

Ali Akbar Moti Birjandi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

320
citations

1307594

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24
all docs

24
docs citations

24
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Artificial Neural Networks and Fuzzy logic Methods for Short Term Load Forecasting. Energy Procedia, 2012, 14, 1883-1888.	1.8	61
2	New cascade boost converter with reduced losses. IET Power Electronics, 2016, 9, 1213-1219.	2.1	55
3	Single-stage single-phase three-level neutral-point-clamped transformerless grid-connected photovoltaic inverters: Topology review. Renewable and Sustainable Energy Reviews, 2017, 80, 197-214.	16.4	46
4	Decentralised power sharing control strategy in LV microgrids under unbalanced load conditions. IET Generation, Transmission and Distribution, 2017, 11, 1613-1623.	2.5	35
5	A Multifunctional Control Strategy for Oscillatory Current Sharing in DC Microgrids. IEEE Transactions on Energy Conversion, 2017, 32, 560-570.	5.2	23
6	An Improved Multilevel Inverter for Single-Phase Transformerless PV System. IEEE Transactions on Energy Conversion, 2021, 36, 281-290.	5.2	23
7	Safe Sub Synchronous Oscillations Response for Large DFIG-Based Wind Farms. IEEE Access, 2020, 8, 169822-169834.	4.2	10
8	Optimal placement method of multi UPFCs to damp power system oscillations. International Transactions on Electrical Energy Systems, 2017, 27, e2360.	1.9	6
9	An energy efficient refractive structure for energy concentration on PV cells. , 2010, , .		5
10	Grid Synchronization of Bidirectional Electric Vehicle Chargers Using Second Order Generalized Integrator based Phase Lock Loop. , 2021, , .		5
11	Transient Stability Assessment of a Power System with a UPFC by Mixture of Experts. International Journal of Computer and Electrical Engineering, 0, , 643-648.	0.2	5
12	To study unplanned islanding transient response of microgrid by implementing MSOG and SRF \hat{a} PLL based hierarchical control in the presence of non \hat{a} linear loads. IET Renewable Power Generation, 2020, 14, 881-890.	3.1	4
13	Small \hat{a} signal \hat{a} based study of a two stage AC/DC and DC/DC battery charger using battery one time constant model. IET Power Electronics, 2020, 13, 4665-4676.	2.1	4
14	Sliding Mode Controller (SMC) For Sinusoidal Ripple Current (SRC) Charge of Li-ion Battery. , 2019, , .		3
15	A subsynchronous resonance prevention for DFIG-based wind farms. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 2670-2685.	1.4	3
16	Developed Experimental Analysis of Current THD of The CPV System Using Continuous Input-current Buck-Boost DC-DC Converter. , 2021, , .		3
17	A Novel Half-Full-Bridge Split-Capacitor DC-DC Converter Based On Dual-Active-Bridge Topology. , 2022, , .		2
18	An Optimized Hybrid Model-Based Unified-Phase-Shift Control Strategy for Single-Phase Dual Active Bridge DC-DC Converter. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
19	A Comprehensive Analysis and Modeling of The Bidirectional Three-Level DC-DC Converter with Auxiliary Control Scheme for Balancing Voltages of Its Capacitors. , 2021, , .		1
20	Comments on "A KY Boost Converter". IEEE Transactions on Power Electronics, 2015, 30, 1120-1120.	7.9	0
21	Bidirectional Grid-Connected Single-Stage Converter with Unfolding Circuit. , 2020, , .		0
22	Optimal Selection of UPFC Parameters and Input Controlling Signal for Damping Power System Oscillations. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 2, 61.	0.8	0
23	Tan-Sun Transformation based Virtual Inductance Control Loop for Unbalanced Power Sharing of Islanded AC Microgrids. , 2022, , .		0