

Aleksey Chulyunin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of the Anomalous Intensification of a Separate Flow and Heat Transfer in a Stabilized Section of a Narrow Channel with Single-Row, Inclined, Oval-Trench Dimples with the Use of Various Grids and Turbulence Models. <i>High Temperature</i> , 2021, 59, 106-114.	1.0	10
2	Metastable Separated Structures in Turbulent Flow around Circular and Oval Dimples. <i>Technical Physics Letters</i> , 2019, 45, 894-897.	0.7	3
3	Numerical simulation and experiments on turbulent air flow around the semi-circular profile at zero angle of attack and moderate Reynolds number. <i>Computers and Fluids</i> , 2019, 188, 1-17.	2.5	15
4	Ensuring safe descend of reusable rocket stages – Numerical simulation and experiments on subsonic turbulent air flow around a semi-circular cylinder at zero angle of attack and moderate Reynolds number. <i>Acta Astronautica</i> , 2018, 150, 117-136.	3.2	12
5	Transport of inertial particles in a turbulent flow around spherical dimples. <i>Doklady Physics</i> , 2017, 62, 208-212.	0.7	1
6	Numerical study of the gas flow in nozzles and supersonic jets for different values of specific heats. <i>Journal of Physics: Conference Series</i> , 2015, 653, 012068.	0.4	2