

Boris Zaitsev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8218434/publications.pdf>

Version: 2024-02-01

34
papers

116
citations

1477746

6
h-index

1588620

8
g-index

34
all docs

34
docs citations

34
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	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	11
2	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.	0.1	10
3	Synthesis, Structure, Composition, and Properties of Rolivsans. <i>Russian Journal of Applied Chemistry</i> , 2003, 76, 634-638.	0.1	7
4	Synthesis and Thermal Transformations of Bis[4-(1-hydroxyethyl)phenyl] Ether Dimethacrylate. <i>Russian Journal of Applied Chemistry</i> , 2003, 76, 1662-1668.	0.1	7
5	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.	0.1	7
6	Heat-resistant network copolymers of unsaturated polyesters with 4,4'-divinyldiphenyl dioxide. <i>Russian Journal of Applied Chemistry</i> , 2012, 85, 969-973.	0.1	6
7	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.	0.1	6
8	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.	0.1	5
9	High-temperature properties of rolivsan thermosetting resins (network copolymers of) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1.2	1.2	5
10	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.	0.0	4
11	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.	1.2	4
12	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.	0.8	4
13	Heat-resistant network copolymers based on rolivsans modified with aromatic diamines. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 406-414.	0.1	4
14	High-Temperature transformations of aromatic diamines in the Rolivsan matrix. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 946-955.	0.1	4
15	Comparative thermal analysis of thermally stable polymers and model compounds 1. Polyphenylene and related compounds. <i>Thermochimica Acta</i> , 1977, 19, 141-145.	1.2	3
16	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.	0.9	3
17	Alkali resistance of cured rolivsans and glass-reinforced plastics based on them. <i>Russian Journal of Applied Chemistry</i> , 2006, 79, 1700-1704.	0.1	3
18	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.	0.1	3

#	ARTICLE	IF	CITATIONS
19	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.	0.8	3
20	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.	0.0	2
21	Acid-catalyzed oligomerization of aromatic ethers (Rolivsans) with terminal styrene and methacrylate groups. <i>Russian Journal of Applied Chemistry</i> , 2007, 80, 623-628.	0.1	2
22	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.	0.1	2
23	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.	0.1	2
24	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.	0.1	2
25	Chemical modification of rolivsans with epoxy resins. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 236-243.	0.1	2
26	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.	0.1	2
27	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.	0.0	1
28	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.	1.2	1
29	Estimate of Hyperconjugation Strength in Alkylaromatics and Unsaturated Hydrocarbons Derived from Refractometric Data. <i>Current Organic Chemistry</i> , 2020, 23, 2598-2613.	0.9	1
30	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.	0.0	0
31	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.	0.0	0
32	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.	0.0	0
33	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.	0.1	0
34	Quantitative Estimate of the Resonance Effects in some Unsaturated, Monocyclic, and Aromatic Hydrocarbons Based on the Renewed Optical Exaltations. <i>Current Organic Chemistry</i> , 2021, 25, .	0.9	0