

Aleksey Ivanov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8015566/publications.pdf>

Version: 2024-02-01

20
papers

97
citations

1477746

6
h-index

1372195

10
g-index

22
all docs

22
docs citations

22
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy approach to calculation of forces acting on solid bodies in ferrofluids. AIP Conference Proceedings, 2021, , .	0.3	1
2	Experimental study of thermal convection in dry air by holographic interferometry method. Journal of Physics: Conference Series, 2021, 1809, 012033.	0.3	0
3	Non-Magnetic Solid Body in Ferrofluid Containers: Wall Effects. Journal of Physics: Conference Series, 2021, 1945, 012011.	0.3	1
4	Floating of dia-, para-, and superparamagnetic bodies in magnetic fluids: Analysis of wall effects in the framework of inductive approach. Physics of Fluids, 2021, 33, .	1.6	6
5	An Energy Approach to the Calculation of Forces Acting on Solid Bodies in Ferrofluids. Journal of Applied Mechanics and Technical Physics, 2021, 62, 1190-1198.	0.1	0
6	Floating of solid non-magnetic bodies in magnetic fluids: Comprehensive analysis in the framework of inductive approach. Physics of Fluids, 2020, 32, .	1.6	14
7	Experimental verification of anomalous surface tension temperature dependence at the interface between coexisting liquid-gas phases in magnetic and Stockmayer fluids. Physics of Fluids, 2019, 31, 052001.	1.6	6
8	Plateau-Rayleigh Instability of Ferrofluid Drop-Like Aggregates in Zero Magnetic Field. IOP Conference Series: Materials Science and Engineering, 2019, 581, 012019.	0.3	0
9	Experimental Setup for Studying Thermosolutal Convection in Moist Air. IOP Conference Series: Materials Science and Engineering, 2019, 581, 012016.	0.3	1
10	Anomalous interfacial tension temperature dependence of condensed phase drops in magnetic fluids. Physics of Fluids, 2018, 30, .	1.6	11
11	Determination of Parameters of the External Electric Circuits Providing Maximum Damping of Vibrations of Electroelastic Bodies. , 2017, , 93-100.		0
12	Natural solutal convection in magnetic fluids: First-order phase transition aspect. Physics of Fluids, 2016, 28, .	1.6	0
13	Justification of equivalent substitution circuits used to optimize the dissipative properties of electroelastic bodies with external electric circuits. Mechanics of Solids, 2016, 51, 273-283.	0.3	4
14	10.1063/1.4964377.1. , 2016, , .		0
15	On natural solutal convection in magnetic fluids. Physics of Fluids, 2015, 27, 092001.	1.6	7
16	10.1063/1.4930601.1. , 2015, , .		0
17	Vortex flows induced by drop-like aggregate drift in magnetic fluids. Physics of Fluids, 2014, 26, .	1.6	12
18	Isothermal vortex flows in the vicinity of ferro- and diamagnetic condensation cores in magnetic fluids undergoing first-order phase transition. Physics of Fluids, 2014, 26, .	1.6	2

#	ARTICLE	IF	CITATIONS
19	Magnetophoresis of particles and aggregates in concentrated magnetic fluids. Physical Review E, 2012, 86, 051401.	0.8	28
20	Measurements of the transverse susceptibility and magnetization of magnetic fluids. Instruments and Experimental Techniques, 2008, 51, 466-470.	0.1	4