

Yuriy D Varlamov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

50
citations

1937685

4
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	Interrelation of anode and cathode processes in electrochemical carbon oxidation in a fuel cell with molten carbonate electrolyte. <i>Journal of Engineering Thermophysics</i> , 2012, 21, 16-27.	1.4	1
2	Effect of Dissolved Gases on the Evolution of a Vapor Cavity Formed During Explosive Evaporation. <i>Nanoscale and Microscale Thermophysical Engineering</i> , 2011, 15, 71-80.	2.6	2
3	Specific characteristics of molten carbonate fuel cell in realization of electrochemical coal oxidation. <i>Russian Journal of Electrochemistry</i> , 2010, 46, 871-876.	0.9	3
4	Solid hydrocarbon conversion in a fuel cell with molten carbonate electrolyte. <i>Journal of Engineering Thermophysics</i> , 2009, 18, 93-98.	1.4	6
5	Direct conversion of solid hydrocarbons in a molten carbonate fuel cell. <i>Thermophysics and Aeromechanics</i> , 2009, 16, 601-610.	0.5	12
6	Fuel elements with direct electrochemical oxidation of coal. <i>Doklady Physics</i> , 2009, 54, 281-284.	0.7	3
7	Microdroplet absorption by two-layer porous media. <i>Journal of Applied Mechanics and Technical Physics</i> , 2007, 48, 101-108.	0.5	4
8	Specific features of explosive boiling of liquids on a film microheater. <i>Journal of Applied Mechanics and Technical Physics</i> , 2007, 48, 213-220.	0.5	12
9	Evolution of a vapor cavity during explosive boiling on a film microheater: Experiment and numerical simulation. <i>Journal of Applied Mechanics and Technical Physics</i> , 2007, 48, 534-541.	0.5	5
10	Growth distinctions of $\text{GdBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films on (101 $\bar{1}$,2) sapphire. <i>Applied Surface Science</i> , 1998, 126, 136-140.	6.1	0
11	Study of the oxygen exchange process in $\text{La}_{1-x}\text{Sr}_x\text{Cu}_y\text{O}$ films at oxidation-reduction surface reactions. <i>Sensors and Actuators B: Chemical</i> , 1996, 31, 119-122.	7.8	1
12	Polarization dependence of EXAFS and XANES spectra of superconducting films on the basis of Y-Ba-Cu-O. <i>Bulletin of Materials Science</i> , 1991, 14, 865-869.	1.7	1