

Boris Zaitsev

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.

33
papers

89
citations

5
h-index

7
g-index

34
ext. papers

92
ext. citations

1.2
avg, IF

2.17
L-index

#	Paper	IF	Citations
33	Estimate of Hyperconjugation Strength in Alkylaromatics and Unsaturated Hydrocarbons Derived from Refractometric Data. <i>Current Organic Chemistry</i> , 2020 , 23, 2598-2613	1.7	0
32	Studies of Formation Mechanism, Structure, and Properties of Network Copolymers Obtained by Cocuring of Rolivsan Thermosetting Resins with Aromatic Diamines. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-15	2.4	
31	Combination of polymerization and polycondensation in the synthesis, chemical modification, and cure of rolivsan thermosetting resins. <i>High Performance Polymers</i> , 2018 , 30, 211-223	1.6	2
30	Heat-Resistant Network Block Copolymers Based on Rolivsans Modified with Tetracarboxylic Anhydrides and Aromatic Tetraamines. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 1029-1034	0.8	1
29	Novel polycondensation method of improving high-temperature properties of microheterogeneous rolivsan copolymers modified by inserting epoxy and imide bridges between spherical microdomains. <i>High Performance Polymers</i> , 2017 , 29, 636-645	1.6	3
28	Chemical modification of rolivsans with epoxy resins. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 236-243	2.3	1
27	Heat-resistant network copolymers based on rolivsans modified with aromatic diamines. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 406-414	0.8	2
26	High-temperature chemical transformations of tetracarboxylic acid dianhydrides with aromatic diamines in rolivsan matrix. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 1346-1350	0.8	
25	High-Temperature transformations of aromatic diamines in the Rolivsan matrix. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 946-955	0.8	3
24	Progress in improving high-temperature properties of thermosetting resins: development of the microheterogeneous model for the formation of crosslinked rolivsan-epoxy blends. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	3
23	High-temperature properties of rolivsan thermosetting resins (network copolymers of (di)vinylaromatic ethers and cyclized (di)methacrylates). <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	4
22	Heat-resistant and strong glassy network copolymers of aromatic ethers (Rolivsans) containing terminal vinyl and methacrylate groups with maleic anhydride. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 1751-1759	0.8	5
21	Heat-resistant network copolymers of unsaturated polyesters with 4,4'-divinyldiphenyl dioxide. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 969-973	0.8	6
20	Heat-resistant glass-reinforced plastics based on unsaturated polyester resins modified with divinyl aromatic compounds. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1100-1108	0.8	2
19	Dielectric, physicomechanical, and thermal properties of polymer films prepared from cured 4,4'-divinyldiphenylalkanes. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1740-1747	0.8	2
18	Heat-resistant network copolymers of triethylene glycol dimethacrylate with 4,4'-divinyldiphenyl oxide and monomer-oligomer formulations based on it. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 112-119	0.8	2
17	Divinyl aromatic compounds and Di(methacrylates) prepared by acid-catalyzed transformations of bis[4-(1-hydroxyethyl)phenyl]alkanes. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 1783-1794	0.8	3

16	Mechanism of formation, structure, and properties of heat-resistant network polymers prepared by thermal curing of Rolivsans. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1270-1280	0.8	9
15	Acid-catalyzed oligomerization of aromatic ethers (Rolivsans) with terminal styrene and methacrylate groups. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 623-628	0.8	2
14	Synthesis of rolivsans containing unsaturated biphenyl units by acid-catalyzed transformations of 4,4'-di(1-hydroxyethyl)biphenyl. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 783-789	0.8	2
13	Alkali resistance of cured rolivsans and glass-reinforced plastics based on them. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1700-1704	0.8	2
12	Statistical Analysis of the Microstructure and Mechanical Properties of Rolivsans in the Course of Thermal Curing. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 613-617	0.8	4
11	Synthesis, Structure, Composition, and Properties of Rolivsans. <i>Russian Journal of Applied Chemistry</i> , 2003 , 76, 634-638	0.8	6
10	Synthesis and Thermal Transformations of Bis[4-(1-hydroxyethyl)phenyl] Ether Dimethacrylate. <i>Russian Journal of Applied Chemistry</i> , 2003 , 76, 1662-1668	0.8	6
9	Proton-transfer polyaddition reactions in syntheses of linear, branched, and functionalized poly(p-divinyl aromatics). I. Synthesis, kinetics, and mechanism of formation of linear unsaturated poly[bis(p-vinylphenyl) ether]. <i>Journal of Polymer Science Part A</i> , 1996 , 34, 1165-1181	2.5	9
8	Acid-catalyzed dimerization and aralkylation in divinylaromatic compound-aromatic solvent systems. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1990 , 39, 2323-2330		3
7	Effect of dissipative properties of the binder on the process of failure of carbon-reinforced plastics. <i>Mechanics of Composite Materials</i> , 1987 , 22, 706-712	1.1	2
6	Acid-catalyzed reactions of a dissecondary aromatic diol with alkanols. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1986 , 35, 75-80		
5	Thermal and catalytic cleavage of 4,4'-DI(1-ethoxyethyl)diphenyl ether. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1983 , 32, 870-870		
4	Cleavage of 4,4'-bis(1-acetoxyethyl)diphenyl ether. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1982 , 31, 1672-1674		1
3	Synthesis and properties of some ketoarylenes and their derivatives. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1981 , 30, 459-466		
2	Comparative thermal analysis of thermally stable polymers and model compounds 1. Polyphenylene and related compounds. <i>Thermochimica Acta</i> , 1977 , 19, 141-145	2.9	3
1	Determination of conformations of some o-alkylnitrobenzenes based on refraction exaltation. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1975 , 24, 2208-2210		1