

# Sergey Kolesov

## List of Publications by Citations

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138  
papers

460  
citations

10  
h-index

15  
g-index

141  
ext. papers

506  
ext. citations

1.2  
avg, IF

3.34  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 138 | New Developments in Degradation and Stabilization of Polymers Based on Vinyl Chloride. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , <b>1981</b> , 20, 243-308                            |     | 45        |
| 137 | Plastic Scintillators Based on Polymethyl Methacrylate: A Review. <i>Instruments and Experimental Techniques</i> , <b>2005</b> , 48, 273-282   | 0.5 | 20        |
| 136 | Quantum chemical modeling of the addition reactions of 1-n-phenylpropyl radicals to C60 fullerene. <i>International Journal of Quantum Chemistry</i> , <b>2016</b> , 116, 489-496  | 2.1 | 15        |
| 135 | Fullerene C60 in copolymerization of allyl chloride with methyl methacrylate. <i>Polymer Science - Series A</i> , <b>2008</b> , 50, 260-264  | 1.2 | 15        |
| 134 | The stabilizing action of $\beta$ -dicarbonyl compounds in the thermal decomposition of poly(vinyl chloride). <i>Polymer Degradation and Stability</i> , <b>1986</b> , 15, 305-310   | 4.7 | 14        |
| 133 | Ways of poly (vinyl chloride) stabilization. <i>Journal of Vinyl Technology</i> , <b>1980</b> , 2, 141-151   |     | 13        |
| 132 | Free-radical chain oxidation of 1,4-dioxane and styrene in the presence of fullerene C60. <i>Kinetics and Catalysis</i> , <b>2013</b> , 54, 709-715  | 1.5 | 12        |
| 131 | The reason for the low stability of poly(vinyl chloride) – a review. <i>Polymer Degradation and Stability</i> , <b>1986</b> , 16, 99-133   | 4.7 | 12        |
| 130 | Enzymatic degradation of chitosan films by collagenase. <i>Polymer Science - Series B</i> , <b>2006</b> , 48, 244-246  | 0.8 | 11        |
| 129 | Stabilization of poly(vinyl chloride) by $\beta$ -dicarbonyl compounds. <i>European Polymer Journal</i> , <b>1989</b> , 25, 1245-1250  | 5.2 | 10        |
| 128 | Transport properties of Chitosan-Amikacin films. <i>Russian Journal of Physical Chemistry B</i> , <b>2014</b> , 8, 596-603   | 3.2 | 9         |
| 127 | Metallocene catalysis in the complex-radical polymerization of methyl methacrylate. <i>Kinetics and Catalysis</i> , <b>2012</b> , 53, 470-476  | 1.5 | 9         |
| 126 | Stereospecific Radical Polymerization of Methyl Methacrylate in the Presence of Titanocene Dichloride. <i>Doklady Physical Chemistry</i> , <b>2002</b> , 386, 211-214  | 0.8 | 9         |
| 125 | 2-Phenyl-5-(4-Biphenyl)-1,3,4-Oxadiazole and 2-(4'-tert-Butylphenyl-5)-(4''biphenyl)-1,3,4-Oxadiazole in a Polymethyl Methacrylate Based Plastic Scintillator. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 1655-1658 | 0.8 | 9         |
| 124 | Specific transport properties of medicinal chitosan films. <i>Polymer Science - Series A</i> , <b>2014</b> , 56, 289-295   | 1.2 | 8         |
| 123 | Modification of hyaluronic acid and chitosan, aimed at developing hydrogels for ophthalmology. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 1547-1557   | 0.8 | 8         |
| 122 | Interaction of fullerene C60 with allylbenzene and allyl chloride. <i>Polymer Science - Series B</i> , <b>2006</b> , 48, 324-327   | 0.8 | 8         |

