

Ankit Dalal

List of Publications by Year in descending order

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12
papers

185
citations

1478505

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docs citations

12
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Computation of Mutual Inductance of Two Air Core Square Coils with Lateral and Angular Misalignments in a Flat Planar Surface. IEEE Transactions on Magnetics, 2014, 50, 1-9.	2.1	53
2	Design, Prototyping, and Testing of a Dual-Rotor Motor for Electric Vehicle Application. IEEE Transactions on Industrial Electronics, 2018, 65, 7185-7192.	7.9	32
3	Analytical Model for Permanent Magnet Motor With Slotting Effect, Armature Reaction, and Ferromagnetic Material Property. IEEE Transactions on Magnetics, 2015, 51, 1-10.	2.1	19
4	Identification of three phase induction machines equivalent circuits parameters using multi-objective genetic algorithms. , 2014, , .		17
5	Efficiency investigation for electric vehicle powertrain with variable DC-link bus voltage. , 2016, , .		16
6	2-D Analytical Subdomain Model for Hybrid Dual-Rotor Motor. IEEE Transactions on Magnetics, 2016, 52, 1-9.	2.1	13
7	A Novel Steady-State Model of a Hybrid Dual Rotor Motor Comprising Electrical Equivalent Circuit and Performance Equations. IEEE Transactions on Magnetics, 2014, 50, 1-11.	2.1	11
8	Prediction of high frequency core loss for electrical steel using the data provided by manufacturer. Journal of Magnetism and Magnetic Materials, 2016, 410, 248-256.	2.3	9
9	Analytical model of a permanent magnet brushless DC motor with non-linear ferromagnetic material. , 2014, , .		5
10	Analytical determination of slot harmonics content of air-gap magnetic field for an induction machine. , 2015, , .		5
11	A Method for Determining Nonlinear Inductances of Electrical Equivalent Circuit for Three-Phase Induction Motor. Electric Power Components and Systems, 2018, 46, 379-390.	1.8	4
12	A general relation between supply harmonics and reactive power of an induction motor. , 2016, , .		1