

Gulzhian Dzhardimalieva

List of Publications by Year in descending order

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212
papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis, crystal structure, thermal properties of copper(II) acrylate complex with 4-phenyl-2,2':6''-terpyridine and its use in nanomaterials science. <i>Journal of Molecular Structure</i> , 2022, 1250, 131909.		5
2	Frontal polymerization synthesis of scandium polyacrylamide nanomaterial and its application in humidity testing. <i>Colloid and Polymer Science</i> , 2022, 300, 191-202.	2.1	8
3	Gigantic stimulation in response by solar irradiation in self-healable and self-powered LPG sensor based on triboelectric nanogenerator: Experimental and DFT computational study. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131573.	7.8	17
4	Polymer-mediated synthesis of Fe-Co nanocrystalline alloys: Formulation and properties. <i>Materials Today: Proceedings</i> , 2021, 34, 322-325.	1.8	1
5	Characterization and bioactivity of magnetite-based nanocomposites. <i>Materials Today: Proceedings</i> , 2021, 34, 317-321.	1.8	4
6	Core-shell nanocomposites produced from metal dicarboxylates. <i>Materials Today: Proceedings</i> , 2021, 34, 235-238.	1.8	2
7	Metallopolymer hybrid nanocomposites: Preparation and structures. <i>Materials Today: Proceedings</i> , 2021, 34, 366-369.	1.8	3
8	Polymer chemistry underpinning materials for triboelectric nanogenerators (TEGs): Recent trends. <i>European Polymer Journal</i> , 2021, 142, 110163.	5.4	37
9	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
10	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
11	Novel Self-Healing Metallopolymers with Pendent 4-Phenyl-2,2':6''-terpyridine Ligand: Kinetic Studies and Mechanical Properties. <i>Polymers</i> , 2021, 13, 1760.	4.5	4
12	Fabrication, Microstructure and Colloidal Stability of Humic Acids Loaded Fe ₃ O ₄ /APTES Nanosorbents for Environmental Applications. <i>Nanomaterials</i> , 2021, 11, 1418.	4.1	16
13	FeCo@N-doped Nanoparticles Encapsulated in Polyacrylamide-derived Carbon Nanocages as a Functional Filler for Polyethylene System. <i>ChemistrySelect</i> , 2021, 6, 8546-8559.	1.5	1
14	2-D self-healable polyaniline-polypyrrole nanoflakes based triboelectric nanogenerator for self-powered solar light photo detector with DFT study. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 572-585.	9.4	33
15	Sample preparation considerations for surface and crystalline properties and ecotoxicity of bare and silica-coated magnetite nanoparticles. <i>RSC Advances</i> , 2021, 11, 32227-32235.	3.6	7
16	Composite materials based on epoxy matrix and titanium dioxide (IV) nanoparticles: synthesis, microstructure and properties. , 2021, 28, 224-237.		2
17	Colloidal Stability of Silica-Modified Magnetite Nanoparticles: Comparison of Various Dispersion Techniques. <i>Nanomaterials</i> , 2021, 11, 3295.	4.1	2
18	Coordination Polymer Based on Nickel(II) Maleate and 4-Phenyl-2,2':6''-terpyridine: Synthesis, Crystal Structure and Conjugated Thermolysis. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 965-975.	3.7	15

