Shafaat Ullah

List of Publications by Year in descending order

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Version: 2024-02-01

26	292	1040056	996975
papers	citations	9 h-index	15 g-index

26	26	26	227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Super Twisting Fractional Order Terminal Sliding Mode Control for DFIG-Based Wind Energy Conversion System. Energies, 2020, 13, 2158.	3.1	50
2	Robust Integral Backstepping Based Nonlinear MPPT Control for a PV System. Energies, 2019, 12, 3180.	3.1	45
3	Integral Super Twisting Sliding Mode Based Sensorless Predictive Torque Control of Induction Motor. IEEE Access, 2020, 8, 186740-186755.	4.2	33
4	Sensorless fractional order composite sliding mode control design for wind generation system. ISA Transactions, 2021, 111, 275-289.	5.7	29
5	Backstepping Based Super-Twisting Sliding Mode MPPT Control with Differential Flatness Oriented Observer Design for Photovoltaic System. Electronics (Switzerland), 2020, 9, 1543.	3.1	21
6	Consensus-Based Delay-Tolerant Distributed Secondary Control Strategy for Droop Controlled AC Microgrids. IEEE Access, 2021, 9, 6033-6049.	4.2	19
7	Consensus based SoC trajectory tracking control design for economic-dispatched distributed battery energy storage system. PLoS ONE, 2020, 15, e0232638.	2.5	15
8	Nonlinear robust integral backstepping based MPPT control for stand-alone photovoltaic system. PLoS ONE, 2020, 15, e0231749.	2.5	13
9	Voltage/Frequency Regulation With Optimal Load Dispatch in Microgrids Using SMC Based Distributed Cooperative Control. IEEE Access, 2022, 10, 64873-64889.	4.2	12
10	Finite-Time Fast Dynamic Terminal Sliding Mode Maximum Power Point Tracking Control Paradigm for Permanent Magnet Synchronous Generator-Based Wind Energy Conversion System. Applied Sciences (Switzerland), 2020, 10, 6361.	2.5	11
11	A Distributed Hierarchical Control Framework for Economic Dispatch and Frequency Regulation of Autonomous AC Microgrids. Energies, 2021, 14, 8408.	3.1	9
12	A Finite-Time Robust Distributed Cooperative Secondary Control Protocol for Droop-Based Islanded AC Microgrids. Energies, 2021, 14, 2936.	3.1	7
13	Neuro-adaptive backstepping integral sliding mode control design for nonlinear wind energy conversion system. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 531-547.	1.4	6
14	Economic Loss Minimization of a Distribution Feeder and Selection of Optimum Conductor for Voltage Profile Improvement. , 2018, , .		4
15	Neurofuzzy robust backstepping based MPPT control for photovoltaic system. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 421-436.	1.4	4
16	Observer Based Higher Order Sliding Mode Control Scheme for PMSG-WECS. , 2019, , .		3
17	Flood Rescue Operations Using Artificially Intelligent UAVs. , 2019, , .		2
18	Wavelet-Hybridized NeuroFuzzy Feedback Linearization based Control Strategy for PHEVs Charging Station in a Smart Microgrid. , 2020, , .		2

#	Article	IF	Citations
19	Fractional Order Sliding Mode Control based Model Predictive Current Control of Multi-phase Induction Motor Drives. , 2020, , .		2
20	Integration of distributed generation into a radial distribution feeder for reduction of line losses. , 2013, , .		1
21	Design and SAR Analysis of a Compact Multiband Handset Antenna for UMTS/HSPA+2100 MHz and 2.4 GHz ISM-Band standards for Cellular Applications. , 2018, , .		1
22	Integrated Fault-Diagnoses and Fault-Tolerant MPPT Control Scheme for a Photovoltaic System. , 2019, , .		1
23	NeuroFuzzy Full-Recurrent Hybrid B-Spline Wavelet Based Feedback Linearization Control for PMSG-WECS in a Grid-connected Hybrid Power System. , 2021, , .		1
24	Legendre-wavelet embedded NeuroFuzzy feedback linearization based control scheme for PHEVs charging station in a microgrid. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 2046-2066.	1.4	1
25	Terminal Sliding Mode Nonlinear Control Strategy for MPPT Application of Photovoltaic System. , 2020, , .		0
26	Maximum Power Extraction from Photovoltaic System using Integral Sliding Mode Control. , 2020, , .		0