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| 121 | Radical (Co)polymerization of allyl methacrylate in the presence of fullerene C60. <i>Doklady Chemistry</i> , <b>2006</b> , 408, 90-91  | 0.8 | 7 |
| 120 | Structural physical effects at thermal degradation of PVC in complex polymer objects. <i>Journal of Applied Polymer Science</i> , <b>1999</b> , 73, 85-89                               | 2.9 | 7 |
| 119 | Regularities of postpolymerization in a vinyl monomer-metallocene-radical initiator system. <i>Polymer Science - Series B</i> , <b>2015</b> , 57, 71-76                                 | 0.8 | 6 |
| 118 | UV spectroscopy of monosubstituted derivatives of 1,2-dihydro-C60-fullerenes. <i>Journal of Structural Chemistry</i> , <b>2012</b> , 53, 1081-1086                                      | 0.9 | 6 |
| 117 | Activity of diallylamido-bis(diethylamido)guanidinium chloride in radical polymerization reactions. <i>Polymer Science - Series B</i> , <b>2007</b> , 49, 172-176                       | 0.8 | 6 |
| 116 | Copolymerization of diallyl isophthalate with methyl methacrylate and styrene in the presence of C60 fullerene. <i>Polymer Science - Series B</i> , <b>2008</b> , 50, 168-171           | 0.8 | 6 |
| 115 | A Study of Structure Formation in Chitosan-Polyvinyl Alcohol Blends by Turbidity Spectroscopy. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1486-1488                | 0.8 | 6 |
| 114 | Possible causes of the constancy in the intrinsic viscosity of chitosan. <i>Polymer Science - Series A</i> , <b>2015</b> , 57, 508-514  | 1.2 | 5 |
| 113 | On the initial stage of the free-radical polymerizations of styrene and methyl methacrylate in the presence of fullerene C60. <i>Kinetics and Catalysis</i> , <b>2016</b> , 57, 380-387 | 1.5 | 5 |
| 112 | Complex-radical polymerization of methyl methacrylate in the presence of metallocenes. <i>Polymer Science - Series B</i> , <b>2009</b> , 51, 226-232                                    | 0.8 | 5 |
| 111 | Transport properties of chitosan films. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 810-812   | 0.8 | 5 |
| 110 | Macromolecular effects upon enzymatic degradation of chitosan in solution. <i>Polymer Science - Series B</i> , <b>2008</b> , 50, 172-174  | 0.8 | 5 |
| 109 | The Degradation of PVC Blends with Poly-ε-blefins. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>1994</b> , 24, 123-129                           | 3   | 5 |
| 108 | Effect of macromolecular chemical structure and isomerism on the stability of poly(vinyl chloride). <i>Polymer Degradation and Stability</i> , <b>1984</b> , 9, 103-121                 | 4.7 | 5 |
| 107 | On the Stability of Aqueous Nanodispersions of Polyelectrolyte Complexes Based on Chitosan and N-Succinyl-Chitosan. <i>Polymer Science - Series A</i> , <b>2019</b> , 61, 253-259       | 1.2 | 4 |
| 106 | Effect of metallocenes on benzoyl peroxide decomposition. <i>Kinetics and Catalysis</i> , <b>2015</b> , 56, 71-75   | 1.5 | 4 |
| 105 | Quantitative UV Spectrophotometric Analysis of Mixtures of Substituted C60 Fullerenes. <i>Journal of Applied Spectroscopy</i> , <b>2015</b> , 82, 644-652                               | 0.7 | 4 |
| 104 | Reactions of fullerene C60 with methyl methacrylate radicals: A density functional theory study. <i>International Journal of Quantum Chemistry</i> , <b>2020</b> , 120, e26335          | 2.1 | 4 |