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19	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
20	Synthesis and Properties of Copper Trimesinate Complexes with Polypyridine Ligands. <i>Russian Journal of General Chemistry</i> , 2020, 90, 1884-1891.	0.8	10
21	Effects of Modified Magnetite Nanoparticles on Bacterial Cells and Enzyme Reactions. <i>Nanomaterials</i> , 2020, 10, 1499.	4.1	30
22	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
23	The synthesis of a Cu _{0.8} Zn _{0.2} Sb ₂ polyacrylamide nanocomposite by frontal polymerization for moisture and photodetection performance. <i>Materials Advances</i> , 2020, 1, 2804-2817.	5.4	16
24	Basic Approaches to the Design of Intrinsic Self-Healing Polymers for Triboelectric Nanogenerators. <i>Polymers</i> , 2020, 12, 2594.	4.5	15
25	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. <i>Key Engineering Materials</i> , 2020, 869, 119-128.	0.4	4
26	Effects of Humic Acids on the Ecotoxicity of Fe ₃ O ₄ Nanoparticles and Fe-Ions: Impact of Oxidation and Aging. <i>Nanomaterials</i> , 2020, 10, 2011.	4.1	15
27	Synthesis of Copper(II) Trimesinate Coordination Polymer and Its Use as a Sorbent for Organic Dyes and a Precursor for Nanostructured Material. <i>Polymers</i> , 2020, 12, 1024.	4.5	43
28	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
29	Flow-Through Catalytic Reactors Based on Metal Nanoparticles Immobilized within Porous Polymeric Gels and Surfaces/Hollows of Polymeric Membranes. <i>Polymers</i> , 2020, 12, 572.	4.5	15
30	Stabilization of Magnetite Nanoparticles in Humic Acid Medium and Study of Their Sorption Properties. <i>Colloid Journal</i> , 2020, 82, 1-7.	1.3	8
31	Self-healing and shape memory metallopolymers: state-of-the-art and future perspectives. <i>Dalton Transactions</i> , 2020, 49, 3042-3087.	3.3	54
32	Polymer-Immobilized Clusters and Metal Nanoparticles in Catalysis. <i>Kinetics and Catalysis</i> , 2020, 61, 198-223.	1.0	33
33	Structure and properties of epoxy polymer nanocomposites reinforced with carbon nanotubes. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	17
34	Evolution of Silver Nanoparticles Synthesized In Situ in a Glass-Like Epoxy Matrix. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 1317-1321.	0.6	0
35	Nickel Itaconate Thermolysis. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 786-797.	1.3	5
36	Metal Chelate Monomers Based on Nickel Maleate and Chelating N-Heterocycles as Precursors of Core-Shell Nanomaterials with Advanced Tribological Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 758-767.	1.2	8

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37	Chalcogen-containing metal chelates as single-source precursors of nanostructured materials: recent advances and future development. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1425-1465.	2.2	8
38	New Example of Metal-Containing Monomers for Frontal Polymerization. <i>ChemistrySelect</i> , 2019, 4, 2105-2108.	1.5	11
39	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
40	Synthesis and characterization of highly porous hexagonal shaped CeO ₂ -Gd ₂ O ₃ -CoO nanocomposite and its opto-electronic humidity sensing. <i>Applied Surface Science</i> , 2019, 479, 326-333.	6.1	30
41	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
42	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
43	Metal-Organic Coordination Polymers Based on Copper: Synthesis, Structure and Adsorption Properties. <i>Key Engineering Materials</i> , 2019, 816, 108-113.	0.4	3
44	Traveling-waves of metal-containing monomer polymerization without diffusion and heat-transfer. <i>Heliyon</i> , 2019, 5, e02829.	3.2	1
45	Fiber-Matrix-Coupling Agent Interactions in Glass-Fiber-Reinforced Polyethylene Composites Under Gamma Irradiation. <i>Mechanics of Composite Materials</i> , 2019, 55, 597-606.	1.4	1
46	Recent advances in metallopolymer-based drug delivery systems. <i>RSC Advances</i> , 2019, 9, 37009-37051.	3.6	18
47	Development of nanostructured nickel reinforced polyacrylamide via frontal polymerization for a reliable room temperature humidity sensor. <i>European Polymer Journal</i> , 2019, 112, 161-169.	5.4	33
48	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
49	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
50	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
51	Structure and Properties of Nanosized Composites Based on Fe ₃ O ₄ and Humic Acids. <i>Russian Journal of Physical Chemistry B</i> , 2018, 12, 172-178.	1.3	4
52	Metal Complexes with Polymer Chelating Ligands. <i>Springer Series in Materials Science</i> , 2018, , 199-366.	0.6	6
53	Polymer Complexes Based on Metal Chelate Monomers. <i>Springer Series in Materials Science</i> , 2018, , 367-501.	0.6	0
54	Supramolecular Chemistry of Polymer Metal Chelates. <i>Springer Series in Materials Science</i> , 2018, , 761-897.	0.6	0

