

# Larisa Iskakova

## List of Publications by Year in descending order

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32  
papers

551  
citations

623734

14  
h-index

642732

23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

499  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | To the theory of mechano-magnetic effects in ferrogels. Journal of Magnetism and Magnetic Materials, 2019, 478, 211-215.   | 2.3 | 3         |
| 2  | Positive feedback of interparticle interaction on magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 489, 165402.                               | 2.3 | 9         |
| 3  | To the theory of magnetic hyperthermia in a system of single-domain ferromagnetic particles. Physica A: Statistical Mechanics and Its Applications, 2019, 528, 121500. | 2.6 | 3         |
| 4  | Shear modulus of isotropic ferrogels. Journal of Magnetism and Magnetic Materials, 2019, 477, 136-141.   | 2.3 | 2         |
| 5  | Non-ergodic tube structures in magnetic gels and suspensions. Soft Matter, 2018, 14, 8537-8544.  | 2.7 | 13        |
| 6  | To the theory of shear elastic properties of magnetic gels. Physica A: Statistical Mechanics and Its Applications, 2017, 486, 908-914.                                 | 2.6 | 8         |
| 7  | Magnetic hyperthermia in solid magnetic colloids. Physica A: Statistical Mechanics and Its Applications, 2017, 467, 59-66.   | 2.6 | 22        |
| 8  | N-like rheograms of concentrated suspensions of magnetic particles. Journal of Rheology, 2016, 60, 267-274.  | 2.6 | 5         |
| 9  | 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        |
| 10 | Mechanics of Magnetopolymer Composites: A Review. Journal of Nanofluids, 2016, 5, 479-495.   | 2.7 | 69        |
| 11 | On the self-assembly of net-like nanostructures in ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2015, 428, 257-265.                             | 2.6 | 13        |
| 12 | Effect of interparticle interaction on magnetic hyperthermia in ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2015, 438, 487-492.                | 2.6 | 19        |
| 13 | On the theory of rheological properties of bimodal magnetic fluids. Physica A: Statistical Mechanics and Its Applications, 2014, 406, 298-306.                         | 2.6 | 4         |
| 14 | Kinetics of internal structures growth in magnetic suspensions. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1567-1576.                           | 2.6 | 25        |
| 15 | N-Like rheograms of suspensions of magnetic nanofibers. Soft Matter, 2013, 9, 1902-1907.   | 2.7 | 5         |
| 16 | Colloids on the Frontier of Ferrofluids. Rheological Properties. Langmuir, 2012, 28, 6232-6245.  | 3.5 | 84        |
| 17 | Kinetics aggregation of magnetic suspensions. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2655-2663.   | 2.6 | 14        |
| 18 | Effect of gap thickness on the viscoelasticity of magnetorheological fluids. Journal of Applied Physics, 2010, 108, 083503.  | 2.5 | 18        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | On the theory of rheological properties of magnetic suspensions. Physica A: Statistical Mechanics and Its Applications, 2007, 382, 378-388.              | 2.6 | 27        |
| 20 | Rheological properties of ferrofluids with drop-like aggregates. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 38-50.                | 2.6 | 25        |
| 21 | Yield stress in thin layers of ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2006, 365, 265-281.                                   | 2.6 | 29        |
| 22 | Phase and structural transformations in magnetorheological suspensions. Physica A: Statistical Mechanics and Its Applications, 2006, 366, 18-30.         | 2.6 | 14        |
| 23 | Direct and inverse domain structures in ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2006, 367, 55-68.                            | 2.6 | 12        |
| 24 | Chain-like structures in polydisperse ferrofluids. Physica A: Statistical Mechanics and Its Applications, 2004, 335, 314-324.                            | 2.6 | 18        |
| 25 | Effect of chainlike aggregates on dynamical properties of magnetic liquids. Physical Review E, 2000, 61, 5415-5421.                                      | 2.1 | 81        |
| 26 | Nonlinear susceptibilities and stochastic resonance in frozen dense ferrocolloids. Journal of Magnetism and Magnetic Materials, 1999, 201, 230-233.      | 2.3 | 0         |
| 27 | Nonequilibrium structures in the thin layers of ferronematics. Physical Review E, 1998, 57, 4296-4304.   | 2.1 | 0         |
| 28 | Magnetic susceptibility of ferrocolloids with frozen texture. Physical Review E, 1998, 58, 6003-6014.  | 2.1 | 5         |
| 29 | Structure transformations in ferrosmeectics. Physica A: Statistical Mechanics and Its Applications, 1996, 224, 489-502.                                  | 2.6 | 1         |
| 30 | To the theory of kinetic properties of polar nematics. Physica A: Statistical Mechanics and Its Applications, 1996, 229, 188-202.                        | 2.6 | 6         |
| 31 | Statistical thermodynamics of ferronematic. Physica A: Statistical Mechanics and Its Applications, 1996, 229, 203-217.                                   | 2.6 | 3         |
| 32 | Phase transitions in suspensions of needle-like particles in liquid crystals. Physica A: Statistical Mechanics and Its Applications, 1996, 232, 109-118. | 2.6 | 0         |