Adel M Sharaf

List of Publications by Year
in descending order

68	838	840776	610901
papers	citations	11 h-index	24 g-index

69	69	69	799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Renewable Energy Micro-Grid Interfacing: Economic and Environmental Issues. Electronics (Switzerland), 2022, 11, 815.	3.1	19
2	A robust FACTS based fuzzy control scheme for dynamic stabilization of generator station. Ain Shams Engineering Journal, 2020, 11, 629-641.	6.1	3
3	Optimal Switched Compensator for Vehicle-to-Grid Battery Chargers Using Salp Optimization. , 2019, , .		8
4	A unified index for power quality evaluation in distributed generation systems. Energy, 2018, 149, 607-622.	8.8	92
5	Review of FACTS technologies and applications for power quality in smart grids with renewable energy systems. Renewable and Sustainable Energy Reviews, 2018, 82, 502-514.	16.4	224
6	A Flexible PV-Powered Battery-Charging Scheme for Electric Vehicles. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2017, 34, 133-143.	3.2	11
7	Comprehensive review of gateâ€controlled series capacitor and applications in electrical systems. IET Generation, Transmission and Distribution, 2017, 11, 1085-1093.	2.5	10
8	Distributed FACTS stabilization scheme for efficient utilization of distributed wind energy systems. International Transactions on Electrical Energy Systems, 2017, 27, e2391.	1.9	23
9	Robust hydrothermal scheduling under load uncertainty using information gap decision theory. International Transactions on Electrical Energy Systems, 2016, 26, 464-485.	1.9	23
10	A robust FACTS PV-smart grid interface scheme for efficient energy utilisation. International Journal of Power and Energy Conversion, 2015, 6, 344.	0.3	12
11	A switched hybrid filter - DVS/green plug for smart grid nonlinear loads. , 2015, , .		4
12	Short term multi-objective hydrothermal scheduling. Electric Power Systems Research, 2015, 121, 357-367.	3.6	33
13	A fuzzy logic sliding mode controlled electronic differential for a direct wheel drive EV. International Journal of Electronics, 2015, 102, 1919-1942.	1.4	16
14	Multi-objective economic emission dispatch considering combined heat and power by normal boundary intersection method. Electric Power Systems Research, 2015, 129, 32-43.	3.6	52
15	Reply to â€œDiscussion on â€œShort-term environmental/economic hydrothermal schedulingâ€•by A. Ahmadi et al. [Electr. Power Syst. Res. 116 (2014) 117â€“127]â€• Electric Power Systems Research, 2015, 127, 348-350.	3.6	1
16	Improvement of power quality in distribution network using a novel DSTATCOM device. , 2015, , .		2
17	Solar Energy and PV Systems. International Journal of Photoenergy, 2014, 2014, 1-2.	2.5	6
18	Short-term environmental/economic hydrothermal scheduling. Electric Power Systems Research, 2014, 116, 117-127.	3.6	49

#	Article	IF	Citations
19	A novel FACTS based on modulated power filter compensator for wind-grid energy systems. , 2014, , .		2
20	Performance enhancement of hybrid AC/DC microgrid based D-FACTS. International Journal of Electrical Power and Energy Systems, 2014, 63, 382-393.	5.5	47
21	A novel hybrid facts based renewable energy scheme for village electricity. , 2012, , .		3
22	A FACTS based switched capacitor compensation scheme for smart grid applications. , 2012, , .		11
23	Modeling of FLC-Incremental based MPPT using DC-DC boost converter for standalone PV system. , 2012, , .		8
24	A novel facts compensation scheme for power quality improvement in wind Smart Grid. , 2012, , .		14
25	A novel switched power filter-green plug (SPF-GP) scheme for wave energy systems. Renewable Energy, 2012, 44, 340-358.	8.9	10
26	A novel switched filter compensation scheme for power quality enhancement and loss reduction. , 2011, , .		5
27	A novel facts based dynamic voltage compensation scheme for smart electric grid stabilization and efficient utilization. , 2011, , .		10
28	Power quality enhancement in wind-grid interface based on switched filter compensator. , 2011, , .		5
29	A novel photovoltaic PV-powered battery charging scheme for electric vehicles. , 2011, , .		6
30	Multi-objective PSO/GA optimization control strategies for energy efficient PMDC motor drives. European Transactions on Electrical Power, 2011, 21, 2080-2097.	1.0	6
31	A novel GA-based tri loop multi-stage incremental action drive controller for hybrid PV-FC-Diesel-Battery electric vehicle. , 2010, , .		4
32	Power efficient PID controller of wind driven induction generation single-phase induction motors for electric energy saving applications. , 2010, , .		8
33	Particle Swarm Optimization PSO: A New Search Tool in Power System and Electro Technology. Studies in Computational Intelligence, 2010, , 235-294.	0.9	4
34	A Hybrid PSO-Self Regulating VSC-SMC Controller for PV-FC-Diesel-Battery Renewable Energy Scheme for Buildings Electricity Utilization. , 2010, , .		2
35	Optimal PID-self regulating controller for micro hydro-fuel cell green Energy Management Scheme. , 2010, , .		4
36	A Novel Coordinated Efficient GA-Self Regulating PID Controller for Hybrid PV-FC-Diesel-Battery Renewable Energy Scheme for Household Electricity Utilization. , 2010, , .		1

