

Andrey Teimurazov

List of Publications by Year in descending order

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16
papers

190
citations

1162367

8
h-index

1058022

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16
all docs

16
docs citations

16
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Numerical Simulation of Homogeneous Isotropic Helical Turbulence with the TARANG Code. Journal of Applied Mechanics and Technical Physics, 2018, 59, 1279-1287.	0.1	48
2	The influence of the cell inclination on the heat transport and large-scale circulation in liquid metal convection. Journal of Fluid Mechanics, 2020, 884, .	1.4	29
3	Thermal convection of liquid metal in a long inclined cylinder. Physical Review Fluids, 2017, 2, .	1.0	21
4	Horizontal rolls in convective flow above a partially heated surface. European Physical Journal B, 2012, 85, 1.	0.6	16
5	Thermal convection of liquid metal in the titanium reduction reactor. IOP Conference Series: Materials Science and Engineering, 2017, 208, 012041.	0.3	13
6	Inverse cascade of energy in helical turbulence. Journal of Fluid Mechanics, 2020, 895, .	1.4	13
7	Inductive System for Reliable Magnesium Level Detection in a Titanium Reduction Reactor. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 2089-2096.	1.0	11
8	Natural convection in a liquid metal locally heated from above. IOP Conference Series: Materials Science and Engineering, 2017, 208, 012044.	0.3	9
9	Numerical study of molten magnesium convection in a titanium reduction apparatus. Journal of Applied Mechanics and Technical Physics, 2016, 57, 1264-1275.	0.1	8
10	Numerical simulations of convection in the titanium reduction reactor. Journal of Physics: Conference Series, 2017, 891, 012076.	0.3	8
11	Helicity sources in a rotating convection. Journal of Physics: Conference Series, 2017, 899, 022017.	0.3	4
12	Direct Numerical Simulation of Helical Magnetohydrodynamic Turbulence with TARANG Code. , 2017, , .		4
13	On boundary conditions in liquid sodium convective experiments. Journal of Physics: Conference Series, 2017, 891, 012075.	0.3	3
14	Turbulent Convection of Liquid Sodium in an Inclined Cylinder of Unit Aspect Ratio. Journal of Applied Mechanics and Technical Physics, 2019, 60, 1237-1248.	0.1	2
15	Heat transport in a cell heated at the bottom and the side (a). Europhysics Letters, 2021, 134, 34001.	0.7	1
16	Secondary convective flows in the rectangular tank with non-uniform heating. Journal of Physics: Conference Series, 2011, 318, 082011.	0.3	0