

Gulzhian Dzhardimalieva

List of Publications by Year in descending order

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212
papers

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citations

236925

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219
all docs

219
docs citations

219
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of coordination polymers with chelated units and their application in nanomaterials science. RSC Advances, 2017, 7, 42242-42288.	3.6	74
2	Kinetics and Mechanism of in situ Simultaneous Formation of Metal Nanoparticles in Stabilizing Polymer Matrix. Journal of Nanoparticle Research, 2003, 5, 497-519.	1.9	63
3	Nanostructured Materials Preparation via Condensation Ways. , 2014, , .		57
4	Self-healing and shape memory metallopolymers: state-of-the-art and future perspectives. Dalton Transactions, 2020, 49, 3042-3087.	3.3	54
5	Fabrication of nanostructured yttria stabilized zirconia multilayered films and their optical humidity sensing capabilities based on transmission. Sensors and Actuators B: Chemical, 2016, 232, 283-291.	7.8	50
6	Macromolecular metal carboxylates. Russian Chemical Reviews, 2008, 77, 259-301.	6.5	47
7	Synthesis of Copper(II) Trimesinate Coordination Polymer and Its Use as a Sorbent for Organic Dyes and a Precursor for Nanostructured Material. Polymers, 2020, 12, 1024.	4.5	43
8	Synthesis and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1997, 46, 362-370.	1.5	37
9	Polymer chemistry underpinning materials for triboelectric nanogenerators (TENGs): Recent trends. European Polymer Journal, 2021, 142, 110163.	5.4	37
10	Thermolysis of metallopolymers and their precursors as a method for the preparation of nanocomposites. Russian Chemical Reviews, 2011, 80, 257-292.	6.5	35
11	Preparation of metal-polymer nanocomposites by chemical reduction of metal ions: functions of polymer matrices. Journal of Polymer Research, 2018, 25, 1.	2.4	35
12	Direct Synthesis of Isolated L10 FePt Nanoparticles in a Robust TiO2 Matrix via a Combined Sol-gel/Pyrolysis Route. Advanced Materials, 2006, 18, 466-470.	21.0	33
13	Development of nanostructured nickel reinforced polyacrylamide via frontal polymerization for a reliable room temperature humidity sensor. European Polymer Journal, 2019, 112, 161-169.	5.4	33
14	Polymer-Immobilized Clusters and Metal Nanoparticles in Catalysis. Kinetics and Catalysis, 2020, 61, 198-223.	1.0	33
15	2-D self-healable polyaniline-polypyrrole nanoflakes based triboelectric nanogenerator for self-powered solar light photo detector with DFT study. Journal of Colloid and Interface Science, 2021, 600, 572-585.	9.4	33
16	Preparation and Properties of Nanostructured PANI Thin Film and Its Application as Low Temperature NO2 Sensor. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1428-1433.	3.7	30
17	Synthesis and characterization of copper (II) nitrate polyacrylamide & its application as opto-electronic humidity sensor. Sensors and Actuators A: Physical, 2017, 263, 415-422.	4.1	30
18	Synthesis and characterization of highly porous hexagonal shaped CeO2-Gd2O3-CoO nanocomposite and its opto-electronic humidity sensing. Applied Surface Science, 2019, 479, 326-333.	6.1	30

