Albina Musin

List of Publications by Year in descending order

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25 papers	1,287 citations	471371 17 h-index	580701 25 g-index
27 all docs	27 docs citations	27 times ranked	1054 citing authors

#	Article	IF	Citations
1	New Investigations on Ferrofluidics: Ferrofluidic Marbles and Magnetic-Field-Driven Drops on Superhydrophobic Surfaces. Langmuir, 2008, 24, 12119-12122.	1.6	187
2	Revealing of water surface pollution with liquid marbles. Applied Surface Science, 2009, 255, 6429-6431.	3.1	139
3	Characterization of rough surfaces with vibrated drops. Physical Chemistry Chemical Physics, 2008, 10, 4056.	1.3	120
4	On the Mechanism of Floating and Sliding of Liquid Marbles. ChemPhysChem, 2009, 10, 654-656.	1.0	102
5	Contact Angle Hysteresis on Polymer Substrates Established with Various Experimental Techniques, Its Interpretation, and Quantitative Characterization. Langmuir, 2008, 24, 4020-4025.	1.6	101
6	Shape, Vibrations, and Effective Surface Tension of Water Marbles. Langmuir, 2009, 25, 1893-1896.	1.6	100
7	Interfacial and conductive properties of liquid marbles coated with carbon black. Powder Technology, 2010, 203, 529-533.	2.1	82
8	Water rolling and floating upon water: Marbles supported by a water/marble interface. Journal of Colloid and Interface Science, 2009, 333, 419-421.	5.0	70
9	Revisiting the surface tension of liquid marbles: Measurement of the effective surface tension of liquid marbles with the pendant marble method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 425, 15-23.	2.3	62
10	Self-assembly in evaporated polymer solutions: Influence of the solution concentration. Journal of Colloid and Interface Science, 2006, 297, 534-540.	5.0	56
11	Mesoscopic Patterning in Evaporated Polymer Solutions: Poly(ethylene glycol) and Roomâ€Temperatureâ€Vulcanized Polyorganosilanes/â€siloxanes Promote Formation of Honeycomb Structures. Macromolecular Chemistry and Physics, 2008, 209, 567-576.	1.1	40
12	Stable water and glycerol marbles immersed in organic liquids: From liquid marbles to Pickering-like emulsions. Journal of Colloid and Interface Science, 2012, 366, 196-199.	5.0	38
13	Superoleophobic Surfaces Obtained via Hierarchical Metallic Meshes. Langmuir, 2016, 32, 4134-4140.	1.6	31
14	Freeâ€Standing, Thermostable, Micrometerâ€Scale Honeycomb Polymer Films and their Properties. Macromolecular Materials and Engineering, 2008, 293, 872-877.	1.7	26
15	Formation of Films on Water Droplets Floating on a Polymer Solution Surface. Macromolecular Chemistry and Physics, 2007, 208, 702-709.	1.1	25
16	Self-propulsion of a metallic superoleophobic micro-boat. Journal of Colloid and Interface Science, 2016, 479, 182-188.	5.0	23
17	The effect of controlled stretch on luminescence of Eu(III)(NO3)3(o-Phen)2 complex doped into PVDF film. Materials Letters, 2006, 60, 1911-1914.	1.3	19
18	Patterning in rapidly evaporated polymer solutions: Formation of annular structures under evaporation of the poor solvent. Journal of Colloid and Interface Science, 2006, 300, 293-297.	5.0	16

#	Article	IF	Citations
19	Camphor-Engine-Driven Micro-Boat Guides Evolution of Chemical Gardens. Scientific Reports, 2017, 7, 3930.	1.6	12
20	Stabilization of cubic phase in scandiumâ€doped zirconia nanocrystals synthesized with solâ€gel method. Journal of the American Ceramic Society, 2019, 102, 3236-3243.	1.9	10
21	Luminescent properties of PP and LDPE films and rods doped with the Eu(III)-La(III) complex. Polymers for Advanced Technologies, 2006, 17, 20-25.	1.6	8
22	Jetting liquid marbles: study of the Taylor instability in immersed marbles. Colloid and Polymer Science, 2013, 291, 1535-1539.	1.0	8
23	Floating of heavy objects on liquid surfaces coated with colloidal particles. Colloid and Polymer Science, 2015, 293, 567-572.	1.0	5
24	Inkjet Printing of Sc-Doped TiO2 with Enhanced Photoactivity. Coatings, 2019, 9, 78.	1.2	5
25	New Strategy for Creating TiO2 Thin Films with Embedded Au Nanoparticles. Coatings, 2021, 11, 1525.	1.2	2