

Christian A Magele

List of Publications by Year in descending order

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16
papers

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1478505

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18
docs citations

18
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Magnetic Flux Leakage Signal Inversion for the Reconstruction of Arbitrary Defect Profiles in Steel Using Finite Elements. IEEE Transactions on Magnetics, 2013, 49, 506-516.	2.1	63
2	Multi-Objective Optimization of Yagi-Uda Antenna Applying Enhanced Firefly Algorithm With Adaptive Cost Function. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	36
3	Niching Evolution Strategies for Simultaneously Finding Global and Pareto Optimal Solutions. IEEE Transactions on Magnetics, 2010, 46, 2743-2746.	2.1	13
4	Multi-Objective Synthesis of NFC-Transponder Systems Based on PEEC Method. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	11
5	Numerical Simulation of Conductivity Changes in the Human Thorax Caused by Aortic Dissection. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	8
6	Error Evaluation of Surface Impedance Boundary Conditions With Magnetic Vector Potential Formulation on a Cylindrical Test Problem. IEEE Transactions on Magnetics, 2008, 44, 734-737.	2.1	7
7	PEEC-Based Multi-Objective Synthesis of Non-Uniformly Spaced Linear Antenna Arrays. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	6
8	Synthesis of NFC antenna structure under multi-card condition. , 2018, , .		3
9	Multi-objective optimization of shielding devices for eddy-currents using niching evolution strategies. International Journal of Applied Electromagnetics and Mechanics, 2009, 30, 135-149.	0.6	1
10	Thin Layer Transition Matrix Description Applied to the Finite-Element Method. IEEE Transactions on Magnetics, 2009, 45, 1638-1641.	2.1	1
11	Combined electro-thermal analysis of Li-ion batteries applying the finite element method. International Journal of Applied Electromagnetics and Mechanics, 2012, 39, 665-669.	0.6	1
12	PEEC-based multi-objective synthesis of non-uniformly spaced linear antenna arrays. , 2016, , .		1
13	Sparse grid of metal strips description implemented into finite element formulation. , 2016, , .		0
14	Sparse Grid of Metal Strips Description Implemented Into Finite-Element Formulation. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	0
15	Parametrisation of a Maxwell model for transient tyre forces by means of an extended firefly algorithm. Advances in Mechanical Engineering, 2017, 9, 168781401668123.	1.6	0
16	PEEC-based multi-objective synthesis of NFC antennas in the presence of conductive structures. , 2018, , .		0