

Alena A Chernova

List of Publications by Year in descending order

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14
papers

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citations

2258059

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2272923

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14
all docs

14
docs citations

14
times ranked

11
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of vortex structures in channels with mass injection and their interaction with surfaces in solid-fuel rocket engines. Thermophysics and Aeromechanics, 2015, 22, 185-190.	0.5	5
2	Simulation of a liquid drop on a vibrating hydrophobic surface. IOP Conference Series: Materials Science and Engineering, 2016, 158, 012026.	0.6	3
3	Features of heat transfer in a pre-nozzle volume of a solid-propellant rocket motor with charges of complex shapes. Thermophysics and Aeromechanics, 2018, 25, 265-272.	0.5	3
4	Numerical Simulation of Intrachamber Processes in the Power Plant. Applied Sciences (Switzerland), 2021, 11, 4990.	2.5	3
5	Multilevel Simulation of Direct Operated Safety Valve. , 2018, , .		1
6	Influence of recessing nozzle extent on a process of heat exchange in the combustion chamber of a solid fuel rocket engine. Journal of Physics: Conference Series, 2020, 1677, 012035.	0.4	1
7	THEORETICAL RESEARCH OF THE INTERNAL GAS DYNAMICS PROCESSES OF MEASUREMENTS OF HOT AIR CURTAIN WITH CROSS-FLOW FAN. MM Science Journal, 2020, 2020, 3966-3972.	0.4	1
8	Generation and development of surface waves on the interface boundary of viscous fluid oscillating drop. MATEC Web of Conferences, 2017, 115, 05020.	0.2	0
9	Application of the gas ejector for water-alternated-gas injection for heterogeneous oil carbonate formations. AIP Conference Proceedings, 2018, , .	0.4	0
10	Numerical investigation of cooling down and aerodynamic resistance processes in ribbed tubular elements. , 2020, , .		0
11	NUMERICAL SIMULATION OF UNSTABLE MODES FOR A SAFETY VALVE. Vestnik Tomskogo Gosudarstvennogo Universiteta, Matematika I Mekhanika, 2020, , 141-157.	0.3	0
12	Heat transfer in a rocket engine combustion chamber while geometry changing of the channel-slot solid fuel charge. , 2020, , 5-5.		0
13	Heat load of bimetallic ribbed tube. Proceedings of the Institute for System Programming of RAS, 2021, 33, 281-292.	0.1	0
14	Heat load of bimetallic ribbed tube. Proceedings of the Institute for System Programming of RAS, 2021, 33, 271-282.	0.1	0