

Vladimir Strelnikov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

334
citations

10
h-index

16
g-index

74
ext. papers

380
ext. citations

1.5
avg, IF

3.29
L-index

#	Paper	IF	Citations
74	Three scenarios of freezing of liquid marbles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 636, 128125	5.1	2
73	Effect of asymmetric cooling of sessile droplets on orientation of the freezing tip.. <i>Journal of Colloid and Interface Science</i> , 2022 , 620, 179-186	9.3	1
72	Synthesis and Study of Physical and Mechanical Properties of Urethane-Containing Elastomers Based on Epoxyurethane Oligomers with Controlled Crystallinity. <i>Polymers</i> , 2022 , 14, 2136	4.5	1
71	Silver nanocomposites based on copolymers of N,N-diallyl-N- ϵ -acetylhydrazine with N-vinylpyrrolidone. <i>Russian Chemical Bulletin</i> , 2021 , 70, 1706-1712	1.7	1
70	Robust icephobic coating based on the spiky fluorinated AlO particles. <i>Scientific Reports</i> , 2021 , 11, 5394	4.9	11
69	Cytotoxic activity of silver nanocomposites based on N, N-diallyl-N- ϵ -acetylhydrazines copolymers. <i>Russian Chemical Bulletin</i> , 2021 , 70, 469-474	1.7	0
68	Stability of the dispersed system in inverse emulsion polymerization of ionic acrylate monomers. <i>Colloid and Polymer Science</i> , 2021 , 299, 1127	2.4	3
67	Synthesis of oligotetramethylene oxides with terminal amino groups as curing agents for an epoxyurethane oligomer. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021 ,	1	2
66	Rheological Properties of Epoxy Urethane Oligomers and Curing Kinetics of Polymer Composites on Their Basis. <i>Inorganic Materials: Applied Research</i> , 2020 , 11, 147-153	0.6	
65	Synthesis and Structural Properties of Hybrid Powder Materials Based on Colloidal Silica and Silver Iodide. <i>Inorganic Materials</i> , 2020 , 56, 815-819	0.9	
64	Extraction of triply charged metal cations in aqueous phase-separating system antipyrine-sulfosalicylic acid-water. <i>Russian Chemical Bulletin</i> , 2019 , 68, 1843-1847	1.7	
63	Production of Isotropic Coke from Shale: Characteristics of Coke from Thermally Oxidized Tar-Distillation Residue. <i>Coke and Chemistry</i> , 2019 , 62, 5-11	0.5	3
62	Frost-Resistant Epoxy-Urethane Binders Containing Diglycidyl Urethane. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-7	2.4	4
61	Synthesis, Structure, and Magnetic Characteristics of Mesoporous Fe ₂ O ₃ /SiO ₂ Composites. <i>Inorganic Materials</i> , 2019 , 55, 673-680	0.9	1
60	Microheterogeneous Polyetherhydroxylurethane Elastomers with Controlled Phase Structure for Structural Adhesives. <i>Russian Journal of Applied Chemistry</i> , 2019 , 92, 1342-1350	0.8	2
59	Reokinetics of urethane epoxy oligomers hardening and formation of cold curing adhesive compositions based on them. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 656, 012055	0.4	
58	Production of Isotropic Coal from Shale-Waste Oil. <i>Coke and Chemistry</i> , 2019 , 62, 565-570	0.5	2

