

# Yulia Malakhova

## List of Publications by Citations

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**Version:** 2024-04-28

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21  
papers

110  
citations

7  
h-index

9  
g-index




25  
ext. papers

135  
ext. citations

1.9  
avg, IF

2.26  
L-index

#	Paper	IF	Citations
21	Associative STDP-like learning of neuromorphic circuits based on polyaniline memristive microdevices. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 414001	3	17
20	Synthesis and properties of carbosilane dendrimers of the third and sixth generations with the ethylene oxide surface layer in bulk and in monolayers at the air-water interface. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 2514-2526	1.7	11
19	Star-shaped siloxane polymers with various cyclic cores: Synthesis and properties. <i>Journal of Polymer Science Part A</i> , <b>2019</b> , 57, 1233-1246	2.5	10
18	Synthesis and properties of water-soluble silica nanoparticles. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 409-417	1.7	10
17	Comb-shaped liquid crystalline stereoregular cyclolinear methylsiloxane copolymers: synthesis, behaviour in bulk and behaviour in monolayers. <i>Liquid Crystals</i> , <b>2012</b> , 39, 133-147	2.3	10
16	Planar and 3D fibrous polyaniline-based materials for memristive elements. <i>Soft Matter</i> , <b>2017</b> , 13, 7300-7306	3.3	9
15	Organosilicon surfactants: Effects of structure on the kinetics of heterophase polymerization of methyl methacrylate and behavior in Langmuir films on the surface of water. <i>Polymer Science - Series B</i> , <b>2015</b> , 57, 560-566	0.8	9
14	Synthesis of siloxane analogs of calixarenes. <i>Russian Chemical Bulletin</i> , <b>2015</b> , 64, 1394-1399	1.7	7
13	Behavior of Organosilicon Surfactants in Langmuir Films on the Surface of Water. <i>Polymer Science - Series A</i> , <b>2019</b> , 61, 149-156	1.2	6
12	Linear and Cyclolinear Polysiloxanes in the Bulk and Thin Films on Liquid and Solid Substrate Surfaces. <i>Journal of Surface Investigation</i> , <b>2018</b> , 12, 339-349	0.5	6
11	Small-angle x-ray scattering study of polymer structure: Carbosilane dendrimers in hexane solution. <i>Crystallography Reports</i> , <b>2016</b> , 61, 815-825	0.6	5
10	Rheological Behavior of Polydimethylsiloxane Langmuir Layers at the Air-Water Interface. <i>BioNanoScience</i> , <b>2020</b> , 10, 403-408	3.4	4
9	Tetramer of aniline as a structural analog of polyaniline [Promising material for biomedical application. <i>Synthetic Metals</i> , <b>2021</b> , 274, 116712	3.6	3
8	Synthesis of amphiphilic V-type silica nanogels and study of their self-assembling at the air-water interface. <i>Russian Chemical Bulletin</i> , <b>2018</b> , 67, 2088-2097	1.7	2
7	Polymesomorphism in a smectic SmC* phase in a comb-shaped liquid crystalline stereoregular cyclolinear methylsiloxane copolymer with the 4,4-bisphenylene fragment at terminal lactic acid derivative in mesogenic group. <i>Mendeleev Communications</i> , <b>2014</b> , 24, 58-60	1.9	1
6	Pulse Programming of Resistive States of a Benzothieno[3,2-B][1]-Benzothiophene-Based Organic Memristive Device with High Endurance. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2017</b> , 2100471	2.5	0
5	Applicability of TOF-SIMS for the assessment of lipid composition of cell membrane structures. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , <b>2017</b> , 11, 144-150	0.7	0

- 4 Nonwoven materials based on polyethylene oxide for use as a polymer electrolyte in memristive devices. *Russian Journal of Applied Chemistry*, **2017**, 90, 1540-1544 0.8
- 3    
 *Biologicheskie Membrany*, **2017**, 215-222 0.1
- 2 Surface Dilatational Rheology of Carboxyl-Containing Dimethylsiloxane Oligomers in Langmuir Films at the Air-Water Interface. *BioNanoScience*, **2021**, 11, 755-761 3.4
- 1 Langmuir monolayers based on rigid wedge-shaped dendrons of benzenesulfonic acid. *Russian Chemical Bulletin*, **2018**, 67, 1589-1594 1.7