

Andrey Zhuk

List of Publications by Year in descending order

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14
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80
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen and aluminum-hydrogen storage in the power industry. <i>ÄnergetiÄeskaÄc Politika</i> , 2021, , 64-79.	0.3	1
2	Assessment of competitiveness of the "green" hydrogen technologies: "green" aluminum and electrolysis of water. <i>Vestnik ObÄedinennogo Instituta Vysokih Temperatur</i> , 2021, 6, 21-26.	0.0	0
3	Optimization of the methanol synthesis from the gasification products of moist biomass. <i>Vestnik ObÄedinennogo Instituta Vysokih Temperatur</i> , 2021, 6, 16-20.	0.0	0
4	An approach to the modeling of the aluminum-water reaction. <i>Vestnik ObÄedinennogo Instituta Vysokih Temperatur</i> , 2021, 6, 11-15.	0.0	0
5	Partial oxidation of aluminum powder for obtaining a controlled amount of aluminum oxide on the surface of aluminum. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 168, 012021.	0.3	2
6	Comparative analysis of the electric vehicles ownership cost according to types of their power units. <i>Vestnik ObÄedinennogo Instituta Vysokih Temperatur</i> , 2018, 1, 115-120.	0.0	0
7	Cleaning of micro-porous aluminium oxide of ferrous impurity by means of high temperature evaporation into vacuum. <i>Vestnik ObÄedinennogo Instituta Vysokih Temperatur</i> , 2018, 1, 61-68.	0.0	0
8	Hybrid energy storage system based on supercapacitors and Li-ion batteries. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 543-550.	2.9	8
9	2W power source based on air"hydrogen polymer electrolyte membrane fuel cells and water"aluminum hydrogen micro-generator. <i>Journal of Power Sources</i> , 2008, 185, 967-972.	7.8	33
10	Equation of state and physical"chemical transformations of C60 fullerite at high pressures and temperatures. <i>Diamond and Related Materials</i> , 2007, 16, 1204-1207.	3.9	7
11	Shock compressibility and shock-induced phase transitions of C60 fullerite. <i>Diamond and Related Materials</i> , 2005, 14, 1920-1923.	3.9	15
12	Shock-wave Carbyne synthesis from graphite. <i>Doklady Physics</i> , 2000, 45, 14-17.	0.7	5
13	Shock metamorphism of the graphite quasimonocrystal. <i>High Pressure Research</i> , 1997, 15, 245-254.	1.2	6
14	Shock-induced transformations of carbyne. <i>Journal of Applied Physics</i> , 1996, 80, 3757-3759.	2.5	10