Jean Vianei Leite

List of Publications by Year
in descending order

22 papers	**266** citations	933447 **10** h-index	940533 **16** g-index
22 all docs	**22** docs citations	**22** times ranked	**285** citing authors

#	Article	IF	Citations
1	A New Method for Iron Loss Separation. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2021, 20, 763-776.	0.7	0
2	Comparison and Combination of Techniques for Determining the Parameters of a Magnetic Hysteresis Model. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2019, 18, 408-426.	0.7	3
3	A novel multiobjective lognormal-beta differential evolution approach for the transformer design optimization. Engineering Computations, 2018, 35, 955-978.	1.4	7
4	Ant Lion Approach Based on Lozi Map for Multiobjective Transformer Design Optimization. , 2018, , .		5
5	Spiral inductor design based on fireworks optimization combined with free search. , 2018, , .		3
6	Multiobjective lightining search applied to Jiles-Atherton hysteresis model parameter estimation. , 2018, , .		1
7	A Vector Jilesâ€"Atherton Model for Improving the FEM Convergence. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	14
8	Harmony Search Approach Based on Ricker Map for Multi-Objective Transformer Design Optimization. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	13
9	Bat-inspired optimization approach applied to jiles-atherton hysteresis parameters tuning. , 2014, , .		1
10	Modeling of Transformer Core Joints via a Subproblem FEM and a Homogenization Technique. IEEE Transactions on Magnetics, 2014, 50, 1009-1012.	2.1	10
11	A Differential Permeability 3-D Formulation for Anisotropic Vector Hysteresis Analysis. IEEE Transactions on Magnetics, 2014, 50, 341-344.	2.1	13
12	Novel Gamma Differential Evolution Approach for Multiobjective Transformer Design Optimization. IEEE Transactions on Magnetics, 2013, 49, 2121-2124.	2.1	35
13	Multiobjective Cuckoo Search Algorithm Based on Duffing's Oscillator Applied to Jiles-Atherton Vector Hysteresis Parameters Estimation. IEEE Transactions on Magnetics, 2013, 49, 1745-1748.	2.1	41
14	Hysteresis parameters estimation using a modified harmony search. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2013, 32, 1974-1985.	0.9	3
15	Solution of Jilesâ€"Atherton vector hysteresis parameters estimation by modified Differential Evolution approaches. Expert Systems With Applications, 2012, 39, 2021-2025.	7.6	32
16	Modelling Dynamic Losses Under Rotational Magnetic Flux. IEEE Transactions on Magnetics, 2012, 48, 895-898.	2.1	14
17	Transformer Inrush Currents Taking Into Account Vector Hysteresis. IEEE Transactions on Magnetics, 2010, 46, 3237-3240.	2.1	21
18	Three-Phase Transformer Modeling Using a Vector Hysteresis Model and Including the Eddy Current and the Anomalous Losses. IEEE Transactions on Magnetics, 2010, 46, 3201-3204.	2.1	26

#	Article	IF	Citations
19	Differential evolution approaches applied to the Jiles-Atherton vector hysteresis parameters estimation. , 2010, , .		0
20	Implementation of an Anisotropic Vector Hysteresis Model in a 3-D Finite-Element Code. IEEE Transactions on Magnetics, 2008, 44, 918-921.	2.1	10
21	Implementation of a vector hysteresis model in 2D finite element analysis: Study of a RSST with anisotropic sample. International Journal of Applied Electromagnetics and Mechanics, 2008, 28, 41-47.	0.6	5
22	Modeling Magnetic Vector Hysteresis With Play Hysterons. IEEE Transactions on Magnetics, 2007, 43, 1401-1404.	2.1	9