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| 103 | Initiation of complex-radical polymerization of methyl methacrylate in the presence of metallocenes. <i>Polymer Science - Series B</i> , <b>2012</b> , 54, 197-204   | 0.8 | 4 |
| 102 | Synthesis and biological properties of copolymers based on N,N-diallyl-N,N-dimethylammonium chloride. <i>Pharmaceutical Chemistry Journal</i> , <b>2013</b> , 46, 653-655  | 0.9 | 4 |
| 101 | UV spectroscopy of methanofullerene derivatives with different degrees of substitution. <i>Russian Journal of Physical Chemistry A</i> , <b>2013</b> , 87, 1692-1695   | 0.7 | 4 |
| 100 | UV spectroscopic quantitative determination of methanofullerene derivatives with a different degree of substitution. <i>Journal of Structural Chemistry</i> , <b>2013</b> , 54, 719-723  | 0.9 | 4 |
| 99  | The quantum-chemical analysis of mechanism of radical-initiated polymerization of styrene in the presence of ferrocene. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 374-376  | 1.9 | 4 |
| 98  | Preparation of Enzyme-Containing Chitosan Films. <i>Pharmaceutical Chemistry Journal</i> , <b>2015</b> , 49, 196-198   | 0.9 | 4 |
| 97  | Kinetics of the enzymatic hydrolysis of chitosan films. <i>Russian Journal of Physical Chemistry B</i> , <b>2015</b> , 9, 237-241  | 1.2 | 4 |
| 96  | Preparation of ion-exchange fiber from polypropylene waste with grafted polyacrylic acid. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 853-855  | 0.8 | 4 |
| 95  | Diallylacylhydrazines as monomers for polyfunctional water-soluble polymers. <i>Russian Chemical Bulletin</i> , <b>2003</b> , 52, 2750-2751  | 1.7 | 4 |
| 94  | Simulation of Potentially Possible Reactions at the Initial Stages of Free-Radical Polymerization of Styrene and Methyl Methacrylate in the Presence of Fullerene C60. <i>Polymer Science - Series B</i> , <b>2018</b> , 60, 414-420 | 0.8 | 4 |
| 93  | Kinetic scheme and rate constants for methyl methacrylate synthesis occurring via the radical coordination mechanism. <i>Kinetics and Catalysis</i> , <b>2017</b> , 58, 122-132  | 1.5 | 3 |
| 92  | Specific feature of water vapor sorption by chitosan medicated films. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1537-1544  | 0.8 | 3 |
| 91  | Microparticles based on chitosan hyaluronic acid interpolyelectrolyte complex, which provide stability of aqueous dispersions. <i>Russian Journal of Applied Chemistry</i> , <b>2017</b> , 90, 219-224                               | 0.8 | 3 |
| 90  | Copolymer of N,N-diallyl-N,N-dimethylammonium chloride with sulfur dioxide as carrier of drugs. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 1758-1763  | 0.8 | 3 |
| 89  | Kinetics of the complex-radical polymerization of methyl methacrylate in the presence of initiating metallocene systems. <i>Kinetics and Catalysis</i> , <b>2009</b> , 50, 168-173   | 1.5 | 3 |
| 88  | Thermal modification of chitosan films as a way to control their transport properties. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 1479-1482   | 0.8 | 3 |
| 87  | Vinyl-gem-dichlorocyclopanes in radical polymerization. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 925-928  | 0.7 | 3 |
| 86  | Enzymatic degradation of chitosan films under the action of nonspecific enzymes. <i>Polymer Science - Series B</i> , <b>2008</b> , 50, 175-176   | 0.8 | 3 |

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| 85 | Interaction of chitosan with Cefotaxime. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1210-1212  | 0.8  | 3 |
| 84 | Kinetic Inhomogeneity in the Radical Polymerization of Styrene in the Presence of the Benzoyl Peroxide/Metallocene System. <i>Doklady Chemistry</i> , <b>2002</b> , 386, 285-288  | 0.8  | 3 |
| 83 | The effect of the molecular mass of poly(N,N-diallyl-N,N-dimethylammonium chloride) on the particle size of its polyelectrolyte-surfactant complexes with sodium dodecylsulfate. <i>Polymer Science - Series A</i> , <b>2015</b> , 57, 266-270                        | 1.2  | 2 |
| 82 | Modeling of elementary reactions and kinetics of radical-initiated methyl methacrylate polymerization in the presence of ferrocene. <i>International Journal of Chemical Kinetics</i> , <b>2018</b> , 50, 742-756 <sup>1.4</sup>                                      | 1.4  | 2 |
| 81 | Solvent effect on the kinetics of the free-radical polymerization of styrene in the presence of fullerene C60. <i>Kinetics and Catalysis</i> , <b>2014</b> , 55, 64-68  | 1.5  | 2 |
| 80 | Quantum chemical analysis of the mechanism of the participation of C60 fullerene in the radical polymerization of styrene and mma initiated by benzoyl peroxide or azobisisobutyronitrile. <i>Russian Journal of Physical Chemistry B</i> , <b>2017</b> , 11, 492-498 | 1.2  | 2 |
| 79 | On the possibility of preparing stable silver iodide nanosols in the presence of chitosan used as a polymer stabilizer. <i>Russian Journal of Physical Chemistry B</i> , <b>2017</b> , 11, 513-520  | 1.2  | 2 |
| 78 | 2-[(Diallyl)hydroxymethyl]pyrrolidine in radical (co)polymerization reactions. <i>Polymer Science - Series B</i> , <b>2011</b> , 53, 313-316  | 0.8  | 2 |
| 77 | A study of the radical polymerization of styrene in the presence of ferrocene. <i>Russian Journal of Physical Chemistry B</i> , <b>2011</b> , 5, 131-138  | 1.2  | 2 |
| 76 | Photoinduced Postpolymerization of vinyl monomers in the presence of metallocenes. <i>Doklady Physical Chemistry</i> , <b>2009</b> , 424, 21-23   | 0.8  | 2 |
| 75 | Radical copolymerization of N,N-diallyl-N,N-dimethylammonium chloride and maleic acid in various solvents. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 1046-1051  | 0.8  | 2 |
| 74 | Composition of fullerene-containing styrene-diallyl isophthalate copolymers. <i>Polymer Science - Series B</i> , <b>2010</b> , 52, 459-464  | 0.8  | 2 |
| 73 | Enzymatic degradation of modified chitosan films. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1178-1180   | 1.80 | 2 |
| 72 | Azanorbornenes in radical polymerization reactions. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1712-1716   | 1.16 | 2 |
| 71 | Diallylaminophosphonium salts in radical polymerization reactions. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 840-844  | 0.8  | 2 |
| 70 | Stabilization of poly(vinyl chloride) by elemental sulfur. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 99, 2885-2887  | 2.9  | 2 |
| 69 | Films of chitosan-based complexes with controlled release of Levomycetin. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1718-1720   | 0.8  | 2 |
| 68 | Copolymers Based on Diallylhydrazines. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1160-1164  | 0.8  | 2 |

