# Elmira R Badamshina

List of Publications by Year
in descending order



| 39 | 467 | 949033 11 | 799663 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 39 | 39 | 39 | 619 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The investigation of triethylammonium carboxylates influence on the kinetics of urethane formation processing during waterborne polyurethane synthesis. Polymers for Advanced Technologies, 2021, 32, 2727-2734. | 1.6 | 4 |
| 2 | The effect of addition of low-layer graphene nanoparticles on structure and mechanical properties of polyurethane-based block copolymers. Polymer Bulletin, 2019, 76, 5813-5829. | 1.7 | 7 |
| 3 | Synergetic effect of fullerene and graphene oxide nanoparticles on mechanical characteristics of cross-linked polyurethanes under static and dynamic loading. Journal of Composite Materials, 2019, 53, 3797-3805. | 1.2 | 11 |
| 4 | Anionic polymerization and copolymerization of acrylonitrile initiated by systems based on bicyclic tertiary amines and ethylene oxide. Polymer Science - Series B, 2016, 58, 19-26. | 0.3 | 6 |
| 5 | Influence of curing conditions and dibutyl phthalate concentration on the properties of cured epoxy resin. Russian Journal of Applied Chemistry, 2015, 88, 2015-2020. | 0.1 | 3 |
| 6 | Regularities of the formation of silver nanoparticles with oligostyrylcarboxylate ligands. Polymer Science - Series B, 2015, 57, 608-615. | 0.3 | 8 |
| 7 | IR Spectroscopy Method for Determining The Reactivity of Isocyanate Groups in Isophorone Diisocyanate Reactions. Journal of Applied Spectroscopy, 2015, 82, 145-148. | 0.3 | 2 |
| 8 | Effect of low concentrations of carbon nanotubes on electric dipole relaxation in a polyurethane elastomer. Russian Journal of Physical Chemistry A, 2015, 89, 436-442. | 0.1 | 2 |
| 9 | Carbon nanomaterial produced by microwave exfoliation of graphite oxide: new insights. RSC Advances, 2014, 4, 587-592. | 1.7 | 70 |
| 10 | Effect of small additions of carbon nanotubes on the electrical conductivity of polyurethane elastomer. Russian Journal of Physical Chemistry A, 2014, 88, 1790-1794. | 0.1 | 7 |
| 11 | IR-Spectroscopic Study of Hydrogen Bonds in n-Butanol and its Mixtures with Various Proton Acceptors. Journal of Applied Spectroscopy, 2014, 81, 7-14. | 0.3 | 2 |
| 12 | Simulation of variations in mechanical properties of polyurethane elastomers modified with carbon nanotubes. Physical Mesomechanics, 2013, 16, 93-98. | 1.0 | 2 |
| 13 | Chain termination in polymerization of substituted oxetanes in the presence of boron trifluoride etherate. Polymer Science - Series B, 2013, 55, 116-121. | 0.3 | 2 |
| 14 | Spectroscopic kinetic study of the interaction of urethanes with amines. Kinetics and Catalysis, 2013, 54, 656-661. | 0.3 | 1 |
| 15 | Nanocomposites based on polyurethanes and carbon nanoparticles: preparation, properties and application. Journal of Materials Chemistry A, 2013, 1, 6509. | 5.2 | 55 |
| 16 | Polymeric nanocomposites containing non-covalently bonded fullerene C60: properties and applications. Journal of Materials Chemistry, 2012, 22, 9427. | 6.7 | 57 |
| 17 | Properties of nanocomposites based on crosslinked elastomeric polyurethane and ultrasmall additives of single-wall carbon nanotubes. Polymer Science - Series A, 2012, 54, 290-298. | 0.4 | 16 |
