Sandris Lacis

List of Publications by Year
in descending order

13	698	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	633
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetorheological fluids. Journal of Magnetism and Magnetic Materials, 2002, 252, 224-228.	2.3	254
2	Permeability measurements in cobalt ferrite and carbonyl iron powders and suspensions. Journal of Magnetism and Magnetic Materials, 2002, 251, 100-108.	2.3	96
3	Magnetorheology for suspensions of solid particles dispersed in ferrofluids. Journal of Physics Condensed Matter, 2006, 18, S2803-S2813.	1.8	87
4	Measurements of ferrofluid surface tension in confined geometry. Physical Review E, 1996, 53, 4801-4806.	2.1	78
5	Yield behavior of magnetorheological suspensions. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 456-458.	2.3	63
6	Measurement of Elastic Forces between Iron Colloidal Particles in a Nematic Liquid Crystal. Physical Review Letters, 2006, 96, 217801.	7.8	61
7	MAGNETORHEOLOGY OF A MILLIMETRIC STEEL SPHERES SUSPENSION. International Journal of Modern Physics B, 2002, 16, 2758-2764.	2.0	14
8	Frequency locking and devil's staircase for a two-dimensional ferrofluid droplet in an elliptically polarized rotating magnetic field. Physical Review E, 1997, 55, 2640-2648.	2.1	12
9	Dynamics of a magnetic fluid droplet in a rotating field. Journal of Magnetism and Magnetic Materials, 1995, 149, 143-147.	2.3	11
10	Bending of ferrofluid droplet in rotating magnetic field. Journal of Magnetism and Magnetic Materials, 1999, 201, 335-338.	2.3	9
11	Kinetics of doublet formation in bicomponent magnetic suspensions: The role of the magnetic permeability anisotropy. Physical Review E, 2017, 96, 062604.	2.1	8
12	DIRECT NUMERICAL SIMULATION OF MOTION OF FERROMAGNETIC PARTICLES IN MAGNETORHEOLOGICAL SUSPENSION. Integrated Ferroelectrics, 2008, 102, 18-28.	0.7	3
13	MAGNETIC INTERACTIONS OF CHAINS FORMED BY FERROMAGNETIC SPHERES. International Journal of Modern Physics B, 2002, 16, 2307-2313.	2.0	2