

# Andrey V Shibaev

## List of Publications by Year in descending order

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27  
papers

445  
citations

759233

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713466

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docs citations

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times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	How a Viscoelastic Solution of Wormlike Micelles Transforms into a Microemulsion upon Absorption of Hydrocarbon: New Insight. <i>Langmuir</i> , 2014, 30, 3705-3714.	3.5	71
2	Rheological Behavior of Oil-Swollen Wormlike Surfactant Micelles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15938-15946.	2.6	38
3	Viscoelastic Synergy and Microstructure Formation in Aqueous Mixtures of Nonionic Hydrophilic Polymer and Charged Wormlike Surfactant Micelles. <i>Macromolecules</i> , 2017, 50, 339-348.	4.8	37
4	Structure, rheological and responsive properties of a new mixed viscoelastic surfactant system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124284.	4.7	30
5	Structure and Rheology of Solutions and Gels of Stiff Polyelectrolyte at High Salt Concentration. <i>Macromolecules</i> , 2016, 49, 6031-6040.	4.8	28
6	pH-Dependent Gelation of a Stiff Anionic Polysaccharide in the Presence of Metal Ions. <i>Polymers</i> , 2020, 12, 868.	4.5	25
7	Novel Trends in the Development of Surfactant-Based Hydraulic Fracturing Fluids: A Review. <i>Gels</i> , 2021, 7, 258.	4.5	25
8	Role of Charge of Micellar Worms in Modulating Structure and Rheological Properties of Their Mixtures with Nonionic Polymer. <i>Macromolecules</i> , 2018, 51, 213-221.	4.8	23
9	Different responsiveness to hydrocarbons of linear and branched anionic/cationic-mixed wormlike surfactant micelles. <i>Colloid and Polymer Science</i> , 2019, 297, 351-362.	2.1	23
10	Structural investigations of poly(ethylene glycol)-dodecylbenzenesulfonic acid complexes in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2020, 308, 113045.	4.9	21
11	Transformations of wormlike surfactant micelles induced by a water-soluble monomer. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 590-601.	9.4	17
12	Disruption of Cationic/Anionic Viscoelastic Surfactant Micellar Networks by Hydrocarbon as a Basis of Enhanced Fracturing Fluids Clean-Up. <i>Nanomaterials</i> , 2020, 10, 2353.	4.1	15
13	Cationic Surfactants as Disinfectants against SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6645.	4.1	14
14	Remotely Self-Healable, Shapeable and pH-Sensitive Dual Cross-Linked Polysaccharide Hydrogels with Fast Response to Magnetic Field. <i>Nanomaterials</i> , 2021, 11, 1271.	4.1	13
15	Double dynamic hydrogels formed by wormlike surfactant micelles and cross-linked polymer. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 46-60.	9.4	13
16	A Facile Method of Preparation of Polymer-Stabilized Perfluorocarbon Nanoparticles with Enhanced Contrast for Molecular Magnetic Resonance Imaging. <i>BioNanoScience</i> , 2017, 7, 456-463.	3.5	10
17	Magnetic-field-assisted synthesis of anisotropic iron oxide particles: Effect of pH. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1230-1241.	2.8	7
18	Dual Transient Networks of Polymer and Micellar Chains: Structure and Viscoelastic Synergy. <i>Polymers</i> , 2021, 13, 4255.	4.5	7

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19	Viscoelastic Solutions of Wormlike Micelles of a Cationic Surfactant and a Stiff-Chain Anionic Polyelectrolyte. <i>Polymer Science - Series A</i> , 2019, 61, 765-772.	1.0	6
20	Hydrogels of Polysaccharide Carboxymethyl Hydroxypropyl Guar Crosslinked by Multivalent Metal Ions. <i>Polymer Science - Series A</i> , 2021, 63, 24-33.	1.0	5
21	Antiseptic Polymer-Surfactant Complexes with Long-Lasting Activity against SARS-CoV-2. <i>Polymers</i> , 2022, 14, 2444.	4.5	5
22	Structure and oil responsiveness of viscoelastic fluids based on mixed anionic/cationic wormlike surfactant micelles. <i>Journal of Physics: Conference Series</i> , 2017, 848, 012019.	0.4	3
23	Self-Healing Double Network Polymer Gels with Dynamic Crosslinks. <i>Doklady Physical Chemistry</i> , 2020, 491, 29-32.	0.9	3
24	Structure and oil responsiveness of viscoelastic fluids based on mixed anionic/cationic wormlike surfactant micelles. <i>Journal of Physics: Conference Series</i> , 2017, 848, 012006.	0.4	2
25	Structure of Interpenetrating Networks of Xanthan Polysaccharide and Wormlike Surfactant Micelles. <i>Journal of Surface Investigation</i> , 2021, 15, 908-913.	0.5	2
26	Preparation of Magnetic Fluids Based on Associated Polymers. <i>Advanced Materials Research</i> , 0, 650, 314-319.	0.3	1
27	Nanocomposite Hydrogels with Multifunctional Cross-Links. <i>Doklady Physical Chemistry</i> , 2021, 497, 41-47.	0.9	1