	271 citing authors

#	Article	IF	Citations
1	State-of-the-art of controllers and soft computing techniques for regulated load frequency management of single/multi-area traditional and renewable energy based power systems. Applied Energy, 2020, 266, 114858.	10.1	102
2	Comparative performance evaluation of WCA–optimised non–integer controller employed with WPG–DSPG–PHEV based isolated two–area interconnected microgrid system. IET Renewable Power Generation, 2019, 13, 725-736.	3.1	73
3	Maiden coordinated load frequency control strategy for ST–AWEC–GEC–BDDG–based independent three–area interconnected microgrid system with the combined effect of diverse energy storage and DC link using BOA–optimised PFOID controller. IET Renewable Power Generation, 2019, 13, 2634-2646.	3.1	64
4	Illustration of demand response supported co–ordinated system performance evaluation of YSGA optimized dual stage PIFOD–(1‰+‰PI) controller employed with wind–tidal–biodiesel based independent two–area interconnected microgrid system. IET Renewable Power Generation, 2020, 14, 1074-1086.	3.1	57
5	Optimum Synthesis of a BOA Optimized Novel Dual-Stage PI â^ (1 + ID) Controller for Frequency Response of a Microgrid. Energies, 2020, 13, 3446.	3.1	48
6	Price Based Demand Response for Optimal Frequency Stabilization in ORC Solar Thermal Based Isolated Hybrid Microgrid under Salp Swarm Technique. Electronics (Switzerland), 2020, 9, 2209.	3.1	37
7	Plug in hybrid vehicle-wind-diesel autonomous hybrid power system: frequency control using FA and CSA optimized controller. International Journal of Systems Assurance Engineering and Management, 2018, 9, 1147-1158.	2.4	33
8	Active Power Management of Virtual Power Plant under Penetration of Central Receiver Solar Thermal-Wind Using Butterfly Optimization Technique. Sustainability, 2020, 12, 6979.	3.2	31
9	Performance Assessment of an Islanded Hybrid Power System with Different Storage Combinations Using an FPA-Tuned Two-Degree-of-Freedom (2DOF) Controller. Energies, 2020, 13, 5610.	3.1	23
10	Optimization of Two-Stage IPD-(1+I) Controllers for Frequency Regulation of Sustainable Energy Based Hybrid Microgrid Network. Electronics (Switzerland), 2021, 10, 919.	3.1	21
11	Design and Implementation of Maiden Dual-Level Controller for Ameliorating Frequency Control in a Hybrid Microgrid. Energies, 2021, 14, 2418.	3.1	20
12	Maiden Voltage Control Analysis of Hybrid Power System With Dynamic Voltage Restorer. IEEE Access, 2021, 9, 60531-60542.	4.2	18
13	Virtual Power Plant enabled Co-ordinated Frequency Control of a grid connected Independent Hybrid Microgrid using Firefly algorithm. , 2019, , .		6
14	Isolated and Interconnected Multi-Area Hybrid Power Systems: A Review on Control Strategies. Energies, 2021, 14, 8276.	3.1	4
15	Co-ordinated frequency support of Solar-field/Wind based Independent Hybrid Micro-grid System using WOA optimized single Controller. , 2019, , .		1