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| 67 | Absorption and Luminescence Spectra of 1,1,3-Trimethyl-3-Phenylindan. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 582-584  | 0.8 | 2 |
| 66 | 1,1,3-Trimethyl-3-phenylindan as a Luminescent Additive to a Plastic Scintillator Based on Poly(methyl Methacrylate). <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 804-808                          | 0.8 | 2 |
| 65 | Enzymatic Stability of Chitosan Interpolyelectrolyte Complex Nanoparticles. <i>Russian Journal of Physical Chemistry B</i> , <b>2020</b> , 14, 1049-1054   | 1.2 | 2 |
| 64 | Microparticles of Polyelectrolyte Complexes Based on Poly-N,N-Diallyl-N,N-Dimethylammonium Chloride Modified with Some Amino Acids. <i>Russian Journal of Physical Chemistry B</i> , <b>2020</b> , 14, 194-197         | 1.2 | 2 |
| 63 | Metal Complexes of Pharmacophore-Containing Pectin with d-Elements Ions (Cu <sup>2+</sup> , Co <sup>2+</sup> , and Mn <sup>2+</sup> ). <i>Russian Journal of General Chemistry</i> , <b>2020</b> , 90, 660-666         | 0.7 | 1 |
| 62 | Spectral Luminescent study of a hydrogel based on hyaluronic acid dialdehyde and chitosan succinate containing the Lucentis drug. <i>High Energy Chemistry</i> , <b>2018</b> , 52, 34-37                               | 0.9 | 1 |
| 61 | Copolymer of N,N-diallyl-N,N-dimethylammonium chloride with maleic acid as drug carrier. <i>Russian Journal of Applied Chemistry</i> , <b>2016</b> , 89, 160-164   | 0.8 | 1 |
| 60 | Modified Hyaluronic Acid as A Carrier of Mitomycin C for Ophthalmology. <i>Chemistry of Natural Compounds</i> , <b>2014</b> , 50, 230-232  | 0.7 | 1 |
| 59 | Peculiarities of viscometric studies of enzymatic hydrolysis of chitosan. <i>Inorganic Materials: Applied Research</i> , <b>2014</b> , 5, 164-167  | 0.6 | 1 |
| 58 | Use of the method of determination of concentrations of reducing sugars on chitosan enzymatic hydrolysis. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 156-158                                      | 0.8 | 1 |
| 57 | Catalytic and inhibiting effects of ferrocene on the bulk radical coordination polymerization of methyl methacrylate from the standpoint of formal kinetics. <i>Kinetics and Catalysis</i> , <b>2017</b> , 58, 133-139 | 1.5 | 1 |
| 56 | Maximum permissible estimates of parameters of physicochemical models. <i>Doklady Physical Chemistry</i> , <b>2015</b> , 464, 231-233  | 0.8 | 1 |
| 55 | Microparticles of poly-N,N-diallyl-N,N-dimethylammonium chloride polyelectrolyte complexes as drug carriers. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 1494-1499                                 | 0.8 | 1 |
| 54 | New opportunities in synthesis of fullerene-containing polymers of allyl series. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 854-858   | 0.8 | 1 |
| 53 | Ternary copolymerization involving diallyl compounds and sulfur dioxide. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 1940-1944   | 0.8 | 1 |
| 52 | A study of the interaction of chitosan with cefazolin. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 931-934   | 0.8 | 1 |
| 51 | Solvent effect on radical copolymerization of N,N-diallyl-N,N-dimethylammonium chloride and vinyl acetate. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 1461-1466                                   | 0.8 | 1 |
| 50 | Complex formation of chitosan with amikacin and gentamicin antibiotics. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 1059-1061  | 0.8 | 1 |