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37	Optimal selection of capacitors in distribution networks for voltage stabilization and loss reduction. , 2010, , .		0
38	A novel GA-self regulating VSC-SMC controller for common AC-DC PV-FC-diesel-battery green energy utilization scheme. , 2010, , .		1
39	A novel efficient PSO-self regulating PID controller for hybrid PV-FC-diesel-battery micro grid scheme for village/resort electricity utilization. , 2010, , .		5
40	Novel Green Plug switched filter schemes based on Multi Objective Genetic algorithm MOGA for single phase induction motors. , 2010, , .		2
41	A Smart Dynamic Electric Energy Conservation VSC-Self Regulating Controller for Micro Hydro-Fuel Cell Green Scheme. , 2010, , .		0
42	Optimal Self Tuned Variable Structure Sliding Mode for Coordinated Wind-FC-Diesel Utilization Scheme. , 2010, , .		1
43	A novel PSO-based hybrid PV-FC-Diesel-Battery electric PID-controller drive system for electric vehicle traction. , 2010, , .		1
44	Optimal Variable Structure Self Regulating PSO-Controller for Stand-Alone Wave Energy Conversion Scheme. , 2010, , .		1
45	Novel Low Cost Green Plug Smart Filter Soft Starter (GP-SF-SS) Schemes for Small Horse Power Motorized Loads. International Journal of Electrical and Power Engineering, 2010, 4, 113-146.	0.1	3
46	Optimal Multi-incremental Self Regulating Speed Controller for Industrial PMDC Motor Drive Systems. , 2009, , .		3
47	Optimal tuning of tri-loop dynamic error driven controller for industrial PMDC motor drives based on particle swarm optimization-PSO. , 2009, , .		2
48	Hybrid green micro-cogeneration using common dc bus hybrid scheme. , 2009, , .		0
49	A novel hybrid Photovoltaic/Wave energy utilization system for island electricity. , 2009, , .		0
50	A variable structure sliding mode Particle Swarm Optimization-PSO optimal regulating controller for industrial PMDC motor drives. , 2009, , .		9
51	A novel discrete multi-objective Particle Swarm Optimization (MOPSO) of optimal shunt power filter. , 2009, , .		13
52	Optimal energy utilization for a stand-alone Wind Energy scheme WES. , 2009, , .		1
53	A novel hybrid integrated wind-PV micro co-generation energy scheme for village electricity. , 2009, , .		12
54	A Particle Swarm Optimization Technique (PSO) for Power Filter Design. , 2009, , .		2

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55	A novel stabilization dynamic filter scheme for Fuel Cell utilization system. , 2009, , .		0
56	Optimal Switched Dynamic Modulated Power Filter Compensator for Radial Distribution System. , 2009, , .		1
57	Optimal self regulating stand-alone wave energy conversion scheme. , 2009, , .		2
58	A MOPSO Self Regulating PID Dynamic Error Driven Controller for Tidal Wave Energy Conversion. , 2009, , .		1
59	Optimal Hybrid Power Filter Compensator Design Using Multi-objective Particle Swarm Optimization (MOPSO). , 2009, , .		1
60	A MOPSO Tri-loop Self Regulated Variable Structure Sliding Mode Self Regulating Coordinated Controller for Tidal Wave Energy Conversion. , 2009, , .		2
61	A discrete particle swarm optimization technique (DPSO) for power filter design. , 2009, , .		8
62	Optimal Self Regulating PID Controller for Coordinated Wind-FC-Diesel Utilization Scheme. , 2009, , .		2
63	A novel discrete multi-objective particle swarm optimisation (MOPSO) technique for optimal hybrid power filter compensator schemes. International Journal of Power and Energy Conversion, 2009, 1, 157.	0.3	4
64	A switched power filtter compensator scheme for ac motorized electrical loads. , 2008, , .		5
65	A Monitoring and Identification Scheme for Power Quality Assessment. , 2007, , .		1
66	A Low-Cost Modulated Filter Compensator for Energy-Efficient Enhancement in AC Utilization Systems. , 2007, , .		3
67	A CONTINUOUS FREQUENCY OPTIMIZATION TECHNIQUE FOR POWER SYSTEM HARMONIC FILTER DESIGN. Engineering Optimization, 1994, 23, 71-86.	2.6	2
68	An optimization based technique for power system harmonic filter design. Electric Power Systems Research, 1994, 30, 63-67.	3.6	7