

Eugeniusz Cz Kurgan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

65
citations

2258059

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h-index

2053705

5
g-index

17
all docs

17
docs citations

17
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooling effects inside water-cooled inductors for magnetic fluid hyperthermia. , 2017, , .		13
2	Simulation of the electromagnetic field and temperature distribution in human tissue in RF hyperthermia. Przegląd Elektrotechniczny, 2015, 1, 171-174.	0.2	12
3	Numerical analysis on cathodic protection of underground structures. , 2016, , .		7
4	Analysis of electromagnetic heating in magnetic fluid deep hyperthermia. , 2016, , .		7
5	Magnetophoretic placement of ferromagnetic nanoparticles in RF hyperthermia. , 2017, , .		5
6	Comparative analysis between the 2D and 3D models of interstitial microwave hyperthermia. , 2016, , .		4
7	Evaluation of Thermal Damage of Hepatic Tissue During Thermotherapy based on the Arrhenius Model. , 2018, , .		4
8	A boundary element solution of the inhomogeneous magnetostatic problems. Applied Numerical Mathematics, 1998, 28, 343-358.	2.1	3
9	Simulation of the electromagnetic field and temperature distribution in magnetic nanoparticles hyperthermia. , 2016, , .		3
10	Mutual Forces Acting on Chains of Particles. Lecture Notes in Electrical Engineering, 2018, , 355-365.	0.4	3
11	Energy absorption by ferromagnetic nanoparticles in hyperthermia therapy. Archiwum Elektrotechniki, 2012, 61, 597-608.	0.5	2
12	Methods of Calculation the Magnetic Forces Acting on Particles in Magnetic Fluids. , 2018, , .		1
13	Mathematical Model of Gas Transport in Anisotropic Porous Electrode of the PEM Fuel Cell. Lecture Notes in Computer Science, 2004, , 244-251.	1.3	1
14	Analysis of magnetostatic field for some class of inhomogeneous problems by BEM. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2001, 20, 348-356.	0.9	0
15	Distribution of the potential and current density in the electrode of the PEM fuel cell. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2006, 25, 207-219.	0.9	0
16	Distribution of the protons flow in electrolyte of the PEM fuel cell. , 2017, , .		0
17	Numerical Simulation of Anisotropic Shielding of Weak Magnetic Fields. Lecture Notes in Computer Science, 2004, , 252-259.	1.3	0