

Inam Ullah Nutkani

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

906
citations

623188

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16
g-index

40
all docs

40
docs citations

40
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Droop Scheme With Consideration of Operating Costs. IEEE Transactions on Power Electronics, 2014, 29, 1047-1052.	5.4	172
2	Cost-Prioritized Droop Schemes for Autonomous AC Microgrids. IEEE Transactions on Power Electronics, 2015, 30, 1109-1119.	5.4	100
3	Distributed Operation of Interlinked AC Microgrids with Dynamic Active and Reactive Power Tuning. IEEE Transactions on Industry Applications, 2013, 49, 2188-2196.	3.3	85
4	Decentralized Economic Dispatch Scheme With Online Power Reserve for Microgrids. IEEE Transactions on Smart Grid, 2017, 8, 139-148.	6.2	62
5	Cost-based droop scheme with lower generation costs for microgrids. IET Power Electronics, 2014, 7, 1171-1180.	1.5	52
6	Linear Decentralized Power Sharing Schemes for Economic Operation of AC Microgrids. IEEE Transactions on Industrial Electronics, 2016, 63, 225-234.	5.2	52
7	Autonomous Droop Scheme With Reduced Generation Cost. IEEE Transactions on Industrial Electronics, 2014, 61, 6803-6811.	5.2	48
8	Intertied ac microgrids with autonomous power import and export. International Journal of Electrical Power and Energy Systems, 2015, 65, 385-393.	3.3	41
9	Cost-based droop scheme for DC microgrid. , 2014, , .		40
10	Power flow control of intertied ac microgrids. IET Power Electronics, 2013, 6, 1329-1338.	1.5	36
11	Role of fault ride-through strategies for power grids with 100% power electronic-interfaced distributed renewable energy resources. Wiley Interdisciplinary Reviews: Energy and Environment, 2018, 7, e292.	1.9	23
12	Near-Optimal MPC Algorithm for Actively Damped Grid-Connected PWM-VSCs With LCL Filters. IEEE Transactions on Industrial Electronics, 2020, 67, 4578-4589.	5.2	19
13	Autonomous power management for interlinked AC-DC microgrids. CSEE Journal of Power and Energy Systems, 2018, 4, 11-18.	1.7	17
14	A Review on Variable Flux Machine Technology: Topologies, Control Strategies and Magnetic Materials. IEEE Access, 2019, 7, 70141-70156.	2.6	16
15	Autonomous economic operation of grid connected DC microgrid. , 2014, , .		15
16	Comparison of Current Control Strategies Based on FCS-MPC and D-PI-PWM Control for Actively Damped VSCs With LCL-Filters. IEEE Access, 2019, 7, 112410-112423.	2.6	15
17	Flux switching machines: A review on design and applications. , 2017, , .		12
18	Secondary Droop for Frequency and Voltage Restoration in Microgrids. , 2015, , .		11

#	ARTICLE	IF	CITATIONS
19	Integrated Electrical and Thermal Grid Facility - Testing of Future Microgrid Technologies. <i>Energies</i> , 2015, 8, 10082-10105.	1.6	10
20	An integral-droop based dynamic power sharing control for hybrid energy storage system in DC microgrid. , 2017, , .		9
21	Cost-prioritized droop schemes for autonomous microgrids. , 2013, , .		8
22	Evaluation of Electric Vehicles (EVs) Impact on Electric Grid. , 2022, , .		8
23	Decentralized Master-Slave Control for Series-Cascaded Islanded AC Microgrid. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 5942-5951.	5.2	7
24	Fault ride-through capability of hybrid AC/DC microgrids during AC and DC network faults. , 2017, , .		6
25	Decentralised Master-slave Control for Series-cascaded AC Microgrid Integrating Solar Photovoltaic Generation. , 2019, , .		6
26	Power flow control of interlinked hybrid microgrids. , 2012, , .		5
27	Series-Cascaded AC Microgrid Topology Integrating Non-Dispatchable Distributed Generation and Storage. , 2018, , .		5
28	Autonomous droop scheme with reduced generation cost. , 2013, , .		4
29	Cost-based droop scheme with lower generation costs for microgrids. , 2013, , .		4
30	Investigation of fault ride-through capability of AC/DC hybrid microgrids during AC network faults. , 2017, , .		4
31	A New Modular Asymmetrical Half-Bridge Switched Reluctance Motor Integrated Drive for Electric Vehicle Application. , 2018, , .		4
32	Long horizon linear MPC of grid-connected VSIs: Regulation problems and a plug-in solution. , 2017, , .		3
33	Distributed control of hybrid AC microgrids with dynamic active and reactive power capacity tuning. , 2012, , .		2
34	Autonomous Power Management of Series-Parallel Hybrid Microgrid. , 2019, , .		2
35	Discrete Time Analysis of Dual Loop Stationary Frame Integral Dominant Voltage Regulated Inverters. , 2021, , .		2
36	Adaptive Protection Scheme with Passive Islanding Detection for AC Microgrids. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
37	Hybrid isochronous-droop control for power management in AC microgrids. , 2017, , .		0
38	Hybrid isochronous-droop control for power management in DC microgrids. , 2017, , .		0
39	Autonomous Power Sharing Schemes for Series-Cascaded DC Microgrid. , 2018, , .		0
40	Magnetic Equivalent Circuit Modelling of Synchronous Reluctance Motors. Energies, 2022, 15, 4422.	1.6	0