57	A Generalized High-Elasticity Model to Describe the Stress-Strain Dependence for Polyurethane Elastomers When Stretched at a Constant Rate. <i>Journal of Macromolecular Science - Physics</i> , 2018 , 57, 196-209	1.4	1
56	The Effect of the Isocyanate-Hydroxyl Ratio on the Structure and Properties of Hard Polyurethanes. <i>Polymer Science - Series D</i> , 2018 , 11, 292-296	0.4	3
55	Preparation and Properties of Frost-Resistant Room-Temperature-Curable Compounds Based on Oligoether-tetraurethane Diepoxides of Various Chemical Structures. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 463-468	0.8	10
54	Production of Isotropic Coke from Shale: Microstructure of Coke from the Thermally Oxidized Distillation Residue of Shale Tar. <i>Coke and Chemistry</i> , 2018 , 61, 433-446	0.5	6
53	Preparation and Properties of Frost-Resistant Materials Based on Compounds of Oligoether Urethane Epoxides and Diglycidyl Urethane. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 1937-1944	0.8	6
52	Production of Isotropic Coke from Shale: Composition of Oxidation Products from Shale-Tar Distillation Residues. <i>Coke and Chemistry</i> , 2018 , 61, 489-498	0.5	2
51	A simple synthesis of benzofurans by acid-catalyzed domino reaction of salicyl alcohols with N-tosylfurfurylamine. <i>Tetrahedron</i> , 2017 , 73, 6523-6529	2.4	6
50	Synthesis by radical polymerization and structure of drag reducing terpolymers based on acrylamide, acrylonitrile, and 2-acrylamido-2-methylpropanesulfonic acid. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 1524-1531	0.8	7
49	Influence of Medium Parameters and Acrylate Ionic Terpolymer Concentration on the Toms Effect. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 1826-1832	0.8	
48	Antiturbulent properties of sulfomethylated polyacrylamide under the conditions of thermal, salt, and acid aggressions. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 1357-1364	0.8	1
47	Computational description of morphology of dispersive components-spatial structures in polymer composites. <i>Journal of Composite Materials</i> , 2016 , 50, 2433-2442	2.7	0
46	Preparation and magnetic characteristics of mesoporous nickel oxide-silica composites. <i>Inorganic Materials</i> , 2016 , 52, 909-914	0.9	2
45	Influence of the composition of acrylamide-acrylonitrile-2-acrylamido-2-methylpropanesulfonic acid terpolymer on its resistance to high temperatures and salts. <i>Russian Journal of Applied Chemistry</i> , 2016 , 89, 1296-1301	0.8	5
44	Superoleophobic Surfaces Obtained via Hierarchical Metallic Meshes. <i>Langmuir</i> , 2016 , 32, 4134-40	4	26
43	Liquid marbles containing petroleum and their properties. <i>Petroleum Science</i> , 2015 , 12, 340-344	4.4	13
42	Analysis and comparison of properties of air-blown and of thermally treated pitches. <i>Coke and Chemistry</i> , 2015 , 58, 23-31	0.5	1
41	Robust Technique Allowing the Manufacture of Superoleophobic (Omniphobic) Metallic Surfaces. <i>Advanced Engineering Materials</i> , 2014 , 16, 1127-1132	3.5	24
40	Production of isotropic coke in industrial trials. <i>Coke and Chemistry</i> , 2014 , 57, 202-207	0.5	9

39	Production of isotropic coke by thermocracking of the anthracene fraction of coal tar. <i>Coke and Chemistry</i> , 2014 , 57, 98-105	0.5	8
38	Influence of air-blowing conditions on the properties of pitches and microstructure of pitch cokes. <i>Coke and Chemistry</i> , 2014 , 57, 359-368	0.5	4
37	Synthetic pitches based on the anthracene fraction of coal tar. <i>Coke and Chemistry</i> , 2014 , 57, 429-439	0.5	9
36	Polyacrylamide in the technologies of utilization of nitrocellulose manufacturing wastes. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 2320-2324	0.7	
35	Synthesis of Indoles by Domino Reaction of 2-(Tosylamino)benzyl Alcohols with Furfurylamines: Two Opposite Reactivity Modes of the β -Carbon of the Furan Ring in One Process. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2508-2515	3.2	15
34	Heterogeneous polymer materials based on oligodienetetraurethanediepoxyde and oligoetherdiisocyanate. <i>Polymer Science - Series D</i> , 2013 , 6, 5-8	0.4	2
33	Photo-induced electric polarizability of Fe ₃ O ₄ nanoparticles in weak optical fields. <i>Nanoscale Research Letters</i> , 2013 , 8, 317	5	13
32	Study of structuring of surface-modified technical-grade carbon particles with metal oxides in oligo(divinyl-isoprene). <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 772-776	0.8	1
31	Revisiting the surface tension of liquid marbles: Measurement of the effective surface tension of liquid marbles with the pendant marble method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 425, 15-23	5.1	55
30	The Moisture Sorption and Mechanical Behaviour in a Humid Atmosphere of Polyurethane Urea with Mixed Polar and Non-Polar Flexible Blocks. <i>International Polymer Science and Technology</i> , 2013 , 40, 21-24		0
29	Effect of organic-silane additives on textural/structural properties of mesoporous silicate materials. <i>Microporous and Mesoporous Materials</i> , 2012 , 153, 275-281	5.3	11
28	Agglomeration of the condensed phase of energetic condensed systems containing modified aluminum. <i>Combustion, Explosion and Shock Waves</i> , 2012 , 48, 694-698	1	11
27	Study of the effect of organo-substituted trialkoxysilanes on the textural and structural properties of mesoporous silica. <i>Russian Journal of Inorganic Chemistry</i> , 2012 , 57, 1134-1140	1.5	2
26	Behaviour of Segmented Polyether Urethane Urea in a Humid Atmosphere after Mechanical Loading. <i>International Polymer Science and Technology</i> , 2011 , 38, 45-49		
25	Influence of Moisture Sorption on the Physical and Mechanical Properties of Plasticised Poly(Ether Urethane Ureas). <i>International Polymer Science and Technology</i> , 2011 , 38, 33-37		
24	High-Density Thermoplastic Polyurethane Composites with Low-Melting Diurethane Plasticisers. <i>International Polymer Science and Technology</i> , 2011 , 38, 29-31		
23	Study of chemical bond formation in oligodieneurethane epoxide in its interaction with encapsulated dicarboxylic acid. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 1067-1070	0.8	
22	Properties of ultra high molecular weight polyethylene fibers after ion beam treatment. <i>Journal of Applied Polymer Science</i> , 2011 , 122, 1628-1633	2.9	6

