Elmira R Badamshina

List of Publications by Year
in descending order

39	467	840728 11	713444 21
papers	citations	h-index	g-index

39	39	39	551
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.	3.2	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.	3.3	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.	2.4	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.	0.8	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.	0.5	3
6	Regularities of the formation of silver nanoparticles with oligostyrylcarboxylate ligands. Polymer Science - Series B, 2015, 57, 608-615.	0.8	8
7	IR Spectroscopy Method for Determining The Reactivity of Isocyanate Groups in Isophorone Diisocyanate Reactions. Journal of Applied Spectroscopy, 2015, 82, 145-148.	0.7	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.	0.6	2
9	Carbon nanomaterial produced by microwave exfoliation of graphite oxide: new insights. RSC Advances, 2014, 4, 587-592.	3.6	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.	0.6	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.	0.7	2
12	Simulation of variations in mechanical properties of polyurethane elastomers modified with carbon nanotubes. Physical Mesomechanics, 2013, 16, 93-98.	1.9	2
13	Chain termination in polymerization of substituted oxetanes in the presence of boron trifluoride etherate. Polymer Science - Series B, 2013, 55, 116-121.	0.8	2
14	Spectroscopic kinetic study of the interaction of urethanes with amines. Kinetics and Catalysis, 2013, 54, 656-661.	1.0	1
15	Nanocomposites based on polyurethanes and carbon nanoparticles: preparation, properties and application. Journal of Materials Chemistry A, 2013, 1, 6509.	10.3	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.	1.0	16
18	Synthesis and physicochemical properties of polyurethane block copolymers and their compositions with plasticizers. Russian Chemical Bulletin, 2011, 60, 1933-1939.	1.5	1

#	Article	IF	Citations
19	New polynitrogen hyperbranched polymers. Russian Chemical Bulletin, 2011, 60, 1940-1943.	1.5	7
20	The role of azide groups in the reactions of oligodiols with diisocyanates. Polymer Science - Series B, 2011, 53, 505-510.	0.8	3
21	Phase diagrams of blends of azide-containing polyoxetanes. Polymer Science - Series A, 2011, 53, 1061-1068.	1.0	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.	1.0	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.	0.8	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.	0.7	4
25	Modification of carbon nanotubes and synthesis of polymeric composites involving the nanotubes. Russian Chemical Reviews, 2010, 79, 945-979.	6.5	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.	0.8	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.	1.6	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.	0.5	0
29	Characteristics of fullerene C60-doped polymers. Polymer Science - Series B, 2008, 50, 215-225.	0.8	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.	1.0	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.	1.0	4
32	Specific features of urethane-formation reactions in azide-containing media. Polymer Science - Series A, 2007, 49, 1008-1013.	1.0	4
33	Thermal degradation of bis(azidomethyl)oxethane oligomer. Polymer Science - Series B, 2007, 49, 1-5.	0.8	2
34	Hydroxylated fullerenes and fullerene-containing poly(urethanes). Polymer Science - Series B, 2007, 49, 182-190.	0.8	11
35	New hyperbranched poly([1,2,3]-triazole-[1,3,5]-triazines). Polymer Science - Series B, 2007, 49, 301-304.	0.8	7
36	Kinetics of diisocyanate reactions with chain-extending agents. Polymer Science - Series A, 2006, 48, 382-387.	1.0	16

#	Article	IF	Citations
37	Synthesis of New Polyhydroxylated Fullerenes. Doklady Chemistry, 2005, 402, 75-76.	0.9	1
38	Title is missing!. Russian Journal of Electrochemistry, 2003, 39, 1137-1140.	0.9	0
39	The Formation of the Polyisocyanurate Networks Structure. International Journal of Polymeric Materials and Polymeric Biomaterials, 1993, 19, 117-125.	3.4	14