

Alexey O Glebov

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	OPTIMIZATION OF DESIGN AND PERFORMANCE CHARACTERISTICS OF HEATING SYSTEM OF PRESS EQUIPMENT. American Journal of Applied Sciences, 2014, 11, 939-946.	0.2	10
2	Modeling the Induction Heating of Press Equipment in an Automatic-Temperature-Control Mode. Journal of Engineering Physics and Thermophysics, 2019, 92, 1130-1141.	0.6	7
3	A comparison of modeling techniques for temperature fields of inductive heating plates. Automation and Remote Control, 2014, 75, 1120-1129.	0.8	6
4	Nonlinear displacement-based and hybrid-mixed quadrilaterals for three-dimensional stress analysis through sampling surfaces formulation. Thin-Walled Structures, 2020, 155, 106918.	5.3	6
5	Assessment of nonlinear exact geometry sampling surfaces solid-shell elements and ANSYS solid elements for 3D stress analysis of piezoelectric shell structures. International Journal for Numerical Methods in Engineering, 2020, 121, 3795-3823.	2.8	6
6	Modeling of Three-Dimensional Fields of Eddy Currents during Induction Heating of Process Equipment. Russian Electrical Engineering, 2018, 89, 204-209.	0.6	4
7	Vulcanizing Hydraulic Press Heating System for Tempering Metal and Alloy Objects. Chemical and Petroleum Engineering (English Translation of Khimicheskoe i Neftyanoe Mashinostroenie), 2017, 53, 369-377.	0.3	3
8	Calculation of equivalent magnetic permeability of ferromagnetic materials for modeling of three-dimensional eddy current fields. MATEC Web of Conferences, 2017, 129, 02006.	0.2	3
9	Efficiency Comparison of Topology Optimization Methods on the Example of Column Press Upper Beam. Chemical and Petroleum Engineering (English Translation of Khimicheskoe i Neftyanoe Mashinostroenie), 2017, 53, 369-377.	0.3	3
10	Column press design optimization on the basis of stress-strain state's mathematical modeling. MATEC Web of Conferences, 2018, 224, 04015.	0.2	2
11	Comparison of topological optimization methods on the example of column press traverse. IOP Conference Series: Materials Science and Engineering, 2020, 709, 022027.	0.6	2
12	FINITE-ELEMENT ANALYSIS OF INDUCTION HEATING DEVICES DURING PID-CONTROL STAGE. , 2018, , .		2
13	Estimating the Efficiency of the Heating Plates of Presses Used in the Fabrication of Rubber-Mechanical Products. Chemical and Petroleum Engineering (English Translation of Khimicheskoe i Neftyanoe Mashinostroenie), 2017, 53, 369-377.	0.3	3
14	Plates in hydraulic presses with ohmic heaters. Russian Engineering Research, 2016, 36, 708-712.	0.6	1
15	Analysis of Magnetization Curve Approximations for Nonlinear Calculation of an Eddy-Current Field. Russian Electrical Engineering, 2019, 90, 332-337.	0.6	1
16	An Application of Magnetization Curve Approximations for Calculation of Eddy Current Fields in Ferromagnetic Materials. Materials Today: Proceedings, 2019, 11, 317-324.	1.8	1
17	Perspectives for organization of internal porous structure of loaded elements of optimal topology. IOP Conference Series: Materials Science and Engineering, 2020, 709, 022028.	0.6	1
18	Method for Determining the Parameters of Heating Systems for Hydraulic Presses. Chemical and Petroleum Engineering (English Translation of Khimicheskoe i Neftyanoe Mashinostroenie), 2021, 56, 744-754.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Mathematical Modeling of Nonstationary Heat Processes of Thermal Treatment of Metal Products with Enhanced Hardness. Advanced Materials & Technologies, 2017, , 056-064.	0.2	1
20	A NEW MOBILE WIRELESS IMITATOR OF MINE INSULATING SELF-RESCUER. , 2018, , .		1
21	A Method for Topology Optimization Results Estimation Based on the Analysis of Raster Images of the Material Distribution. Scientific Visualization, 2019, 11, .	0.4	1
22	Modeling of induction heating equipment for the vulcanization process. MATEC Web of Conferences, 2017, 129, 01007.	0.2	0
23	COMPARING OF APPROXIMATIONS OF MAGNETIZATION CURVES FOR NUMERICAL MODELING OF EDDY CURRENTS FIELDS. , 2017, , .		0
24	DEVELOPMENT AND VALIDATION OF A NEW CONSTRUCTION OF IMITATOR OF MINE INSULATING SELF-RESCUER. , 2017, , .		0
25	Designing Spiral Electrical Heaters of Industrial Hydraulic Press Plates. International Journal on Energy Conversion, 2019, 7, 188.	0.1	0