

# Zia Ullah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2812319/publications.pdf>

Version: 2024-02-01

12  
papers

195  
citations

1684188

5  
h-index

1872680

6  
g-index

12  
all docs

12  
docs citations

12  
times ranked

163  
citing authors

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