

Mladen Trlep

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6909822/publications.pdf>

Version: 2024-02-01

16
papers

109
citations

1684188

5
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing of a Soil Model Using the Finite Element Method for Simulation of Soil Resistivity Measurement. IEEE Transactions on Magnetics, 2021, 57, 1-4.	2.1	2
2	Energy Based Calculation of the Second-Order Levitation in Magnetic Fluid. Mathematics, 2021, 9, 2507.	2.2	3
3	The Use of Evolutionary Methods for the Determination of a DC Motor and Drive Parameters Based on the Current and Angular Speed Response. Mathematics, 2020, 8, 1269.	2.2	10
4	Determination of a Hysteresis Model Parameters with the Use of Different Evolutionary Methods for an Innovative Hysteresis Model. Mathematics, 2020, 8, 201.	2.2	14
5	Numerical Model for Determining the Magnetic Loss of Magnetic Fluids. Materials, 2019, 12, 591.	2.9	6
6	Nonlinear Transient Finite Element Analysis Of Grounding Systems. , 2019, , .		1
7	Magnetic Fluids's Heating Power Exposed to a High-Frequency Rotating Magnetic Field. Advances in Materials Science and Engineering, 2018, 2018, 1-7.	1.8	12
8	Characterisation of crack's dimensions using eddy current field measurement. Nondestructive Testing and Evaluation, 2013, 28, 181-193.	2.1	1
9	Transient Calculation of Electromagnetic Field for Grounding System Based on Consideration of Displacement Current. IEEE Transactions on Magnetics, 2012, 48, 207-210.	2.1	5
10	Dynamic emulation of mechanical loads — position control approach. , 2010, , .		5
11	Application of the finite element method for the analysis of the grounding grid implying the finite line elements. , 2010, , .		0
12	Flashover Condition for a Special Three-Electrode Spark Gap Design. IEEE Transactions on Power Delivery, 2010, 25, 500-507.	4.3	4
13	Design and Finite-Element Analysis of Interior Permanent Magnet Synchronous Motor With Flux Barriers. IEEE Transactions on Magnetics, 2008, 44, 4389-4392.	2.1	31
14	Use of dynamic emulation of mechanical loads in the testing of electrical vehicle driveline control algorithms. , 2007, , .		8
15	The Influence of an Additional Substance in the Trenches Surrounding the Grounding Grid's Conductors on the Grounding Grid's Performance. IEEE Transactions on Magnetics, 2007, 43, 1257-1260.	2.1	7
16	Determination of a Crack's Dimensions on the Basis of the Non-Destructive Testing with Eddy Currents Using Metaheuristics. , 0, , .		0