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| 49 | The structure of homopolymers of vinyl-gem-dichlorocyclopropanes. <i>Doklady Chemistry</i> , <b>2008</b> , 418, 15-16.8  |     | 1 |
| 48 | Optically active polymeric salts prepared from amino acids and polysulfonylpyrrolidinium chloride. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 290-293   | 0.8 | 1 |
| 47 | Stabilization of polymers of vinylchloride with sulfur. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 101, 4538-4542   | 0.8 | 1 |
| 46 | Copolymerization of N-vinylpyrrolidone with 3-methacryloyloxytetrahydrothiophene 1,1?-dioxide. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 997-1000  | 0.8 | 1 |
| 45 | Principles of radiation protection of poly(methyl methacrylate). <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1393-1402   | 0.8 | 1 |
| 44 | Preparation of Metal Carboxylates and Their Stabilizing Performance under Intense High-Pressure Shear Treatment. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 842-845   | 0.8 | 1 |
| 43 | Sulfuric Acid Alkylation of Isobutane with Butylenes in a Continuous Flow Tubular Contactor. <i>Chemistry and Technology of Fuels and Oils</i> , <b>2002</b> , 38, 228-232   | 0.4 | 1 |
| 42 | Supramolecular Effect in Initiated Oxidation of Polyisoprene and Polyisoprene-Polybutadiene Blends in Chlorobenzene Solution. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 484-486  | 0.8 | 1 |
| 41 | Graphitization of Polyacetylenes Prepared by Phase-Transfer Dehydrochlorination of Polyvinyl Chloride. <i>Russian Journal of Applied Chemistry</i> , <b>2001</b> , 74, 1928-1932   | 0.8 | 1 |
| 40 | Some Properties of Crystalline Polyacetylenes of Various Density. <i>Russian Journal of Applied Chemistry</i> , <b>2001</b> , 74, 478-482  | 0.8 | 1 |
| 39 | Problems of Degradation and Stabilization of Polyvinyl Chloride in Blends with Other Polymers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>1990</b> , 13, 157-167                                    | 3   | 1 |
| 38 | Multiple Addition of 2-Cyano-Iso-Propyl Radicals to Fullerene C60. <i>Russian Journal of Physical Chemistry B</i> , <b>2020</b> , 14, 922-928  | 1.2 | 1 |
| 37 | Specific Features of the Formation of Aqueous Nanodispersions of Interpolyelectrolyte Complexes based of Chitosan and Chitosan Succinamide. <i>Russian Journal of General Chemistry</i> , <b>2018</b> , 88, 1694-1698                        | 0.7 | 1 |
| 36 | On the radical polymerization of 3-vinyl-4,5-dihydro-3H-pyrazole. <i>Doklady Chemistry</i> , <b>2010</b> , 430, 1-3  | 0.8 | 0 |
| 35 | Radiation Aging of Cross-Linked Poly(Methyl Methacrylates). <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 271-275  | 0.8 | 0 |
| 34 | Reaction of oxochloroalkenes with phosphorous acid esters. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1985</b> , 34, 1009-1011   |     | 0 |
| 33 | The Role of a Metallocene Additive in Radically Initiated Polymerization when Solving Direct and Inverse Kinetic Problems. <i>Kinetics and Catalysis</i> , <b>2018</b> , 59, 247-254   | 1.5 | 0 |
| 32 | Nanoparticles of self-organizing ionic complexes based on a copolymer of N,N?-diallyl-N,N?-dimethylammonium chloride with N-vinylpyrrolidone modified by betulonic acid. <i>Reactive and Functional Polymers</i> , <b>2021</b> , 165, 104968 | 4.6 | 0 |