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19	Effects of Modified Magnetite Nanoparticles on Bacterial Cells and Enzyme Reactions. <i>Nanomaterials</i> , 2020, 10, 1499.	4.1	30
20	Macromolecular Metal Carboxylates and Their Nanocomposites. <i>Springer Series in Materials Science</i> , 2010, , .	0.6	30
21	Synthesis of stable AuAg bimetallic nanoparticles encapsulated by diblock copolymer micelles. <i>Nanoscale</i> , 2012, 4, 1658.	5.6	29
22	Design Strategies of Metal Complexes Based on Chelating Polymer Ligands and Their Application in Nanomaterials Science. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1305-1393.	3.7	28
23	Frontal Polymerization of Metal-Containing Monomers: A Topical Review. <i>Journal of Inorganic and Organometallic Polymers</i> , 2002, 12, 1-21.	1.5	27
24	Review: recent advances in the chemistry of metal chelate monomers. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1468-1527.	2.2	27
25	Metal Chelate Monomers as Precursors of Polymeric Materials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 1112-1173.	3.7	26
26	Polymer composites of nano-sized particles isolated in matrix. <i>Polymers for Advanced Technologies</i> , 1998, 9, 527-535.	3.2	25
27	The autowave modes of solid phase polymerization of metal-containing monomers in two- and three-dimensional fiberglass-filled matrices. <i>Chaos</i> , 1999, 9, 342-347.	2.5	25
28	Nanoparticles of Magnetite in Polymer Matrices: Synthesis and Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 1212-1230.	3.7	25
29	Polymer-matrix nanocomposite gas-sensing materials. <i>Inorganic Materials</i> , 2014, 50, 296-305.	0.8	22
30	Nanomaterials Preparation by Thermolysis of Metal Chelates. <i>Springer Series on Polymer and Composite Materials</i> , 2018, , .	0.7	22
31	Preparation of zinc (II) nitrate poly acryl amide (PAAm) and its optoelectronic application for humidity sensing. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7770-7777.	2.2	21
32	Chemistry of Polymeric Metal Chelates. <i>Springer Series in Materials Science</i> , 2018, , .	0.6	21
33	Frontal polymerization of acrylamide complex with nanostructured ZnS and PbS: Their characterizations and sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 460-469.	7.8	20
34	Testing the mechanical and tribological properties of new metal-polymer nanocomposite materials based on linear low-density polyethylene and Al ₆₅ Cu ₂₂ Fe ₁₃ quasicrystals. <i>Polymer Testing</i> , 2019, 74, 178-186.	4.8	20
35	Molecular design of supramolecular polymers with chelated units and their application as functional materials. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1272-1356.	2.2	18
36	Recent advances in metallopolymer-based drug delivery systems. <i>RSC Advances</i> , 2019, 9, 37009-37051.	3.6	18

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37	Reactivity of metal-containing monomers. Russian Chemical Bulletin, 1998, 47, 259-264.	1.5	17
38	Formation of cobalt nanoparticles in inorganic matrix by frontal polymerisation and thermolysis of metal-containing monomers. Physica B: Condensed Matter, 2006, 384, 282-285.	2.7	17
39	Experimental investigations on liquefied petroleum gas sensing of Cd(NO ₃) ₂ ·(AAm) ₄ ·2H ₂ O and CdS/polyacrylamide synthesized via frontal polymerization. Sensors and Actuators B: Chemical, 2011, 160, 826-834.	7.8	17
40	Fabrication and characterization of metal-core carbon-shell nanoparticles filling an aeronautical composite matrix. European Polymer Journal, 2015, 71, 140-151.	5.4	17
41	Synthesis and characterization of nanostructured MnO ₂ ·CoO and its relevance as an opto-electronic humidity sensing device. RSC Advances, 2018, 8, 20534-20542.	3.6	17
42	Structure and properties of epoxy polymer nanocomposites reinforced with carbon nanotubes. Journal of Polymer Research, 2019, 26, 1.	2.4	17
43	Gigantic stimulation in response by solar irradiation in self-healable and self-powered LPG sensor based on triboelectric nanogenerator: Experimental and DFT computational study. Sensors and Actuators B: Chemical, 2022, 359, 131573.	7.8	17
44	Preparation and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1993, 42, 1661-1665.	1.5	16
45	Conjugated Thermolysis of Metal Chelate Monomers Based on Cobalt Acrylate Complexes with Polypyridyl Ligands and Tribological Performance of Nanomaterials Obtained. ChemistrySelect, 2018, 3, 8998-9007.	1.5	16
46	The synthesis of a Cu _{0.8} Zn _{0.2} Sb ₂ ·polyacrylamide nanocomposite by frontal polymerization for moisture and photodetection performance. Materials Advances, 2020, 1, 2804-2817.	5.4	16
47	Fabrication, Microstructure and Colloidal Stability of Humic Acids Loaded Fe ₃ O ₄ /APTES Nanosorbents for Environmental Applications. Nanomaterials, 2021, 11, 1418.	4.1	16
48	Magnetoactive Humic Acid-Based Nanocomposites. Macromolecular Symposia, 2011, 304, 18-23.	0.7	15
49	Coordination Polymer Based on Nickel(II) Maleate and 4-(2-Phenyl-2,6-pyridinediyl)-6-terpyridine: Synthesis, Crystal Structure and Conjugated Thermolysis. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 965-975.	3.7	15
50	Basic Approaches to the Design of Intrinsic Self-Healing Polymers for Triboelectric Nanogenerators. Polymers, 2020, 12, 2594.	4.5	15
51	Effects of Humic Acids on the Ecotoxicity of Fe ₃ O ₄ Nanoparticles and Fe-Ions: Impact of Oxidation and Aging. Nanomaterials, 2020, 10, 2011.	4.1	15
52	Flow-Through Catalytic Reactors Based on Metal Nanoparticles Immobilized within Porous Polymeric Gels and Surfaces/Hollows of Polymeric Membranes. Polymers, 2020, 12, 572.	4.5	15
53	Preparation and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1993, 42, 259-263.	1.5	14
54	Preparation and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1995, 44, 858-866.	1.5	14

