

# Sergei I Belousov

## List of Publications by Year in descending order

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26  
papers

182  
citations

1163117

8  
h-index

1125743

13  
g-index

26  
all docs

26  
docs citations

26  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Method of manufacturing nonwovens by electrospinning from polymer melts. <i>Fibre Chemistry</i> , 2009, 41, 355-359.	0.2	35
2	Effect of diamond nanoparticle chains on rheological properties of hydrosol. <i>Diamond and Related Materials</i> , 2018, 83, 141-145.	3.9	22
3	Effect of low molecular additives on the electrospinning of nonwoven materials from a polyamide-6 melt. <i>Polymer Science - Series A</i> , 2016, 58, 236-245.	1.0	19
4	Rheological Features of Fiber Spinning from Polyacrylonitrile Solutions in an Electric Field. Structure and Properties. <i>Fibre Chemistry</i> , 2014, 46, 151-160.	0.2	16
5	Electrospinning of Nonwoven Fabrics from Polypropylene Melt with Additions of Stearates of Divalent Metals. <i>Fibre Chemistry</i> , 2018, 50, 27-32.	0.2	12
6	Electrospinning of Non-Woven Materials from the Melt of Polyamide-6 with Added Magnesium, Calcium, and Zinc Stearates. <i>Fibre Chemistry</i> , 2015, 47, 14-19.	0.2	11
7	Composite Material Based on Polytetrafluoroethylene and Al <sup>~</sup> Cu <sup>~</sup> Fe Quasi-Crystal Filler with Ultralow Wear: Morphology, Tribological, and Mechanical Properties. <i>Journal of Surface Investigation</i> , 2018, 12, 277-285.	0.5	10
8	Effect of a quasicrystalline filler on the tribological properties of a composite based on ultrahigh-molecular-weight polyethylene. <i>Journal of Surface Investigation</i> , 2015, 9, 1077-1084.	0.5	8
9	Influence of Molecular Characteristics of Chitosan on Properties of In situ Formed Scaffolds. <i>BioNanoScience</i> , 2017, 7, 492-495.	3.5	7
10	Tribological and mechanical properties of composites based on ethylene-tetrafluoroethylene and quasicrystalline Al <sup>~</sup> Cu <sup>~</sup> Fe filler. <i>Journal of Surface Investigation</i> , 2017, 11, 315-321.	0.5	7
11	Dielectric Properties of Halloysite Nanotube Suspensions in Polydimethylsiloxane. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 376-381.	0.6	7
12	Influence of electrorheological characteristics of polymer mixture melts on the structure and properties of non-cloth materials. <i>Fibre Chemistry</i> , 2012, 43, 417-420.	0.2	6
13	Rheological Behavior of Polydimethylsiloxane Langmuir Layers at the Air-Water Interface. <i>BioNanoScience</i> , 2020, 10, 403-408.	3.5	6
14	Structure and properties of layered silicate nanocomposites based on polyamide-6 obtained by polymerization in situ and melt blending. <i>Nanotechnologies in Russia</i> , 2013, 8, 765-772.	0.7	4
15	Effect of Friction on the Degree of Crystallinity of Composite Materials Based on Ultra-high-molecular-weight Polyethylene and Polytetrafluoroethylene with Quasicrystalline Filler Al <sup>~</sup> Cu <sup>~</sup> Fe. <i>Crystallography Reports</i> , 2020, 65, 622-626.	0.6	4
16	Tribological, Physicomechanical, and Other Properties of Composites Based on Ultra-High Molecular-Weight Polyethylene, Polytetrafluoroethylene, and Ethylene-Tetrafluoroethylene Copolymer with Quasicrystalline Filler Al <sup>~</sup> Cu <sup>~</sup> Fe. <i>Crystallography Reports</i> , 2021, 66, 883-896.	0.6	3
17	Orientation of Layered Aluminosilicates Particles with a High Aspect Ratio in Paraffin under an Electric Field. <i>Doklady Physics</i> , 2019, 64, 249-252.	0.7	2
18	Formation of a phase structure of the "fibrils in matrix" type in a composite fibre based on high-density polyethylene and polyethylene terephthalate. <i>Fibre Chemistry</i> , 1988, 19, 277-280.	0.2	1

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19	Structure of oriented fibres on the basis of high density polyethylene and polyethyleneterephthalate in a broad temperature range. Polymer Science USSR, 1989, 31, 933-940.	0.2	1
20	Effect of Low-Molecular-Mass Additives on Structure and Properties of Nonwoven Materials Prepared by Electrospinning of Polypropylene Melts. Fibre Chemistry, 2021, 52, 366-370.	0.2	1
21	Orientation stretching of a composite fibre based on high-density polyethylene and polyethylene terephthalate. Fibre Chemistry, 1988, 20, 21-24.	0.2	0
22	Rheological properties of a fibre-forming composition based on high-density polyethylene and polybutylene terephthalate. Fibre Chemistry, 1989, 20, 247-250.	0.2	0
23	Effect of orientation stretch on structure of a composite fibre based on high-density polyethylene and polybutylene terephthalate. Fibre Chemistry, 1990, 21, 407-411.	0.2	0
24	Reactions between components and component compatibility in poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (terephthalate). Fibre Chemistry, 1989, 20, 247-250.	0.2	0
25	Nonwoven materials based on polyethylene oxide for use as a polymer electrolyte in memristive devices. Russian Journal of Applied Chemistry, 2017, 90, 1540-1544.	0.5	0
26	Surface Dilatational Rheology of Carboxyl-Containing Dimethylsiloxane Oligomers in Langmuir Films at the Air-Water Interface. BioNanoScience, 2021, 11, 755-761.	3.5	0