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| 31 | Intermolecular Interactions of Apple Pectin with L-Phenylalanine and L-Histidine in Aqueous Solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2021</b> , 95, 1835-1840   | 0.7 | 0 |
| 30 | Copolymerization of Methyl Methacrylate and Styrene in Presence of Cyclopentadienyl Complexes of Iron, Titanium, and Manganese. <i>Polymer Science - Series B</i> , <b>2019</b> , 61, 231-239                                 | 0.8 |   |
| 29 | Solubility series of methanofullerenes in concentrated sulfuric acid. <i>Russian Journal of Physical Chemistry A</i> , <b>2015</b> , 89, 2238-2242  | 0.7 |   |
| 28 | Formation of Copper(II) Complexes with Low- and High-Methoxylated Pectins Modified with Salicylic and Anthranilic Acids. <i>Russian Journal of General Chemistry</i> , <b>2020</b> , 90, 2134-2140                            | 0.7 |   |
| 27 | Iron Metal Complexes as Catalysts for the Radical-Initiated Homo- and Copolymerization of Methacrylates. <i>Kinetics and Catalysis</i> , <b>2019</b> , 60, 281-289  | 1.5 |   |
| 26 | Fullerene-containing polymers: UV spectroscopic study. <i>Polymer Science - Series A</i> , <b>2012</b> , 54, 459-464  | 1.2 |   |
| 25 | Creating Chitosan-Based Prolonged-Release Film Coatings. <i>Pharmaceutical Chemistry Journal</i> , <b>2014</b> , 48, 543-545  | 0.9 |   |
| 24 | Self-organization of poly(methyl methacrylate) and polystyrene macromolecules functionalized by fullerene C60. <i>Polymer Science - Series A</i> , <b>2012</b> , 54, 798-802  | 1.2 |   |
| 23 | The effect of ferrocene on the initial rate of the radical polymerization of styrene in the presence of fullerene C60. <i>Polymer Science - Series B</i> , <b>2011</b> , 53, 371-374  | 0.8 |   |
| 22 | About allyl methacrylate polymerization in the presence of PdCl <sub>2</sub> . <i>Doklady Chemistry</i> , <b>2010</b> , 435, 283-285  | 0.8 |   |
| 21 | A Quantum-chemical study of the mechanism of formation of styrene polymerization centers under initiation by the ferrocene-benzoyl peroxide system. <i>Russian Journal of Physical Chemistry B</i> , <b>2009</b> , 3, 674-678 | 1.2 |   |
| 20 | Thermodynamic characteristics of fullerene-containing poly(methyl methacrylate-co-allyl methacrylate) and the C60-free copolymer analog. <i>Polymer Science - Series A</i> , <b>2010</b> , 52, 515-521                        | 1.2 |   |
| 19 | Effect of metallocenes on the photoinduced postpolymerization of vinyl monomers. <i>Polymer Science - Series B</i> , <b>2010</b> , 52, 214-220  | 0.8 |   |
| 18 | Degradation of enzyme-containing chitosan films. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1175-1177  | 0.8 |   |
| 17 | Postpolymerization of oligoether acrylate formed by reaction of diethylene glycol diglycidyl ether with acrylic acid. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 331-332                                 | 0.8 |   |
| 16 | Effect of fullerene C60 on copolymerization parameters of methyl methacrylate with compounds containing allyl bond. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 663-667                                   | 0.8 |   |
| 15 | Copolymerization of N,N-diallyl-N'-benzoylhydrazine with acrylonitrile and sulfur dioxide. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1350-1353  | 0.8 |   |
| 14 | Elemental sulfur as a stabilizing agent for vinyl chloride polymers. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1859-1861  | 0.8 |   |



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|----|---|-----|
| 13 | Influence of Dibenzyl-o-carborane on Radiation Aging of Polymethyl Methacrylate. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 980-984  | 0.8 |
| 12 | Development of Pyrolysis Catalysts Based on Barium Chloride for Industrial Use. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 407-414   | 0.8 |
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