

Youpeng Huangfu

List of Publications by Year in descending order

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docs citations

23
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280
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Deformation Analysis of Power Transformer Windings in Short-Circuit Fault by FEM. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.7	86
2	Transient Performance Analysis of Induction Motor Using Field-Circuit Coupled Finite-Element Method. IEEE Transactions on Magnetics, 2014, 50, 873-876.	2.1	38
3	Geometry and Power Optimization of Coilgun Based on Adaptive Genetic Algorithms. IEEE Transactions on Plasma Science, 2015, 43, 1208-1214.	1.3	24
4	Optimum Design of Rotor for High-Speed Switched Reluctance Motor Using Level Set Method. IEEE Transactions on Magnetics, 2014, 50, 765-768.	2.1	22
5	Modeling and Insulation Performance Analysis of Composite Transmission Line Tower Under Lightning Overvoltage. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	14
6	Transient Lightning Impulse Performance Analysis for Composite Transmission Line Tower. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 1103-1111.	2.2	12
7	Frequency-Dependent Multi-Conductor Transmission Line Model for Shielded Power Cables Considering Geometrical Dissymmetry. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	12
8	Radiated EMI Modeling and Performance Analysis of a PWM PMSM Drive System Based on Field-Circuit Coupled FEM. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	9
9	Electromagnetic-Thermal-Deformed-Fluid-Coupled Simulation for Levitation Melting of Titanium. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	7
10	FDTD Formulation Based on High-Order Surface Impedance Boundary Conditions for Frequency-Dependent Lossy Multi-Conductor Transmission Lines. IEEE Transactions on Magnetics, 2020, 56, 1-4.	2.1	5
11	Extended Finite-Element Method for Electric Field Analysis of Insulating Plate With Crack. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	4
12	Conducted EMI simulation for a high power Ultra-precision PMSM driven by PWM converter. , 2016, , .		3
13	A Node-to-Node Admittance Functions Implementation of an Improved Frequency Dependent Multiconductor Transmission Line Model. IEEE Access, 2021, 9, 129560-129570.	4.2	3
14	Simulation and analysis for power frequency electric field of building close to power transmission lines. , 2014, , .		2
15	FDTD Formulation Based on High-Order Surface Impedance Boundary Conditions for Lossy Two-Conductor Transmission Lines. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 194-203.	2.2	2
16	BEM Computation of the Internal Impedance of Air-Core Inductors Enforcing High-Order Surface Impedance Boundary Conditions. IEEE Transactions on Magnetics, 2021, 57, 1-4.	2.1	2
17	Multi-level and multi-objective optimization of coilgun considering temperature rise. , 2014, , .		1
18	Surge voltage and environmental electromagnetic field analysis for HV composite transmission tower under lightning strokes. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Radiated EMI simulation for high-power ultra-precision PMSM system driven by PWM converter. , 2016, , .		1
20	Boundary Element Formulation Enforcing High-Order Surface Impedance Boundary Conditions for Axisymmetric Eddy Current Problems. IEEE Transactions on Magnetics, 2021, 57, 1-9.	2.1	1
21	Efficient BEM Computation of the Impedance of Axisymmetric Air-Core Inductors. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 585-589.	2.2	1
22	Macro-modeling and passivity enforcement for PMSM winding. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2017, 36, 1729-1738.	0.9	0
23	Inclusion of frequency dependences into prediction model of conducted electromagnetic emissions for a VFD motor system. International Journal of Applied Electromagnetics and Mechanics, 2021, 67, 313-325.	0.6	0