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55	Polymer-assisted synthesis of metallopolymer nanocomposites and their applications in liquefied petroleum gas sensing at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 281-291.	7.8	14
56	Polymer-modified supported palladium catalysts for the hydrogenation of acetylene compounds. <i>Kinetics and Catalysis</i> , 2016, 57, 360-367.	1.0	14
57	Copper(II) Nitrate Complex with Acrylamide: Synthesis and Crystal Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001, 27, 735-737.	1.0	13
58	Reactivity of metal-containing monomers 70. Preparation and magnetic properties of metal-containing nanocomposites. <i>Russian Chemical Bulletin</i> , 2011, 60, 1476-1487.	1.5	13
59	Synthetic Methodologies for Chelating Polymer Ligands: Recent Advances and Future Development. <i>ChemistrySelect</i> , 2018, 3, 13234-13270.	1.5	13
60	Conjugated Thermolysis of Metal-Containing Monomers: Toward Core-Shell Nanostructured Advanced Materials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 88-110.	3.7	13
61	Synthesis and properties of Rh ₆ - and Os ₃ -cluster-containing monomers and their copolymers with styrene. <i>Macromolecular Symposia</i> , 2002, 186, 155-160.	0.7	12
62	Self-Organized Metal-Polymer Nanocomposites. <i>Solid State Phenomena</i> , 2003, 94, 313-318.	0.3	12
63	Synthesis and thermal conversions of unsaturated nickel(II) dicarboxylates as precursors of metallopolymer nanocomposites. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 1111-1124.	1.3	12
64	Synthetic methodologies and spatial organization of metal chelate dendrimers and star and hyperbranched polymers. <i>Dalton Transactions</i> , 2017, 46, 10139-10176.	3.3	12
65	Metal chelate monomers based on nickel(II) cinnamate and chelating N-heterocycles as precursors of nanostructured materials. <i>Journal of Coordination Chemistry</i> , 2019, 72, 796-813.	2.2	12
66	Preparation and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 1993, 42, 1666-1672.	1.5	11
67	Synthesis and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 1999, 48, 1174-1177.	1.5	11
68	Title is missing!. <i>Journal of Nanoparticle Research</i> , 2003, 5, 373-381.	1.9	11
69	Metal-containing nanoparticles with core-polymer shell structure. <i>Colloid Journal</i> , 2011, 73, 458-466.	1.3	11
70	Thermophysical and Magnetic Properties of Carbon Beads Containing Nickel Nanocrystallites. <i>International Journal of Thermophysics</i> , 2011, 32, 1973-1985.	2.1	11
71	Synthesis and reactivity of metal-containing monomers 72. Monomeric and polymeric metal acetylenecarboxylates and their nanocomposite products: synthesis, structures, and properties. <i>Russian Chemical Bulletin</i> , 2013, 62, 1649-1658.	1.5	11
72	Synthesis and thermal conversions of unsaturated cobalt(II) dicarboxylates as precursors of metallopolymer nanocomposites. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 897-905.	1.3	11

