Asadur Rahman

List of Publications by Year
in descending order

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21	585	933410 10	1058452 14
papers	citations	h-index	g-index

21	21	21	259
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal control of electrical vehicle incorporated hybrid power system with second order fractionalâ€active disturbance rejection controller. Optimal Control Applications and Methods, 2023, 44, 905-934.	2.1	19
2	Multi-stage Fractional-order Controller for Frequency Mitigation of EV-based Hybrid Power System. IETE Journal of Research, 2023, 69, 8153-8167.	2.6	6
3	Power generation control of restructured hybrid power system with FACTS and energy storage devices using optimal cascaded fractionalâ€order controller. Optimal Control Applications and Methods, 2022, 43, 757-786.	2.1	10
4	Power Generation Control of Renewable Energy Based Hybrid Deregulated Power System. Energies, 2022, 15, 517.	3.1	17
5	Performance study of ADRC and PID for concurrent Frequency-Voltage Control of Electric Vehicle Incorporated Hybrid Power System. , 2022, , .		6
6	Load frequency control of hybrid power system using modified disturbance rejection controller. , 2022, , .		1
7	A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2921" altimg="si1.svg"><mml:msup><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mi>n</mml:mi><mml:mi>d</mml:mi> order Active Disturbance Rejection Controller for coordinated frequency-voltage control of deregulated hybrid power system with optimal electric-vehicle integration. Electric Power Systems Research, 2022, 210, 108129.	3.6	8
8	AGC of Hybrid Solar-Hydro-Thermal System with GWO-based Conventional Secondary Controllers. Lecture Notes in Electrical Engineering, 2021, , 85-95.	0.4	2
9	AGC of Hybrid Power System with Grey Wolf optimizer Based Conventional Secondary Controllers. , 2021, , .		1
10	Load frequency control of <scp>multiâ€source</scp> electrical power system integrated with <scp>solarâ€thermal</scp> and electric vehicle. International Transactions on Electrical Energy Systems, 2021, 31, e12918.	1.9	32
11	System dynamics and control of EV incorporated deregulated power system using MBOâ€optimized cascaded IDâ€PD controller. International Transactions on Electrical Energy Systems, 2021, 31, e13100.	1.9	21
12	<scp>Stateâ€observer</scp> based <scp>IDD</scp> controller for concurrent <scp>frequencyâ€voltage</scp> control of a hybrid power system with electric vehicle uncertainties. International Transactions on Electrical Energy Systems, 2021, 31, .	1.9	21
13	Fuzzy and MBO optimized Load Frequency Control of hybrid Power System. , 2021, , .		2
14	Optimal Control of a Two-Area Hybrid Microgrid System Incorporating Electric Vehicles. , 2021, , .		1
15	Automatic generation control of an interconnected two-area hybrid thermal system considering dish-stirling solar thermal and wind turbine system. Renewable Energy, 2017, 105, 41-54.	8.9	131
16	Maiden application of hybrid pattern searchâ€biogeography based optimisation technique in automatic generation control of a multiâ€area system incorporating interline power flow controller. IET Generation, Transmission and Distribution, 2016, 10, 1654-1662.	2.5	57
17	Automatic generation control of an unequal fourâ€area thermal system using biogeographyâ€based optimised 3DOFâ€PID controller. IET Generation, Transmission and Distribution, 2016, 10, 4118-4129.	2.5	42
18	AGC of dishâ€Stirling solar thermal integrated thermal system with biogeography based optimised three degree of freedom PID controller. IET Renewable Power Generation, 2016, 10, 1161-1170.	3.1	70

#	Article	IF	Citations
19	AGC of a multi-area thermal-CCGT system using Cuckoo Search optimized classical controllers. , 2015, , .		3
20	Load frequency control of a hydroâ€thermal system under deregulated environment using biogeographyâ€based optimised threeâ€degreeâ€ofâ€freedom integralâ€derivative controller. IET Generation, Transmission and Distribution, 2015, 9, 2284-2293.	2.5	128
21	Fuzzy logic based improved active and reactive power control operation of DFIG for wind power generation. , 2011, , .		7