Mohd Faisal Khan

List of Publications by Year
in descending order

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39	322	1163117	1199594
papers	citations	8 h-index	12 g-index

39	39	39	191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of induction machine parameters on its performance as a standalone self excited induction generator. Energy Reports, 2022, 8, 2302-2313.	5.1	8
2	Consideration of Dynamic Cross Saturation in Mathematical Modeling of an Asymmetrical Six-Phase SEIG for Wind Energy Applications. , 2022, , .		1
3	Analysis of a Nine-phase Self Excited Induction Generator Equipped with Optimum Excitation Capacitances. , 2022, , .		0
4	Modeling and Analysis of a Six-Phase Self Excited Induction Generator Feeding Induction Motors. IEEE Transactions on Energy Conversion, 2021, 36, 746-754.	5.2	7
5	Analysis of Considering Dynamic Cross Saturation in Mathematical Model of a Symmetrical Six-Phase Self-Excited Induction Generator. , 2021, , .		0
6	An Alternative Option to Commercial Programmable Logic Controllers. , 2021, , .		1
7	Modelling and Study of SPV Module under Partial Shading Condition with Simulation and Experimental Results. , 2020, , .		2
8	Comparative Performance Study of Five-Phase Induction Motor. , 2019, , .		3
9	D, Q reference frames for the simulation of multiphase (six phase) wound rotor induction generator driven by a wind turbine for disperse generation. IET Electric Power Applications, 2019, 13, 1823-1834.	1.8	12
10	Modelling of Five-Phase Induction Generator Incorporating Magnetic Cross Saturation Effect. , 2019, , .		6
11	Hardware Implementation of Perturb and Observe Maximum Power Point Tracking Algorithm for Solar Photovoltaic System. Transactions on Electrical and Electronic Materials, 2018, 19, 222-229.	1.9	16
12	Modeling, implementation and analysis of a high (six) phase self excited induction generator. Journal of Electrical Systems and Information Technology, 2018, 5, 794-812.	1.7	8
13	Realisation of incremental conductance the MPPT algorithm for a solar photovoltaic system. International Journal of Ambient Energy, 2018, 39, 873-884.	2.5	33
14	Generalized model for investigating the attributes of a six-phase self-excited induction generator over a three-phase variant. International Transactions on Electrical Energy Systems, 2018, 28, e2600.	1.9	11
15	Study on different loading topologies of a six-phase self excited induction generator. Engineering Science and Technology, an International Journal, 2018, 21, 654-663.	3.2	3
16	Analysis of a six-phase self excited induction generator supplying RL load with short shunt connection. , 2016, , .		4
17	A comparative analysis of single-phase self-excited induction generator variants under resonating condition. , 2016, , .		2
18	Performance analysis of a three phase self excited induction generator operating with short shunt and long shunt connections. , 2016, , .		1

#	Article	IF	Citations
19	Selection of optimum excitation capacitance for a high (six) phase self excited induction generator. , 2016, , .		3
20	Analysis of voltage build-up and speed disturbance ride through capability of a self-excited induction generator for renewable energy application. International Journal of Power and Energy Conversion, 2016, 7, 157.	0.3	13
21	Analysis of a three-to-five-phase matrix converter using DTFA. , 2015, , .		3
22	Analysis of three-phase input to five-phase output matrix converter using direct transfer function approach. , 2015, , .		4
23	Evaluation of excitation capacitance for a single-phase two winding self excited induction generator. , 2014, , .		5
24	Fault analysis of wind turbine generator in an isolated network. , 2014, , .		0
25	Voltage control of single-phase two winding self excited induction generator for isolated loads. , 2014, , .		6
26	Self regulating three phase-self excited induction generator for standalone generation. , 2013, , .		8
27	Investigation on resonating behaviour of a self excited induction generator. , 2013, , .		7
28	Performance comparison of single winding and double winding self-excited induction generators. , 2013, , .		2
29	Dynamic analysis of high-phase induction machine. , 2013, , .		1
30	Wind Power Generation in India: Evolution, Trends and Prospects. International Journal of Renewable Energy Development, 2013, 2, 175-186.	2.4	14
31	Three-Phase to Seven-Phase Power Converting Transformer. IEEE Transactions on Energy Conversion, 2012, 27, 757-766.	5.2	32
32	Model reference adaptive system with simple sensorless flux observer for induction motor drive: MRAS with simple sensorless flux observer for induction motor drive. , 2012, , .		0
33	Performance analysis of shunt, short shunt and long shunt self excited induction generator: Analysis of shunt, short shunt and long shunt SEIG. , 2012, , .		6
34	A Novel Three-Phase to Five-Phase Transformation Using a Special Transformer Connection. IEEE Transactions on Power Delivery, 2010, 25, 1637-1644.	4.3	56
35	Sensorless control of a vector controlled three-phase induction motor drive using artificial neural network. , 2010, , .		8
36	Carrier based PWM technique for a novel three-to-seven phase matrix converter. , 2010, , .		10

#	Article	IF	Citations
37	MRAS-based sensorless control of a five-phase induction motor drive with a predictive adaptive model. , 2010, , .		23
38	Digital simulation of variable frequency transformer. , 2010, , .		2
39	Step by Step Approach for Developing Analytical and Experimental Research Facilities of a Three-phase Self Excited Induction Generator. Journal of Energy Systems, 0, , 221-240.	1.5	1