

Lode Vandenbossche

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

231
citations

1478505

6
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the Local Material Degradation Near Cutting Edges of Electrical Steel Sheets. IEEE Transactions on Magnetics, 2008, 44, 3173-3176.	2.1	60
2	Impact of cut edges on magnetization curves and iron losses in e-machines for automotive traction. World Electric Vehicle Journal, 2010, 4, 587-596.	3.0	40
3	Iron loss modelling which includes the impact of punching, applied to high-efficiency induction machines. , 2013, , .		32
4	Local Identification of Magnetic Hysteresis Properties Near Cutting Edges of Electrical Steel Sheets. IEEE Transactions on Magnetics, 2008, 44, 1010-1013.	2.1	31
5	Influence of the Electrical Steel Grade on the Performance of the Direct-Drive and Single Stage Gearbox Permanent-Magnet Machine for Wind Energy Generation, Based on an Analytical Model. IEEE Transactions on Magnetics, 2011, 47, 4781-4790.	2.1	18
6	The Effect of the Electrical Steel Properties on the Temperature Distribution in Direct-Drive PM Synchronous Generators for 5 MW Wind Turbines. IEEE Transactions on Magnetics, 2013, 49, 5371-5377.	2.1	15
7	Magneto-optical and field-metric evaluation of the punching effect on magnetic properties of electrical steels with varying alloying content and grain size. , 2014, , .		15
8	Energy considerations in a micromagnetic hysteresis model and the Preisach model. Journal of Applied Physics, 2010, 108, 103902.	2.5	8
9	Numerical Model for the Drag Force Method to Evaluate Hysteresis Loss. IEEE Transactions on Magnetics, 2008, 44, 842-845.	2.1	5
10	Magnetic Nondestructive Evaluation of Bending Fatigue Damage Using the Drag Force Method. IEEE Transactions on Magnetics, 2007, 43, 2746-2748.	2.1	3
11	Improved calculation of iron losses in large salient-pole synchronous hydro-generators. , 2016, , .		3
12	Magnetic network model including loss separation and Preisach principles for the evaluation of core losses in devices. Journal of Applied Physics, 2005, 97, 10E515.	2.5	1
13	Optimization of multilayered nonlinear crystalline alloys for shielding. Journal of Applied Physics, 2005, 97, 10F904.	2.5	0
14	Application of a Preisach-type hysteresis model to the magnetic evaluation of material degradation. International Journal of Applied Electromagnetics and Mechanics, 2007, 25, 363-368.	0.6	0