

Larisa Iskakova

List of Publications by Year in descending order

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32
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docs citations

32
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Colloids on the Frontier of Ferrofluids. Rheological Properties. Langmuir, 2012, 28, 6232-6245.	3.5	84
2	Effect of chainlike aggregates on dynamical properties of magnetic liquids. Physical Review E, 2000, 61, 5415-5421.	2.1	81
3	Mechanics of Magnetopolymer Composites: A Review. Journal of Nanofluids, 2016, 5, 479-495.	2.7	69
4	Yield stress in thin layers of ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2006, 365, 265-281.	2.6	29
5	On the theory of rheological properties of magnetic suspensions. Physica A: Statistical Mechanics and Its Applications, 2007, 382, 378-388.	2.6	27
6	Rheological properties of ferrofluids with drop-like aggregates. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 38-50.	2.6	25
7	Kinetics of internal structures growth in magnetic suspensions. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1567-1576.	2.6	25
8	Magnetic hyperthermia in solid magnetic colloids. Physica A: Statistical Mechanics and Its Applications, 2017, 467, 59-66.	2.6	22
9	Effect of interparticle interaction on magnetic hyperthermia in ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2015, 438, 487-492.	2.6	19
10	Chain-like structures in polydisperse ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2004, 335, 314-324.	2.6	18
11	Effect of gap thickness on the viscoelasticity of magnetorheological fluids. Journal of Applied Physics, 2010, 108, 083503.	2.5	18
12	Phase and structural transformations in magnetorheological suspensions. Physica A: Statistical Mechanics and Its Applications, 2006, 366, 18-30.	2.6	14
13	Kinetics aggregation of magnetic suspensions. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2655-2663.	2.6	14
14	Towards a theory of mechanical properties of ferrogels. Effect of chain-like aggregates. Physica A: Statistical Mechanics and Its Applications, 2016, 455, 98-103.	2.6	14
15	On the self-assembly of net-like nanostructures in ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2015, 428, 257-265.	2.6	13
16	Non-ergodic tube structures in magnetic gels and suspensions. Soft Matter, 2018, 14, 8537-8544.	2.7	13
17	Direct and inverse domain structures in ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2006, 367, 55-68.	2.6	12
18	Positive feedback of interparticle interaction on magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 489, 165402.	2.3	9

#	ARTICLE	IF	CITATIONS
19	To the theory of shear elastic properties of magnetic gels. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 486, 908-914.	2.6	8
20	To the theory of kinetic properties of polar nematics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 229, 188-202.	2.6	6
21	Magnetic susceptibility of ferrocolloids with frozen texture. <i>Physical Review E</i> , 1998, 58, 6003-6014.	2.1	5
22	N-Like rheograms of suspensions of magnetic nanofibers. <i>Soft Matter</i> , 2013, 9, 1902-1907.	2.7	5
23	N-like rheograms of concentrated suspensions of magnetic particles. <i>Journal of Rheology</i> , 2016, 60, 267-274.	2.6	5
24	On the theory of rheological properties of bimodal magnetic fluids. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 406, 298-306.	2.6	4
25	Statistical thermodynamics of ferronematic. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 229, 203-217.	2.6	3
26	To the theory of mechano-magnetic effects in ferrogels. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 478, 211-215.	2.3	3
27	To the theory of magnetic hyperthermia in a system of single-domain ferromagnetic particles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 528, 121500.	2.6	3
28	Shear modulus of isotropic ferrogels. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 477, 136-141.	2.3	2
29	Structure transformations in ferrosmelectics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 224, 489-502.	2.6	1
30	Phase transitions in suspensions of needle-like particles in liquid crystals. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 232, 109-118.	2.6	0
31	Nonequilibrium structures in the thin layers of ferronematics. <i>Physical Review E</i> , 1998, 57, 4296-4304.	2.1	0
32	Nonlinear susceptibilities and stochastic resonance in frozen dense ferrocolloids. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 201, 230-233.	2.3	0