

# Mohamed Azeem Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3083986/publications.pdf>

Version: 2024-02-01

37  
papers

333  
citations

840776

11  
h-index

888059

17  
g-index

37  
all docs

37  
docs citations

37  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Challenges, and Trends of Inductive Power Transfer Couplers for Electric Vehicles: A Review. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 6196-6218.	5.4	68
2	Analysis of Non-Intrusive Rotor Speed Estimation Techniques for Inverter-Fed Induction Motors. IEEE Transactions on Energy Conversion, 2021, 36, 338-347.	5.2	16
3	A Simplified Equivalent Circuit Method for Induction Machine Nonintrusive Field Efficiency Estimation. IEEE Transactions on Industrial Electronics, 2020, 67, 7301-7311.	7.9	11
4	A Simplified Efficiency Estimation Approach for Converter-Fed Induction Motors. , 2020, , .		3
5	Optimal current calculation for a PMSG based wind energy system integrated into an unbalanced weak grid. IET Electric Power Applications, 2020, 14, 523-532.	1.8	2
6	Doubly Fed Induction Generator Open Stator Synchronized Control during Unbalanced Grid Voltage Condition. Energies, 2020, 13, 3155.	3.1	10
7	Comparative Analysis of Outer-Rotor Flux-Modulated Permanent Magnet Generator Topologies. , 2020, , .		0
8	Development of a Test Rig to Automate Efficiency Testing of Converter-Fed Induction Motors. IEEE Transactions on Industry Applications, 2019, 55, 5916-5924.	4.9	6
9	A Study on the role of Oil-Air Mist Lubrication on an Ultrahigh-Speed Bio-Generator. Procedia Manufacturing, 2019, 33, 107-114.	1.9	1
10	Urban Wind Resource Assessment: A Case Study on Cape Town. Energies, 2019, 12, 1479.	3.1	12
11	Converter-fed Induction Motor Efficiency Measurement under Variable Frequency/Load Points: An Extension of the IEC/TS 60034-2-3. , 2019, , .		3
12	Techno-economic evaluation of five-level nested neutral point clamped converter topology for transformer-less connection of high-power wind energy conversion systems. Journal of Energy in Southern Africa, 2019, 30, 33-43.	0.8	0
13	Automated Efficiency Testing of Converter - Fed Induction Motors. , 2018, , .		2
14	Analysis of the Relationship between the Parameters of IPT Transformer and Power Electronic System. , 2018, , .		6
15	Real-Time Implementation and Comparative Analysis of $\hat{I}_{\pm}^2$ and $gh$ Reference Framed SVPWM Techniques for a Three-Level NPC Induction Motor Drive. , 2018, , .		2
16	Dead Time Effect on the Double-Loop Control Strategy for a Boost Inverter. IEEE Transactions on Industry Applications, 2017, 53, 319-326.	4.9	12
17	Influence of Rotor Topologies and Cogging Torque Minimization Techniques in the Detection of Static Eccentricities in Axial-Flux Permanent-Magnet Machine. IEEE Transactions on Industry Applications, 2017, 53, 161-170.	4.9	27
18	Analysis of a three phase five-level dual tapped inductor quasi impedance source-nested neutral point clamped converter. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Reclosing transients in standard and premium efficiency induction machines in the presence of voltage unbalance. , 2016, , .		0
20	Steady state impedance estimation of a weak grid to assist optimal current injection for minimal power losses. , 2016, , .		0
21	Development of a 5-kW Scaled Prototype of a 2.5 MW Doubly-Fed Induction Generator. IEEE Transactions on Industry Applications, 2016, 52, 4688-4698.	4.9	12
22	Fault diagnosis and condition monitoring of axial-flux permanent magnet wind generators. Electric Power Systems Research, 2016, 136, 1-7.	3.6	20
23	Development of a 5kW scaled prototype of a 2.5 MW Doubly-fed induction generator. , 2015, , .		2
24	Detection of Static Eccentricities in Axial-Flux Permanent-Magnet Machines With Concentrated Windings Using Vibration Analysis. IEEE Transactions on Industry Applications, 2015, 51, 4425-4434.	4.9	28
25	The detection of interturn short circuit faults in axial-flux permanent magnet machine with concentrated windings. , 2015, , .		4
26	Influence of rotor topologies and cogging torque minimization techniques on axial-flux permanent magnet machine under static eccentricities. , 2015, , .		2
27	Analysis of a Nonintrusive Efficiency Estimation Technique for Induction Machines Compared to the IEEE 112B and IEC 34-2-1 Standards. IEEE Transactions on Industry Applications, 2015, 51, 4541-4553.	4.9	14
28	Autonomous detection of interturn stator faults in induction motors. , 2013, , .		4
29	Development of an HT PEM Fuel Cell Emulator Using a Multiphase Interleaved DC-DC Converter Topology. IEEE Transactions on Power Electronics, 2013, 28, 1120-1131.	7.9	20
30	Emulation of high temperature PEM fuel cell electrical dynamics and operational phenomena. , 2012, , .		0
31	An Algorithm for Nonintrusive In Situ Efficiency Estimation of Induction Machines Operating With Unbalanced Supply Conditions. IEEE Transactions on Industry Applications, 2012, 48, 1890-1900.	4.9	20
32	Cost effective MICRO-CHP sizing. , 2012, , .		0
33	Modeling and emulation of fuel cell flooding behavior. , 2012, , .		1
34	Design and Analysis of an Electromechanical Battery for Rural Electrification in Sub-Saharan Africa. IEEE Transactions on Energy Conversion, 2011, 26, 1198-1209.	5.2	22
35	Analysis of an electromechanical battery for rural electrification in sub-Saharan Africa. , 2010, , .		0
36	Fault Tolerance for Phase Open-circuit and Power Electronic Switch Disconnection in PMBDC Motor by Adding Extra Parts to Inverter. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
37	Fault Tolerance for Phase Open-circuit and Power Electronic Switch Disconnection in PMBDC Motor by Adding Extra Parts to Inverter. , 2006, , .		1