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55	Thermal Transformations of Polymeric Metal Chelates and Their Precursors in Nanocomposites Formation. Springer Series in Materials Science, 2018, , 899-1007.	0.6	1
56	Polymer Chelating Ligands: Classification, Synthesis, Structure, and Chemical Transformations. Springer Series in Materials Science, 2018, , 13-197.	0.6	3
57	Metal Chelate Dendrimers. Springer Series in Materials Science, 2018, , 503-631.	0.6	1
58	Coordination Polymers Containing Metal Chelate Units. Springer Series in Materials Science, 2018, , 633-759.	0.6	2
59	Quantitative Description of Properties of Nickel-Containing Nanocomposites Affecting Their Magnetic Characteristics. Russian Journal of Inorganic Chemistry, 2018, 63, 1424-1426.	1.3	5
60	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
61	Synthetic Methodologies for Chelating Polymer Ligands: Recent Advances and Future Development. ChemistrySelect, 2018, 3, 13234-13270.	1.5	13
62	Thermal Decomposition of Unsaturated Nickel(II) Dicarboxylates. Russian Journal of Inorganic Chemistry, 2018, 63, 1217-1224.	1.3	4
63	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
64	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
65	Thermolysis of Polymeric Metal Chelates. Springer Series on Polymer and Composite Materials, 2018, , 247-350.	0.7	1
66	Thermolysis of Low Molecular Weight Metal Chelates. Springer Series on Polymer and Composite Materials, 2018, , 71-245.	0.7	1
67	Application of Nanomaterials Prepared by Thermolysis of Metal Chelates. Springer Series on Polymer and Composite Materials, 2018, , 459-541.	0.7	1
68	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
69	Thermolysis of Metal Chelates in Polymer Matrices. Springer Series on Polymer and Composite Materials, 2018, , 425-458.	0.7	0
70	General Characteristics of the Methods of Thermolysis of Metal Compounds. Springer Series on Polymer and Composite Materials, 2018, , 25-69.	0.7	0
71	Molecular design of supramolecular polymers with chelated units and their application as functional materials. Journal of Coordination Chemistry, 2018, 71, 1272-1356.	2.2	18
72	Synthesis and characterization of nanostructured MnO ₂ â€™CoO and its relevance as an opto-electronic humidity sensing device. RSC Advances, 2018, 8, 20534-20542.	3.6	17

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73	Chemistry of Polymeric Metal Chelates. Springer Series in Materials Science, 2018, , .	0.6	21
74	Nanomaterials Preparation by Thermolysis of Metal Chelates. Springer Series on Polymer and Composite Materials, 2018, , .	0.7	22
75	Review: recent advances in the chemistry of metal chelate monomers. Journal of Coordination Chemistry, 2017, 70, 1468-1527.	2.2	27
76	Nonthermal model for thermal frontal polymerization of metal-containing monomers. Polymer Science - Series B, 2017, 59, 210-215.	0.8	6
77	Design and synthesis of coordination polymers with chelated units and their application in nanomaterials science. RSC Advances, 2017, 7, 42242-42288.	3.6	74
78	Synthetic methodologies and spatial organization of metal chelate dendrimers and star and hyperbranched polymers. Dalton Transactions, 2017, 46, 10139-10176.	3.3	12
79	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
80	NANOCOMPOSITE MATERIALS BASED ON METAL-CONTAINING NANOPARTICLES AND THERMOPLASTIC POLYMER MATRICES: PRODUCTION AND PROPERTIES. International Journal of Nanomechanics Science and Technology, 2017, 8, 7-25.	0.5	6
81	SPECTRAL LUMINESCENCE PROPERTIES OF CdS NANOCOMPOSITES IN A POLYMER SHELL. Composites: Mechanics, Computations, Applications, 2017, 8, 171-180.	0.3	1
82	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
83	NICKEL CHELATE COMPLEXES AS A SINGLE-SOURCE PRECURSOR OF NANOCOMPOSITES. Nanoscience and Technology, 2017, 8, 331-346.	1.8	0
84	Polyporphyrin Complexes of Some Transition Metals. Synthesis and Catalytic Properties. Oriental Journal of Chemistry, 2016, 32, 2473-2480.	0.3	4
85	Preparation and Properties of Nanostructured PANI Thin Film and Its Application as Low Temperature NO ₂ Sensor. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1428-1433.	3.7	30
86	Mechanochemical destruction of crystalline hydrates of cobalt and zinc acetylenedicarboxylates during dehydration. Russian Chemical Bulletin, 2016, 65, 2025-2033.	1.5	7
87	Synthesis and characterization of metal-polymer nanocomposites with radiation-protective properties. Russian Metallurgy (Metally), 2016, 2016, 1207-1213.	0.5	4
88	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
89	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
90	Metal Chelate Monomers as Precursors of Polymeric Materials. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1112-1173.	3.7	26