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73	New Example of Metal-Containing Monomers for Frontal Polymerization. <i>ChemistrySelect</i> , 2019, 4, 2105-2108.	1.5	11
74	A review on the polymers with shape memory assisted self-healing properties for triboelectric nanogenerators. <i>Journal of Materials Research</i> , 2021, 36, 1225-1240.	2.6	11
75	Preparation and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 1993, 42, 264-269.	1.5	10
76	Preparation, X-ray structure, copolymerization with styrene of $[(\frac{1}{4}\text{-H})\text{Os}_3(\frac{1}{4}\text{-OCNMe}_2)(\text{CO})_9\{\text{P}(\text{CH}_2\text{CHCH}_2)\text{Ph}_2\}]$ and catalytic properties of the cluster/styrene copolymer. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4258-4264.	1.8	10
77	Processing and properties of composite magnetic powders containing Co nanoparticles in polymeric matrix. <i>Journal of Alloys and Compounds</i> , 2006, 423, 123-127.	5.5	10
78	Hafnium-containing nanocomposites. <i>Inorganic Materials</i> , 2006, 42, 128-143.	0.8	10
79	Preparation and Reactivity of Metal-Containing Monomers. 78. Scandium-Containing Monomers And Polymers: Synthesis, Structure and Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 1441-1451.	3.7	10
80	Synthesis and Properties of Copper Trimesinate Complexes with Polypyridine Ligands. <i>Russian Journal of General Chemistry</i> , 2020, 90, 1884-1891.	0.8	10
81	Synthesis and Thermal Conversions of Unsaturated Nickel(II) Monocarboxylates as Precursors of Metal-Containing Nanocomposites. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 1173-1185.	1.3	10
82	Preparation and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 1993, 42, 937-942.	1.5	9
83	Synthesis and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 1998, 47, 1460-1465.	1.5	9
84	Macromolecule Metal complexes based on salts of unsaturated mono- and dicarboxylic acids: Synthesis and characterization. <i>Macromolecular Symposia</i> , 1998, 131, 19-27.	0.7	9
85	Title is missing!. <i>Colloid Journal</i> , 2002, 64, 472-477.	1.3	9
86	Hafnium-containing Nanocomposites. <i>Journal of Thermoplastic Composite Materials</i> , 2007, 20, 151-174.	4.2	9
87	Controlled Thermolysis of Macromolecule-Metal Complexes as a Way for Synthesis of Nanocomposites. <i>Macromolecular Symposia</i> , 2012, 317-318, 198-205.	0.7	9
88	Hybrid polymer-immobilized palladium nanoparticles: Preparation and catalytic properties. <i>Kinetics and Catalysis</i> , 2011, 52, 242-250.	1.0	8
89	Synthesis and Characteristics of Acetylenedicarboxylic Acid Salts as Precursors for Obtaining of Nanocomposites. <i>Macromolecular Symposia</i> , 2012, 317-318, 180-186.	0.7	8
90	Polymer-immobilized rhodium complexes forming in situ: preparation and catalytic properties. <i>Kinetics and Catalysis</i> , 2015, 56, 694-702.	1.0	8

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91	Metal Chelate Monomers Based on Nickel Maleate and Chelating Nâ€Heterocycles as Precursors of Coreâ€shell Nanomaterials with Advanced Tribological Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 758-767.	1.2	8
92	Chalcogen-containing metal chelates as single-source precursors of nanostructured materials: recent advances and future development. Journal of Coordination Chemistry, 2019, 72, 1425-1465.	2.2	8
93	Stabilization of Magnetite Nanoparticles in Humic Acid Medium and Study of Their Sorption Properties. Colloid Journal, 2020, 82, 1-7.	1.3	8
94	Reduction of Metal Ions in Polymer Matrices as a Condensation Method of Nanocomposite Synthesis. , 2014, , 13-89.		8
95	Frontal polymerization synthesis of scandium polyacrylamide nanomaterial and its application in humidity testing. Colloid and Polymer Science, 2022, 300, 191-202.	2.1	8
96	Preparation and reactivity of metal-containing monomers. 8. Polymerization of transition metal acrylates. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1988, 37, 1352-1357.	0.0	7
97	Problems of unit variability in metal-containing polymers. Russian Chemical Bulletin, 1998, 47, 2319-2337.	1.5	7
98	Ferromagnetic resonance of cobalt nanoparticles in the polymer shell. Physics of the Solid State, 2007, 49, 1507-1513.	0.6	7
99	Intermatrix Synthesis of Magnetic Nanocrystals by Frontal Polymerization and Subsequent Pyrolysis of Iron Containing Monomer. IEEE Transactions on Magnetics, 2008, 44, 2764-2767.	2.1	7
100	Reactivity of metal-containing monomers 66. Hydrogenation of nitrotoluene derivatives in the presence of polymer-immobilized Pd nanoparticles. Russian Chemical Bulletin, 2009, 58, 2070-2076.	1.5	7
101	Preparation of nanostructured materials through thermolysis of metal chelate complexes. Inorganic Materials, 2011, 47, 876-883.	0.8	7
102	Reactivity of metal-containing monomers 71. Synthesis of nanosized quasicrystals and related metallopolymer composites. Russian Chemical Bulletin, 2011, 60, 1871-1879.	1.5	7
103	Refractory Metalâ€Containing Polymers and Nanocomposites: Preparation and Properties. Macromolecular Symposia, 2011, 304, 101-108.	0.7	7
104	Synthesis, characterization and liquefied petroleum gas sensing of cobalt acetylenedicarboxylate and its polymer. Sensors and Actuators B: Chemical, 2014, 192, 503-511.	7.8	7
105	Mechanochemical destruction of crystalline hydrates of cobalt and zinc acetylenedicarboxylates during dehydration. Russian Chemical Bulletin, 2016, 65, 2025-2033.	1.5	7
106	Sample preparation considerations for surface and crystalline properties and ecotoxicity of bare and silica-coated magnetite nanoparticles. RSC Advances, 2021, 11, 32227-32235.	3.6	7
107	Formation of stable magnetic nanoparticles by pyrolysis of metal containing polymers. Journal of Magnetism and Magnetic Materials, 2007, 316, e749-e752.	2.3	6
108	Nonthermal model for thermal frontal polymerization of metal-containing monomers. Polymer Science - Series B, 2017, 59, 210-215.	0.8	6

