

Zia Ullah

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

195
citations

1684188

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1872680

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12
all docs

12
docs citations

12
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	A Torque Angle-Based Fault Detection and Identification Technique for IPMSM. IEEE Transactions on Industry Applications, 2020, 56, 170-182.	4.9	19
2	Analysis of Inter-Turn-Short Fault in an FSCW IPM Type Brushless Motor Considering Effect of Control Drive. IEEE Transactions on Industry Applications, 2020, 56, 1356-1367.	4.9	20
3	Detection and Identification of Demagnetization and Bearing Faults in PMSM Using Transfer Learning-Based VGG. Energies, 2020, 13, 3834.	3.1	29
4	Torque characteristics analysis of dual-airgap spoke-type permanent-magnet Vernier machine considering pole ratio effect. Electrical Engineering, 2020, 102, 1405-1412.	2.0	4
5	Irreversible Demagnetization Fault Prognosis in a Permanent Magnet type Machines. , 2020, , .		3
6	Online Diagnosis and Severity Estimation of Partial and Uniform Irreversible Demagnetization Fault in Interior Permanent Magnet Synchronous Motor. , 2019, , .		18
7	Comparative Analysis of Six-Step and Vector Controlled IPMSM under Inter-Turn Fault. , 2018, , .		4
8	A Novel Fault Diagnosis Technique for IPMSM Using Voltage Angle. , 2018, , .		7
9	A Comprehensive Review of Winding Short Circuit Fault and Irreversible Demagnetization Fault Detection in PM Type Machines. Energies, 2018, 11, 3309.	3.1	49
10	Distortion voltage compensation in field-weakening region of IPMSM. , 2017, , .		1
11	New Equivalent Circuit of the IPM-Type BLDC Motor for Calculation of Shaft Voltage by Considering Electric and Magnetic Fields. IEEE Transactions on Industry Applications, 2016, 52, 3763-3771.	4.9	33
12	Comparative analysis of scalar and vector control drives of IPMSM under inter-turn fault condition considering nonlinearities. , 2015, , .		8