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91	Nanoparticles of Magnetite in Polymer Matrices: Synthesis and Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1212-1230.	3.7	25
92	Preparation and Reactivity of Metal-Containing Monomers. 78. Scandium-Containing Monomers And Polymers: Synthesis, Structure and Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1441-1451.	3.7	10
93	Synthesis and thermal conversions of unsaturated nickel(II) dicarboxylates as precursors of metallopolymer nanocomposites. Russian Journal of Inorganic Chemistry, 2016, 61, 1111-1124.	1.3	12
94	Synthesis and reactivity of metal-containing monomers 76. Nanostructured materials obtained by controlled thermolysis of Ni, Co, and Cu chelate complexes with azomethine ligands. Russian Chemical Bulletin, 2016, 65, 139-150.	1.5	5
95	In Memory of Professor Anatolii D. Pomogailo (1939–2015). Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1107-1111.	3.7	2
96	Polymer-modified supported palladium catalysts for the hydrogenation of acetylene compounds. Kinetics and Catalysis, 2016, 57, 360-367.	1.0	14
97	Effect of intramolecular hydrogen bond in unsaturated dicarboxylic acid molecules on the formation of cobalt(II) and nickel(II) carboxylates. Russian Journal of Inorganic Chemistry, 2016, 61, 59-62.	1.3	5
98	Macromolecular Acrylamide Complexes of Rhodium: Synthesis and Characterization. Macromolecular Symposia, 2015, 351, 81-86.	0.7	2
99	Synthesis and reactivity of metal-containing monomers. Russian Chemical Bulletin, 2015, 64, 936-942.	1.5	5
100	Polymer-immobilized rhodium complexes forming in situ: preparation and catalytic properties. Kinetics and Catalysis, 2015, 56, 694-702.	1.0	8
101	Fabrication and characterization of metal-core carbon-shell nanoparticles filling an aeronautical composite matrix. European Polymer Journal, 2015, 71, 140-151.	5.4	17
102	Synthesis and thermal conversions of unsaturated cobalt(II) dicarboxylates as precursors of metallopolymer nanocomposites. Russian Journal of Inorganic Chemistry, 2015, 60, 897-905.	1.3	11
103	Frontal polymerization of acrylamide complex with nanostructured ZnS and PbS: Their characterizations and sensing applications. Sensors and Actuators B: Chemical, 2015, 207, 460-469.	7.8	20
104	Nanostructured Materials Preparation via Condensation Ways. , 2014, , .		57
105	Physics and Chemistry of Sol-Gel Nanocomposites Formation. , 2014, , 141-203.		0
106	Polymer-matrix nanocomposite gas-sensing materials. Inorganic Materials, 2014, 50, 296-305.	0.8	22
107	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
108	Physical-Chemical Methods of Nanocomposite Synthesis. , 2014, , 91-139.		1

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109	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
110	Reduction of Metal Ions in Polymer Matrices as a Condensation Method of Nanocomposite Synthesis. , 2014, , 13-89.		8
111	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
112	SORPTION PROPERTIES OF PECTIC NANOCOMPOSITES IN RELATION TO LEAD IONS. International Journal of Nanomechanics Science and Technology, 2014, 5, 287-301.	0.5	0
113	Synthesis and reactivity of metal-containing monomers 72. Monomeric and polymeric metal acetylenecarboxylates and their nanocomposite products: synthesis, structures, and properties. Russian Chemical Bulletin, 2013, 62, 1649-1658.	1.5	11
114	Hybrid Polymer-Immobilized Nanosized Pd Catalysts for Hydrogenation Reaction Obtained via Frontal Polymerization. Journal of Catalysts, 2013, 2013, 1-12.	0.5	5
115	Controlled Thermolysis of Macromolecule-Metal Complexes as a Way for Synthesis of Nanocomposites. Macromolecular Symposia, 2012, 317-318, 198-205.	0.7	9
116	Mechanochemical Formulation of Coating Iron Oxides Magnetic Nanoparticles with Humics. Macromolecular Symposia, 2012, 317-318, 169-174.	0.7	1
117	Synthesis and Characteristics of Acetylenedicarboxylic Acid Salts as Precursors for Obtaining of Nanocomposites. Macromolecular Symposia, 2012, 317-318, 180-186.	0.7	8
118	Synthesis of stable AuAg bimetallic nanoparticles encapsulated by diblock copolymer micelles. Nanoscale, 2012, 4, 1658.	5.6	29
119	Synthesis and Characterization of Nanosized Pectinâ€Based Formulations. Macromolecular Symposia, 2012, 317-318, 175-179.	0.7	3
120	Thermophysical and Magnetic Properties of Carbon Beads Containing Cobalt Nanocrystallites. International Journal of Thermophysics, 2012, 33, 627-639.	2.1	5
121	Polymer-assisted synthesis of metallopolymer nanocomposites and their applications in liquefied petroleum gas sensing at room temperature. Sensors and Actuators B: Chemical, 2012, 166-167, 281-291.	7.8	14
122	Magnetoactive Humicâ€Based Nanocomposites. Macromolecular Symposia, 2011, 304, 18-23.	0.7	15
123	Thermolysis of metallopolymers and their precursors as a method for the preparation of nanocomposites. Russian Chemical Reviews, 2011, 80, 257-292.	6.5	35
124	Preparation of nanostructured materials through thermolysis of metal chelate complexes. Inorganic Materials, 2011, 47, 876-883.	0.8	7
125	Hybrid polymer-immobilized palladium nanoparticles: Preparation and catalytic properties. Kinetics and Catalysis, 2011, 52, 242-250.	1.0	8
126	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

