

Tahar Hamiti

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison Between Finite-Element Analysis and Winding Function Theory for Inductances and Torque Calculation of a Synchronous Reluctance Machine. IEEE Transactions on Magnetics, 2007, 43, 3406-3410.	2.1	104
2	Modeling of Different Winding Configurations for Fault-Tolerant Permanent Magnet Machines to Restrain Interturn Short-Circuit Current. IEEE Transactions on Energy Conversion, 2012, 27, 351-361.	5.2	69
3	Analysis of Vertical Strip Wound Fault-Tolerant Permanent Magnet Synchronous Machines. IEEE Transactions on Industrial Electronics, 2014, 61, 1158-1168.	7.9	61
4	Demagnetization Analysis for Halbach Array Configurations in Electrical Machines. IEEE Transactions on Magnetics, 2015, 51, 1-9.	2.1	54
5	High-Speed Solid Rotor Permanent Magnet Machines: Concept and Design. IEEE Transactions on Transportation Electrification, 2016, 2, 391-400.	7.8	53
6	Estimation of Eddy Current Loss in Semi-Closed Slot Vertical Conductor Permanent Magnet Synchronous Machines Considering Eddy Current Reaction Effect. IEEE Transactions on Magnetics, 2013, 49, 5326-5335.	2.1	35
7	Feasibility and electromagnetic design of direct drive wheel actuator for green taxiing. , 2011, , .		31
8	Impact of Slot/Pole Combination on Inter-Turn Short-Circuit Current in Fault-Tolerant Permanent Magnet Machines. IEEE Transactions on Magnetics, 2016, 52, 1-9.	2.1	30
9	Modeling of a synchronous reluctance machine accounting for space harmonics in view of torque ripple minimization. Mathematics and Computers in Simulation, 2010, 81, 354-366.	4.4	26
10	Turn- turn short circuit fault management in permanent magnet machines. IET Electric Power Applications, 2015, 9, 634-641.	1.8	26
11	Comparative design analysis of Permanent Magnet rotor topologies for an aircraft starter-generator. , 2014, , .		17
12	A Simple and Efficient Tool for Design Analysis of Synchronous Reluctance Motor. IEEE Transactions on Magnetics, 2008, 44, 4648-4652.	2.1	16
13	Non-linear circuit based model of permanent magnet synchronous machine under inter-turn fault: a simple approach based on healthy machine data. IET Electric Power Applications, 2016, 10, 560-570.	1.8	16
14	Weight optimisation of a surface mount permanent magnet synchronous motor using genetic algorithms and a combined electromagnetic-thermal co-simulation environment. , 2011, , .		13
15	Fault tolerant winding design — A compromise between losses and fault tolerant capability. , 2012, , .		13
16	A review on turn-turn short circuit fault management. , 2015, , .		11
17	Winding concepts for ultra reliable electrical machines. , 2014, , .		4
18	Solid rotor interior permanent magnet machines for high speed applications. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Modeling and analysis of eddy current losses in permanent magnet machines with multi-stranded bundle conductors. Mathematics and Computers in Simulation, 2016, 130, 48-56.	4.4	3
20	Fast computing tool for performance evaluation in Interior Permanent Magnet machines. , 2014, , .		1