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109	NANOCOMPOSITE MATERIALS BASED ON METAL-CONTAINING NANOPARTICLES AND THERMOPLASTIC POLYMER MATRICES: PRODUCTION AND PROPERTIES. <i>International Journal of Nanomechanics Science and Technology</i> , 2017, 8, 7-25.	0.5	6
110	Metal Complexes with Polymer Chelating Ligands. <i>Springer Series in Materials Science</i> , 2018, , 199-366.	0.6	6
111	New Mixed-Ligand Metal-Containing Monomer Based on Cobalt Acrylate and 4-Phenyl-2,2':6',2''-Terpyridine Ligand: Synthesis, Characteristics and Thermal Properties. <i>Key Engineering Materials</i> , 0, 899, 37-44.	0.4	6
112	Monomeric and Polymeric Carboxylic Acids. <i>Springer Series in Materials Science</i> , 2010, , 7-25.	0.6	6
113	Preparation and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 1994, 43, 983-987.	1.5	5
114	Preparation and reactivity of metal containing monomers. <i>Russian Chemical Bulletin</i> , 1995, 44, 1056-1061.	1.5	5
115	Macromolecule complexes of unsaturated polynuclear metal oxocarboxylates. <i>Macromolecular Symposia</i> , 2002, 186, 147-153.	0.7	5
116	Thermophysical and Magnetic Properties of Carbon Beads Containing Cobalt Nanocrystallites. <i>International Journal of Thermophysics</i> , 2012, 33, 627-639.	2.1	5
117	Hybrid Polymer-Immobilized Nanosized Pd Catalysts for Hydrogenation Reaction Obtained via Frontal Polymerization. <i>Journal of Catalysts</i> , 2013, 2013, 1-12.	0.5	5
118	Synthesis and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 2015, 64, 936-942.	1.5	5
119	Synthesis and reactivity of metal-containing monomers 76. Nanostructured materials obtained by controlled thermolysis of Ni, Co, and Cu chelate complexes with azomethine ligands. <i>Russian Chemical Bulletin</i> , 2016, 65, 139-150.	1.5	5
120	Effect of intramolecular hydrogen bond in unsaturated dicarboxylic acid molecules on the formation of cobalt(II) and nickel(II) carboxylates. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 59-62.	1.3	5
121	Quantitative Description of Properties of Nickel-Containing Nanocomposites Affecting Their Magnetic Characteristics. <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 1424-1426.	1.3	5
122	Nickel Itaconate Thermolysis. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 786-797.	1.3	5
123	Thermal Decomposition of Acidic Cobalt(II) Carboxylates with Unsaturated Dicarboxylic Anions. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 61-68.	1.3	5
124	The Topographic Peculiarities of the Formation of Nanosized Particles from Metallopolymers. <i>Acta Physica Polonica A</i> , 2002, 102, 135-145.	0.5	5
125	Synthesis, crystal structure, thermal properties of copper(II) acrylate complex with 4-phenyl-2,2':6',2''-terpyridine and its use in nanomaterials science. <i>Journal of Molecular Structure</i> , 2022, 1250, 131909.		5
126	Preparation and reactivity of metal-containing monomers. 7. Synthesis and study of transition metal acrylates. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1988, 37, 1346-1351.	0.0	4