| 18 | Synthesis and physicochemical properties of polyurethane block copolymers and their compositions with plasticizers. Russian Chemical Bulletin, 2011, 60, 1933-1939. | 0.4 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | New polynitrogen hyperbranched polymers. Russian Chemical Bulletin, 2011, 60, 1940-1943. | 0.4 | 7 |
| 20 | The role of azide groups in the reactions of oligodiols with diisocyanates. Polymer Science - Series B, 2011, 53, 505-510. | 0.3 | 3 |
| 21 | Phase diagrams of blends of azide-containing polyoxetanes. Polymer Science - Series A, 2011, 53, 1061-1068. | 0.4 | 2 |
| 22 | Phase equilibrium and interdiffusion in the oligo(3,3-bis(azidomethyl)oxetane)-oligo(3-methyl-3-azidomethyloxetane) system. Polymer Science - Series A, 2010, 52, 272-278. | 0.4 | 4 |
| 23 | Cationic polymerization of 3-azidomethyl-3-methyloxetane in the presence of the boron fluoride etherateâ€"ethylene glycol system. Polymer Science - Series B, 2010, 52, 144-150. | 0.3 | 5 |
| 24 | Hyperbranched Poly([1,2,3]â€triazoleâ€[1,3,5]â€triazine)s: An Unusual High Degree of Branching as an Effect of a Polyaddition Kinetics. Macromolecular Symposia, 2010, 296, 107-111. | 0.4 | 4 |
| 25 | Modification of carbon nanotubes and synthesis of polymeric composites involving the nanotubes. Russian Chemical Reviews, 2010, 79, 945-979. | 2.5 | 64 |
| 26 | Calculation of the effect of substitution on the yield and topological parameters of hyperbranched polymers synthesized by the cyclotrimerization of mono- and bifunctional monomers. Polymer Science - Series B, 2009, 51, 183-194. | 0.3 | 3 |
| 27 | Synthesis and Characterization of the Nitrogenâ€Rich Hyperbranched Polymers â€" Poly([1,2,3]â€Triazoleâ€[1,3,5]â€Triazine)s. Propellants, Explosives, Pyrotechnics, 2008, 33, 431-436. | 1.0 | 24 |
| 28 | â€œDormantâ€•inhibitors of urethane type as controllers of temperature modes of styrene polymerization. Russian Journal of Applied Chemistry, 2008, 81, 1821-1830. | 0.1 | 0 |
| 29 | Characteristics of fullerene C60-doped polymers. Polymer Science - Series B, 2008, 50, 215-225. | 0.3 | 28 |
| 30 | Calculation of the critical conversion and topological parameters for hyperbranched polyisocyanurate polymers prepared via cocyclotrimerization of mono- and diisocyanates. Polymer Science - Series A, 2008, 50, 74-83. | 0.4 | 8 |
| 31 | Exchange reactions of urethanes with proton-donating compounds: Kinetics of the reactions of phenyl-N-phenylurethane with butyl alcohols. Kinetics and Catalysis, 2008, 49, 52-58. | 0.3 | 4 |
| 32 | Specific features of urethane-formation reactions in azide-containing media. Polymer Science - Series A, 2007, 49, 1008-1013. | 0.4 | 4 |
| 33 | Thermal degradation of bis(azidomethyl)oxethane oligomer. Polymer Science - Series B, 2007, 49, 1-5. | 0.3 | 2 |
| 34 | Hydroxylated fullerenes and fullerene-containing poly(urethanes). Polymer Science - Series B, 2007, 49, 182-190. | 0.3 | 11 |
| 35 | New hyperbranched poly([1,2,3]-triazole-[1,3,5]-triazines). Polymer Science - Series B, 2007, 49, 301-304. | 0.3 | 7 |
| 36 | Kinetics of diisocyanate reactions with chain-extending agents. Polymer Science - Series A, 2006, 48, 382-387. | 0.4 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Synthesis of New Polyhydroxylated Fullerenes. Doklady Chemistry, 2005, 402, 75-76. | 0.2 | 1 |
| 38 | Title is missing!. Russian Journal of Electrochemistry, 2003, 39, 1137-1140. | 0.3 | 0 |
| 39 | The Formation of the Polyisocyanurate Networks Structure. International Journal of Polymeric Materials and Polymeric Biomaterials, 1993, 19, 117-125. | 1.8 | 14 |