# Boris Zaitsev

## List of Publications by Citations



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|---|---|---|---|
| 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 | Mechanism of formation, structure, and properties of heat-resistant network polymers prepared by thermal curing of Rolivsans. *Russian Journal of Applied Chemistry*, **2010**, 83, 1270-1280 | 0.8 | 9 |
| 32 | 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]. *Journal of Polymer Science Part A*, **1996**, 34, 1165-1181 | 2.5 | 9 |
| 31 | Heat-resistant network copolymers of unsaturated polyesters with 4,4?-divinyldiphenyl dioxide. *Russian Journal of Applied Chemistry*, **2012**, 85, 969-973 | 0.8 | 6 |
| 30 | Synthesis, Structure, Composition, and Properties of Rolivsans. *Russian Journal of Applied Chemistry* , **2003**, 76, 634-638 | 0.8 | 6 |
| 29 | Synthesis and Thermal Transformations of Bis[4-(1-hydroxyethyl)phenyl] Ether Dimethacrylate. *Russian Journal of Applied Chemistry*, **2003**, 76, 1662-1668 | 0.8 | 6 |
| 28 | Heat-resistant and strong glassy network copolymers of aromatic ethers (Rolivsans) containing terminal vinyl and methacrylate groups with maleic anhydride. *Russian Journal of Applied Chemistry*, **2013**, 86, 1751-1759 | 0.8 | 5 |
| 27 | High-temperature properties of rolivsan thermosetting resins (network copolymers of (di)vinylaromatic ethers and cyclized (di)methacrylates). *Journal of Polymer Research*, **2015**, 22, 1 | 2.7 | 4 |
| 26 | Statistical Analysis of the Microstructure and Mechanical Properties of Rolivsans in the Course of Thermal Curing. *Russian Journal of Applied Chemistry*, **2004**, 77, 613-617 | 0.8 | 4 |
| 25 | Novel polycondensation method of improving high-temperature properties of microheterogeneous rolivsan copolymers modified by inserting epoxy and imide bridges between spherical microdomains. *High Performance Polymers*, **2017**, 29, 636-645 | 1.6 | 3 |
| 24 | High-Temperature transformations of aromatic diamines in the Rolivsan matrix. *Russian Journal of Applied Chemistry*, **2017**, 90, 946-955 | 0.8 | 3 |
| 23 | Divinyl aromatic compounds and Di(methacrylates) prepared by acid-catalyzed transformations of bis[4-(1-hydroxyethyl)phenyl]alkanes. *Russian Journal of Applied Chemistry*, **2011**, 84, 1783-1794 | 0.8 | 3 |
| 22 | Acid-catalyzed dimerization and aralkylation in divinylaromatic compound-aromatic solvent systems. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 2323-2330 | | 3 |
| 21 | Comparative thermal analysis of thermally stable polymers and model compounds 1. Polyphenylene and related compounds. *Thermochimica Acta*, **1977**, 19, 141-145 | 2.9 | 3 |
| 20 | Progress in improving high-temperature properties of thermosetting resins: development of the microheterogeneous model for the formation of crosslinked rolivsan-epoxy blends. *Journal of Polymer Research*, **2016**, 23, 1 | 2.7 | 3 |
| 19 | Combination of polymerization and polycondensation in the synthesis, chemical modification, and cure of rolivsan thermosetting resins. *High Performance Polymers*, **2018**, 30, 211-223 | 1.6 | 2 |
| 18 | Heat-resistant network copolymers based on rolivsans modified with aromatic diamines. *Russian Journal of Applied Chemistry*, **2017**, 90, 406-414 | 0.8 | 2 |
| 17 | Heat-resistant glass-reinforced plastics based on unsaturated polyester resins modified with divinyl aromatic compounds. *Russian Journal of Applied Chemistry*, **2012**, 85, 1100-1108 | 0.8 | 2 |

# List of Publications

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|---|---|---|---|
| 16 | Dielectric, physicomechanical, and thermal properties of polymer films prepared from cured 4,4?-divinyldiphenylalkanes. *Russian Journal of Applied Chemistry*, **2012**, 85, 1740-1747 | 0.8 | 2 |
| 15 | Heat-resistant network copolymers of triethylene glycol dimethacrylate with 4,4?-divinyldiphenyl oxide and monomer-oligomer formulations based on it. *Russian Journal of Applied Chemistry*, **2012**, 85, 112-119 | 0.8 | 2 |
| 14 | Acid-catalyzed oligomerization of aromatic ethers (Rolivsans) with terminal styrene and methacrylate groups. *Russian Journal of Applied Chemistry*, **2007**, 80, 623-628 | 0.8 | 2 |
| 13 | Synthesis of rolivsans containing unsaturated biphenyl units by acid-catalyzed transformations of 4,4?-di(1-hydroxyethyl)biphenyl. *Russian Journal of Applied Chemistry*, **2007**, 80, 783-789 | 0.8 | 2 |
| 12 | Alkali resistance of cured rolivsans and glass-reinforced plastics based on them. *Russian Journal of Applied Chemistry*, **2006**, 79, 1700-1704 | 0.8 | 2 |
| 11 | Effect of dissipative properties of the binder on the process of failure of carbon-reinforced plastics. *Mechanics of Composite Materials*, **1987**, 22, 706-712 | 1.1 | 2 |
| 10 | Chemical modification of rolivsans with epoxy resins. *Russian Journal of Applied Chemistry*, **2017**, 90, 236-243 | 0.8 | 1 |
| 9 | Cleavage of 4,4?-bis(1-acetoxyethyl)diphenyl ether. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1982**, 31, 1672-1674 | | 1 |
| 8 | Determination of conformations of some o-alkylnitrobenzenes based on refraction exaltation. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 2208-2210 | | 1 |
| 7 | Heat-Resistant Network Block Copolymers Based on Rolivsans Modified with Tetracarboxylic Anhydrides and Aromatic Tetraamines. *Russian Journal of Applied Chemistry*, **2018**, 91, 1029-1034 | 0.8 | 1 |
| 6 | Estimate of Hyperconjugation Strength in Alkylaromatics and Unsaturated Hydrocarbons Derived from Refractometric Data. *Current Organic Chemistry*, **2020**, 23, 2598-2613 | 1.7 | 0 |
| 5 | High-temperature chemical transformations of tetracarboxylic acid dianhydrides with aromatic diamines in rolivsan matrix. *Russian Journal of Applied Chemistry*, **2017**, 90, 1346-1350 | 0.8 | |
| 4 | Acid-catalyzed reactions of a disecondary aromatic diol with alkanols. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 75-80 | | |
| 3 | Synthesis and properties of some ketoarylenes and their derivatives. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 459-466 | | |
| 2 | Thermal and catalytic cleavage of 4,4bDI(1-ethoxyethyl)diphenyl ether. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 870-870 | | |
| 1 | Studies of Formation Mechanism, Structure, and Properties of Network Copolymers Obtained by Cocuring of Rolivsan Thermosetting Resins with Aromatic Diamines. *International Journal of Polymer Science*, **2019**, 2019, 1-15 | 2.4 | |