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127	Title is missing!. Russian Chemical Bulletin, 2001, 50, 901-906.	1.5	4
128	Magnetic properties of polymer matrix nanocomposites on a basis of metal carboxylates. Macromolecular Symposia, 2003, 204, 257-266.	0.7	4
129	Frontal Polymerization of Metal-Containing Monomers as a way for Synthesis of Polymer Nanocomposites. Solid State Phenomena, 2003, 94, 323-328.	0.3	4
130	Controlled Pyrolysis of Metal-Containing Precursors as a Way for Synthesis of Metallopolymer Nanocomposites. , 2004, , 75-122.		4
131	Synthesis and reactivity of metal-containing monomers. Part 59. Preparation and polymerization transformations of vinyl and isopropenyl derivatives of hafnocene dichloride. Russian Chemical Bulletin, 2005, 54, 247-251.	1.5	4
132	Synthesis, structure, and catalytic properties of polymer-immobilized rhodium clusters. Kinetics and Catalysis, 2006, 47, 719-727.	1.0	4
133	Thermal polymerization of cobalt(II) and nickel(II) acrylates: Use of in situ dielectric measurements. Polymer Science - Series A, 2007, 49, 267-274.	1.0	4
134	Polyporphyrin Complexes of Some Transition Metals. Synthesis and Catalytic Properties. Oriental Journal of Chemistry, 2016, 32, 2473-2480.	0.3	4
135	Synthesis and characterization of metal-polymer nanocomposites with radiation-protective properties. Russian Metallurgy (Metally), 2016, 2016, 1207-1213.	0.5	4
136	Structure and Properties of Nanosized Composites Based on Fe ₃ O ₄ and Humic Acids. Russian Journal of Physical Chemistry B, 2018, 12, 172-178.	1.3	4
137	Thermal Decomposition of Unsaturated Nickel(II) Dicarboxylates. Russian Journal of Inorganic Chemistry, 2018, 63, 1217-1224.	1.3	4
138	Synthesis and Thermal Conversions of Unsaturated Cobalt(II) Monocarboxylates: Precursors for Metal Polymer Nanocomposites. Russian Journal of Inorganic Chemistry, 2018, 63, 1041-1049.	1.3	4
139	Metal-Containing Monomers Based on Copper and Zinc Salts of Unsaturated Acids and Pendent 4-phenyl-2,2',6',2''-terpyridine Ligands: Synthesis, Characterization and Thermal Properties. Key Engineering Materials, 2020, 869, 119-128.	0.4	4
140	Characterization and bioactivity of magnetite-based nanocomposites. Materials Today: Proceedings, 2021, 34, 317-321.	1.8	4
141	Novel Self-Healing Metallopolymers with Pendent 4-Phenyl-2,2',6',2''-terpyridine Ligand: Kinetic Studies and Mechanical Properties. Polymers, 2021, 13, 1760.	4.5	4
142	Synthesis and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1993, 42, 453-457.	1.5	3
143	Preparation and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1993, 42, 1498-1501.	1.5	3
144	Combined XPS and AFM study of cluster-containing polymers based on Rh. Macromolecular Symposia, 2003, 204, 251-256.	0.7	3

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145	Polymerization and Catalytic Properties of Cluster-Containing Monomers and Polymers. <i>Macromolecular Symposia</i> , 2008, 270, 95-105.	0.7	3
146	Magnetic Metallopolymer Nanocomposites: Preparation and Properties. , 0, , 59-85.		3
147	Tailoring of the Magnetic Properties of Co, Fe and Ni Nanocrystallites. <i>Materials Science Forum</i> , 0, 636-637, 671-675.	0.3	3
148	Synthesis and Characterization of Nanosized Pectinâ€Based Formulations. <i>Macromolecular Symposia</i> , 2012, 317-318, 175-179.	0.7	3
149	Polymer Chelating Ligands: Classification, Synthesis, Structure, and Chemical Transformations. <i>Springer Series in Materials Science</i> , 2018, , 13-197.	0.6	3
150	Metal-Organic Coordination Polymers Based on Copper: Synthesis, Structure and Adsorption Properties. <i>Key Engineering Materials</i> , 2019, 816, 108-113.	0.4	3
151	Metallopolymer hybrid nanocomposites: Preparation and structures. <i>Materials Today: Proceedings</i> , 2021, 34, 366-369.	1.8	3
152	Preparation and reactivity of metal-containing monomers. Communication 6. Polymerization of metal-containing monomers based on alkoxy derivatives of Ti(IV) and some properties of the products obtained. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1987, 36, 1612-1616.	0.0	2
153	Synthesis and reactivity of metal-containing monomers. <i>Russian Chemical Bulletin</i> , 1999, 48, 1717-1721.	1.5	2
154	Thermodynamic characteristics of hydrated acrylamide and polyacrylamide complexes of cobalt nitrate at T â†' 0 to 380 K. <i>Polymer Science - Series A</i> , 2010, 52, 349-355.	1.0	2
155	Polymers based on unsaturated alkoxides of refractory metals. <i>Polymer Science - Series C</i> , 2011, 53, 68-74.	1.7	2
156	Macromolecular Acrylamide Complexes of Rhodium: Synthesis and Characterization. <i>Macromolecular Symposia</i> , 2015, 351, 81-86.	0.7	2
157	In Memory of Professor Anatolii D. Pomogailo (1939â€2015). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 1107-1111.	3.7	2
158	Coordination Polymers Containing Metal Chelate Units. <i>Springer Series in Materials Science</i> , 2018, , 633-759.	0.6	2
159	METAL-CONTAINING NANOCOMPOSITES BASED ON THE SALTS OF SATURATED COBALT(II) MONOCARBOXYL ACIDS. <i>Nanotechnologies in Russia</i> , 2019, 14, 536-542.	0.7	2
160	Effect of Magnetite Nanoparticles on the Dielectric Properties of Nanocomposites Based on Linear Low-Density Polyethylene. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 2424-2428.	0.6	2
161	Core-shell nanocomposites produced from metal dicarboxylates. <i>Materials Today: Proceedings</i> , 2021, 34, 235-238.	1.8	2
162	Study of the products of the reaction of cobalt(II) acetate with 2-iodoterephthalic acid and 1,10-phenanthroline. <i>Journal of Coordination Chemistry</i> , 2021, 74, 649-662.	2.2	2

