

S Asghar Gholamian

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

248
citations

840585

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24
docs citations

24
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel intelligent protection system for power transformers considering possible electrical faults, inrush current, CT saturation and over-excitation. International Journal of Electrical Power and Energy Systems, 2015, 64, 1129-1140.	3.3	40
2	Adaptive Frequency Control of Microgrid Based on Fractional Order Control and a Data-Driven Control With Stability Analysis. IEEE Transactions on Smart Grid, 2022, 13, 381-392.	6.2	26
3	Calculation of AC Magnetizing Loss of ReBCO Superconducting Tapes Subjected to Applied Distorted Magnetic Fields. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3875-3888.	0.8	19
4	A Novel Unsymmetrical Multi-Segment Concentric Winding Scheme for Electromagnetic Force and Leakage Flux Mitigation in HTS Power Transformers. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-10.	1.1	17
5	Investigation on Effect of Magnetic Field Dependency Coefficient of Critical Current Density on the AC Magnetizing Loss in HTS Tapes Exposed to External Field. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3899-3910.	0.8	17
6	A Comparative Study Between Direct Torque Control and Predictive Torque Control for Axial Flux Permanent Magnet Synchronous Machines. Journal of Electrical Engineering, 2013, 64, 346-353.	0.4	15
7	Optimization of Distributive Ratios of Apportioned Winding Configuration in HTS Power Transformers for Hysteresis Loss and Leakage Flux Reduction. Journal of Superconductivity and Novel Magnetism, 2015, 28, 3463-3479.	0.8	15
8	Influence of field-dependent critical current on harmonic AC loss analysis in HTS coils for superconducting transformers supplying non-linear loads. Cryogenics, 2021, 113, 103234.	0.9	15
9	Fuzzy Logic Control of Wind Turbine System Connection to PM Synchronous Generator for Maximum Power Point Tracking. International Journal of Intelligent Systems and Applications, 2014, 6, 29-35.	0.9	13
10	A control strategy for a multi-terminal HVDC network integrating wind farms to the AC grid. International Journal of Electrical Power and Energy Systems, 2017, 89, 146-155.	3.3	12
11	Adaptive fractional-order control of power system frequency in the presence of wind turbine. IET Generation, Transmission and Distribution, 2020, 14, 594-605.	1.4	12
12	Using of four-switch three-phase converter in the structure DPC of DFIG under unbalanced grid voltage condition. Electrical Engineering, 2018, 100, 1925-1938.	1.2	10
13	Adaptive frequency control with variable speed wind turbines using data-driven method. Journal of Renewable and Sustainable Energy, 2019, 11, .	0.8	10
14	Harmonic elimination in switching table-based direct torque control of five-phase PMSM using matrix converter. , 2012, , .		6
15	Application of Taguchi Experiment Design for Decrease of Cogging Torque in Permanent Magnet motors. International Journal on Computational Science & Applications, 2013, 3, 31-38.	0.4	5
16	Speed Control of Matrix Converter-Fed Five-Phase Permanent Magnet Synchronous Motors under Unbalanced Voltages. Energies, 2017, 10, 1509.	1.6	4
17	A New Method for Design and Optimization of DFIG for Wind Power Applications. Electric Power Components and Systems, 2020, 48, 1523-1536.	1.0	4
18	Adaptive frequency control support of a <sc>DFIG</sc> based on second-order derivative controller using <sc>data-driven</sc> method. International Transactions on Electrical Energy Systems, 2020, 30, e12424.	1.2	3

#	ARTICLE	IF	CITATIONS
19	A new DPC method for single VSC based DFIG under unbalanced grid voltage condition. , 2016, , .		2
20	Reduction of Electromagnetic Force in AC Distributed Winding of Fault Current Limiter under Short-Circuit Condition. Journal of Magnetism, 2015, 20, 400-404.	0.2	2
21	Design Optimization of a Five-Phase IPM Synchronous Motor for Low-Speed Applications. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2016, 40, 79-91.	1.5	1
22	Valuation of reactive power support provided by photovoltaic systems in distribution networks. International Transactions on Electrical Energy Systems, 2021, 31, .	1.2	0
23	Voltage control approach based on PCPM distributed algorithm in the presence of high PV penetration: a stochastic modeling. Electrical Engineering, 0, , 1.	1.2	0
24	Optimum Design of a Five-Phase Permanent Magnet Synchronous Motor for Underwater Vehicles by use of Particle Swarm Optimization. Telkomnika (Telecommunication Computing Electronics and) Tj ETQq0 0 0 rgBT.6 Overlook 10 Tf 50		