Christina A Khokhryakova

List of Publications by Year
in descending order

12	60	1477746 6	1588620 8
papers	citations	h-index	g-index

12	12	12	36
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Deformation of ferrofluid floating drop under the action of magnetic field as method of interface tension measurement. Experimental Thermal and Fluid Science, 2019, 101, 186-192.	1.5	11
3	Flow development at the surfaces of bubbles and droplets in gradient solutions of a surfase-active liquid. Colloid Journal, 2008, 70, 416-422.	0.5	9
4	Determination of the weight of a non-magnetic body immersed in magnetic fluid exposed to uniform magnetic field. Magnetohydrodynamics, 2019, 55, 73-78.	0.5	8
5	Behavior of a ferrofluid layer with stable surface rupture subjected to a tangential magnetic field. Fluid Dynamics, 2011, 46, 707-714.	0.2	6
6	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
7	A new method of interface tension measurement of a magnetic fluid drop. MethodsX, 2020, 7, 101152.	0.7	2
8	The effect of an oscillating vertically oriented magnetic field on the ferrofluid layer located on a perfluorooctane substrate. Magnetohydrodynamics, 2018, 54, 39-44.	0.5	2
9	Energy approach to calculation of forces acting on solid bodies in ferrofluids. AIP Conference Proceedings, 2021, , .	0.3	1
10	Non-Magnetic Solid Body in Ferrofluid Containers: Wall Effects. Journal of Physics: Conference Series, 2021, 1945, 012011.	0.3	1
11	Deformation of a layer of ferrofluid, lying on a liquid substrate, subjected to the action of the magnetic field. Physics Procedia, 2010, 9, 205-209.	1.2	0
12	Waves on a Free Surface of Ferrofluid Layer, Laying on a Liquid Substrate. Journal of Physics: Conference Series, 2021, 1945, 012016.	0.3	0