

Ravi Sundaria

List of Publications by Year in descending order

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13
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126
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed-Order Finite-Element Modeling of Magnetic Material Degradation Due to Cutting. IEEE Transactions on Magnetics, 2018, 54, 1-8.	1.2	20
2	Effect of Laser Cutting on Core Losses in Electrical Machinesâ€™ Measurements and Modeling. IEEE Transactions on Industrial Electronics, 2020, 67, 7354-7363.	5.2	19
3	Effects of Manufacturing Processes on Core Losses of Electrical Machines. IEEE Transactions on Energy Conversion, 2021, 36, 197-206.	3.7	16
4	Effect of Punching the Electrical Sheets on Optimal Design of a Permanent Magnet Synchronous Motor. IEEE Transactions on Magnetics, 2018, 54, 1-4.	1.2	15
5	Higher-order finite element modeling of material degradation due to cutting. , 2017, , .		13
6	Effect of Different Cutting Techniques on Magnetic Properties of Grain Oriented Steel Sheets and Axial Flux Machines. , 2019, , .		11
7	Finite-Element Modeling of Magnetic Properties Degradation Due to Plastic Deformation. IEEE Transactions on Magnetics, 2020, 56, 1-4.	1.2	10
8	Combined Model for Simulating the Effect of Transients on a Damaged Rotor Cage. IEEE Transactions on Industry Applications, 2017, 53, 3528-3537.	3.3	8
9	Loss Model for the Effects of Steel Cutting in Electrical Machines. , 2018, , .		7
10	Effects of stator core welding on an induction machine â€™ Measurements and modeling. Journal of Magnetism and Magnetic Materials, 2020, 499, 166280.	1.0	7
11	Combined model for simulating the effect of a heavy transient on a damaged rotor cage. , 2016, , .		4
12	Simulation of an Induction Motorâ€™s Rotor After Connection. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	3
13	Simulation of an induction motor's rotor after connection. , 2016, , .		0