

Bert Hannon

List of Publications by Year in descending order

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1163117

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docs citations

12
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	2-D Analytical Subdomain Model of a Slotted PMSM With Shielding Cylinder. IEEE Transactions on Magnetics, 2014, 50, 1-10.	2.1	47
2	Two-Dimensional Fourier-Based Modeling of Electric Machines—An Overview. IEEE Transactions on Magnetics, 2019, 55, 1-17.	2.1	29
3	Time- and Spatial-Harmonic Content in Synchronous Electrical Machines. IEEE Transactions on Magnetics, 2016, , 1-1.	2.1	24
4	Evaluation of the Rotor Eddy-Current Losses in High-Speed PMSMs With a Shielding Cylinder for Different Stator Sources. IEEE Transactions on Magnetics, 2019, 55, 1-10.	2.1	17
5	Comparison of Three Analytical Methods for the Precise Calculation of Cogging Torque and Torque Ripple in Axial Flux PM Machines. Mathematical Problems in Engineering, 2016, 2016, 1-14.	1.1	16
6	Computational-Time Reduction of Fourier-Based Analytical Models. IEEE Transactions on Energy Conversion, 2018, 33, 281-289.	5.2	11
7	Torque and torque components in high-speed permanent-magnet synchronous machines with a shielding cylinder. Mathematics and Computers in Simulation, 2016, 130, 70-80.	4.4	9
8	Study of the Effect of a Shielding Cylinder on the Torque in a Permanent-Magnet Synchronous Machine Considering Two Torque-Producing Mechanisms. IEEE Transactions on Magnetics, 2017, 53, 1-8.	2.1	9
9	Voltage Sources in 2D Fourier-Based Analytical Models of Electric Machines. Mathematical Problems in Engineering, 2015, 2015, 1-8.	1.1	4
10	Evaluation of the Torque in High-Speed PMSMs With a Shielding Cylinder and BLDC Control. IEEE Transactions on Magnetics, 2018, 54, 1-8.	2.1	4
11	Time- and spatial-harmonic content in electrical machines and its application in Fourier-based models. , 2016, , .		1
12	Evaluation of the Rotor Eddy-Currents in High-Speed PMSMs with a Shielding Cylinder. , 2018, , .		1