#	ARTICLE	IF	CITATIONS
163	Hafnium-Containing Nanocomposites. , 2008, , 241-267.		2
164	THE STRUCTURE OF NANOCOMPOSITES BASED ON MAGNETITE AND HUMIC ACIDS PRODUCED BY CHEMICAL COPRECIPITATION AND MECHANOCHEMICAL SYNTHESIS. International Journal of Nanomechanics Science and Technology, 2014, 5, 323-336.	0.5	2
165	Variability of Mixed-Unit Chains in Metal-Containing Polymers. , 1996, , 63-80.		2
166	Composite materials based on epoxy matrix and titanium dioxide (IV) nanoparticles: synthesis, microstructure and properties. , 2021, 28, 224-237.		2
167	Colloidal Stability of Silica-Modified Magnetite Nanoparticles: Comparison of Various Dispersion Techniques. Nanomaterials, 2021, 11, 3295.	4.1	2
168	Preparation and reactivity of metal-containing monomers. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1985, 34, 411-415.	0.0	1
169	Preparation and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1993, 42, 66-70.	1.5	1
170	Synthesis and reactivity of metal-containing monomers 49. Synthesis and structure of low-valence transition metal acrylates and their polymers. Russian Chemical Bulletin, 1998, 47, 1113-1117.	1.5	1
171	Modeling of the Kinetics and Mechanism of the Formation of Nanoparticles in a Polymer Matrix upon Thermal Decomposition of Solid Metal-Containing Polymers. Doklady Physical Chemistry, 2003, 393, 325-329.	0.9	1
172	Cluster-Containing Polymers as Precursors for the Synthesis of Polymer Nanocomposites. Solid State Phenomena, 2003, 94, 319-322.	0.3	1
173	Compositional and Structural Irregularities of Macromolecular Metal Complexes. , 2005, , 147-208.		1
174	Mechanochemical Formulation of Coating Iron Oxides Magnetic Nanoparticles with Humics. Macromolecular Symposia, 2012, 317-318, 169-174.	0.7	1
175	Physical-Chemical Methods of Nanocomposite Synthesis. , 2014, , 91-139.		1
176	Calculation of energetic characteristics for the complexation of unsaturated dicarboxylic acids with cobalt(II). Russian Journal of Inorganic Chemistry, 2014, 59, 345-348.	1.3	1
177	Photochromic and Magnetic Nanocomposites Based on Epoxy and Polycarbonate Matrices. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1320-1327.	3.7	1
178	Thermal Transformations of Polymeric Metal Chelates and Their Precursors in Nanocomposites Formation. Springer Series in Materials Science, 2018, , 899-1007.	0.6	1
179	Metal Chelate Dendrimers. Springer Series in Materials Science, 2018, , 503-631.	0.6	1
180	Thermolysis of Polymeric Metal Chelates. Springer Series on Polymer and Composite Materials, 2018, , 247-350.	0.7	1