21	Frost-resistant polyurethane compositions with a low temperature coefficient of Young's modulus. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1345-1351	0.8	1
20	New high-density environmentally clean polyurethane materials with binary plasticizers. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1355-1359	0.8	6
19	Behavior in a humid medium of segmented polyurethane-ureas with dissimilar thermodynamically compatible and incompatible flexible blocks. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1360-1366	0.8	5
18	Structure and properties of segmented polyurethane-ureas with dissimilar soft blocks. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1380-1384	0.8	3
17	A study of properties of porous carbon based on phenol-formaldehyde resin with carbohydrates. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1385-1389	0.8	
16	A study of water-sorption characteristics of filled acrylic copolymers. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1390-1393	0.8	
15	A study of structuring of a microdisperse filler in oligomer formulations in a flow. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1394-1398	0.8	
14	Steric stabilization and functionalization of magnetite particles and preparation of colloid magnetite dispersions in oligomeric media. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1399-1402	0.8	2
13	Chemical structure of fibers of ultra-high-molecular-weight polyethylene upon ion-beam treatment and post-irradiation grafting of acrylic monomers. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1403-1407	0.8	6
12	Curing of epoxy-anhydride formulations in the presence of imidazoles. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1408-1412	0.8	8
11	The effect of composition of the reaction medium on the structural-textural characteristics of mesoporous silicon dioxide. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1413-1416	0.8	1
10	Rheological properties and flow of filled oligomeric compounds in highly porous cellular materials. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1417-1421	0.8	
9	Study of gel formation by a water-containing composition based on a polyacrylamide solution and nitrocellulose. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1422-1424	0.8	1
8	Dynamics of nanopore structure formation in the carbonization of carbon-containing materials. <i>Solid Fuel Chemistry</i> , 2009 , 43, 103-108	0.7	
7	Preparation of mesoporous silicon dioxide with high specific surface area. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 1-5	0.8	4
6	A study of the corrosion-electrochemical behavior of mercury in alkaline solutions of sodium hypochlorite. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 857-861	0.8	
5	Studies of elastomer swelling process in liquid mediums. <i>Polymer Science - Series D</i> , 2009 , 2, 178-179	0.4	
4	Concentration of trace amounts of butyl alcohol, butyl acrylate, and acrylic acid from water by distillation. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 582-585	0.8	1

3	Computer Simulation of Nanoparticle Evolution in the Mesoporous Structures. <i>Journal of Physics: Conference Series</i> , 2007 , 61, 1212-1215	0.3	
2	A Study of Mercury Dissolution in Aqueous Solutions of Sodium Hypochlorite. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 546-548	0.8	4
1	A New Method to Identify Rubbers and Elastomers using Swelling in Various Solvents. <i>Polymer Science - Series A</i> , 1	1.2	