#	ARTICLE	IF	CITATIONS
181	Thermolysis of Low Molecular Weight Metal Chelates. Springer Series on Polymer and Composite Materials, 2018, , 71-245.	0.7	1
182	Application of Nanomaterials Prepared by Thermolysis of Metal Chelates. Springer Series on Polymer and Composite Materials, 2018, , 459-541.	0.7	1
183	Traveling-waves of metal-containing monomer polymerization without diffusion and heat-transfer. Heliyon, 2019, 5, e02829.	3.2	1
184	Fiber-Matrix-Coupling Agent Interactions in Glass-Fiber-Reinforced Polyethylene Composites Under Gamma Irradiation. Mechanics of Composite Materials, 2019, 55, 597-606.	1.4	1
185	Polymer-mediated synthesis of Fe-Co nanocrystalline alloys: Formulation and properties. Materials Today: Proceedings, 2021, 34, 322-325.	1.8	1
186	FeCo@N-doped Nanoparticles Encapsulated in Polyacrylamide-derived Carbon Nanocages as a Functional Filler for Polyethylene System. ChemistrySelect, 2021, 6, 8546-8559.	1.5	1
187	Metal-Containing Polymers as Precursors for the Production of Ferromagnetic and Superconducting Materials. , 1996, , 313-329.		1
188	SPECTRAL LUMINESCENCE PROPERTIES OF CdS NANOCOMPOSITES IN A POLYMER SHELL. Composites: Mechanics, Computations, Applications, 2017, 8, 171-180.	0.3	1
189	THE STRUCTURE AND THERMAL PROPERTIES OF NANOCOMPOSITES BASED ON COPPER NANOPARTICLES IN A POLYETHYLENE MATRIX. International Journal of Nanomechanics Science and Technology, 2017, 8, 27-40.	0.5	1
190	Isolation and reactivity of metal-containing monomers. Communication 5. Hydrogenation of acrylates of transition metals. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1986, 35, 2318-2320.	0.0	0
191	Preparation and reactivity of metal-containing monomers. 9. Low-temperature postirradiation polymerization of metal-containing monomers in devitrification of the matrices. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1988, 37, 2258-2261.	0.0	0
192	Isolation and reactivity of metal-containing monomers. 10. Dissociation of metal-containing monomers in water and organic solvents. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1989, 38, 927-930.	0.0	0
193	Preparation and reactivity of metal-containing monomers 19. Copolymerization of transition metal acrylates. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1991, 40, 297-302.	0.0	0
194	Synthesis and reactivity of metal-containing monomers. 20. Photochemical structurization of gelatin mixtures with the participation of transition metal acrylates. Bulletin of the Russian Academy of Sciences Division of Chemical Science, 1992, 41, 454-458.	0.0	0
195	Monomeric and Polymeric Metal Carboxylates as Precursors of Nanocomposite Materials. Springer Series in Materials Science, 2010, , 257-288.	0.6	0
196	Spectral Characteristics and Molecular Structure of Unsaturated Carboxylic Acid Salts. Springer Series in Materials Science, 2010, , 57-104.	0.6	0
197	Structure and Properties of Magnetic (Co, Fe, Fe ₃ C and Ni) Carbon Beads. , 2010, , .		0
198	Synthesis of Unsaturated Carboxylic Acid Salts. Springer Series in Materials Science, 2010, , 27-55.	0.6	0

#	ARTICLE	IF	CITATIONS
199	Physics and Chemistry of Sol-Gel Nanocomposites Formation. , 2014, , 141-203.		0
200	Polymer Complexes Based on Metal Chelate Monomers. Springer Series in Materials Science, 2018, , 367-501.	0.6	0
201	Supramolecular Chemistry of Polymer Metal Chelates. Springer Series in Materials Science, 2018, , 761-897.	0.6	0
202	The Conjugate Thermolysisâ€”Thermal Polymerization of Metal Chelate Monomers and Thermolysis of Polymers Formed In Situ. Springer Series on Polymer and Composite Materials, 2018, , 351-423.	0.7	0
203	Thermolysis of Metal Chelates in Polymer Matrices. Springer Series on Polymer and Composite Materials, 2018, , 425-458.	0.7	0
204	General Characteristics of the Methods of Thermolysis of Metal Compounds. Springer Series on Polymer and Composite Materials, 2018, , 25-69.	0.7	0
205	Evolution of Silver Nanoparticles Synthesized In Situ in a Glass-Like Epoxy Matrix. Russian Journal of Physical Chemistry A, 2019, 93, 1317-1321.	0.6	0
206	Structure and Magnetic Properties of Polymer Matrix Nanocomposites. Acta Physica Polonica A, 2002, 102, 317-321.	0.5	0
207	Molecular and Structural Organization of Metal-Containing (Co)Polymers. Springer Series in Materials Science, 2010, , 179-216.	0.6	0
208	Polymerization and Copolymerization of Salts of Unsaturated Carboxylic Acids. Springer Series in Materials Science, 2010, , 105-144.	0.6	0
209	Properties and Basic Fields of Application of Metal-Containing Polymers. Springer Series in Materials Science, 2010, , 217-256.	0.6	0
210	Polymer-Analog Transformations in Reactions of Synthesis of Metal Macrocarboxylates. Springer Series in Materials Science, 2010, , 145-177.	0.6	0
211	SORPTION PROPERTIES OF PECTIC NANOCOMPOSITES IN RELATION TO LEAD IONS. International Journal of Nanomechanics Science and Technology, 2014, 5, 287-301.	0.5	0
212	NICKEL CHELATE COMPLEXES AS A SINGLE-SOURCE PRECURSOR OF NANOCOMPOSITES. Nanoscience and Technology, 2017, 8, 331-346.	1.8	0