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127	Reactivity of metal-containing monomers 70. Preparation and magnetic properties of metal-containing nanocomposites. Russian Chemical Bulletin, 2011, 60, 1476-1487.	1.5	13
128	Reactivity of metal-containing monomers 71. Synthesis of nanosized quasicrystals and related metallopolymer composites. Russian Chemical Bulletin, 2011, 60, 1871-1879.	1.5	7
129	Polymers based on unsaturated alkoxides of refractory metals. Polymer Science - Series C, 2011, 53, 68-74.	1.7	2
130	Metal-containing nanoparticles with core-polymer shell structure. Colloid Journal, 2011, 73, 458-466.	1.3	11
131	Thermophysical and Magnetic Properties of Carbon Beads Containing Nickel Nanocrystallites. International Journal of Thermophysics, 2011, 32, 1973-1985.	2.1	11
132	Refractory Metal-Containing Polymers and Nanocomposites: Preparation and Properties. Macromolecular Symposia, 2011, 304, 101-108.	0.7	7
133	Thermodynamic characteristics of hydrated acrylamide and polyacrylamide complexes of cobalt nitrate at T = 0 to 380 K. Polymer Science - Series A, 2010, 52, 349-355.	1.0	2
134	Monomeric and Polymeric Metal Carboxylates as Precursors of Nanocomposite Materials. Springer Series in Materials Science, 2010, , 257-288.	0.6	0
135	Spectral Characteristics and Molecular Structure of Unsaturated Carboxylic Acid Salts. Springer Series in Materials Science, 2010, , 57-104.	0.6	0
136	Structure and Properties of Magnetic (Co, Fe, Fe ₃ C and Ni) Carbon Beads. , 2010, , .		0
137	Synthesis of Unsaturated Carboxylic Acid Salts. Springer Series in Materials Science, 2010, , 27-55.	0.6	0
138	Macromolecular Metal Carboxylates and Their Nanocomposites. Springer Series in Materials Science, 2010, , .	0.6	30
139	Monomeric and Polymeric Carboxylic Acids. Springer Series in Materials Science, 2010, , 7-25.	0.6	6
140	Molecular and Structural Organization of Metal-Containing (Co)Polymers. Springer Series in Materials Science, 2010, , 179-216.	0.6	0
141	Polymerization and Copolymerization of Salts of Unsaturated Carboxylic Acids. Springer Series in Materials Science, 2010, , 105-144.	0.6	0
142	Properties and Basic Fields of Application of Metal-Containing Polymers. Springer Series in Materials Science, 2010, , 217-256.	0.6	0
143	Polymer-Analog Transformations in Reactions of Synthesis of Metal Macrocarboxylates. Springer Series in Materials Science, 2010, , 145-177.	0.6	0
144	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

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145	Macromolecular metal carboxylates. Russian Chemical Reviews, 2008, 77, 259-301.	6.5	47
146	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
147	Polymerization and Catalytic Properties of Cluster-Containing Monomers and Polymers. Macromolecular Symposia, 2008, 270, 95-105.	0.7	3
148	Hafnium-Containing Nanocomposites. , 2008, , 241-267.		2
149	Hafnium-containing Nanocomposites. Journal of Thermoplastic Composite Materials, 2007, 20, 151-174.	4.2	9
150	Formation of stable magnetic nanoparticles by pyrolysis of metal containing polymers. Journal of Magnetism and Magnetic Materials, 2007, 316, e749-e752.	2.3	6
151	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
152	Ferromagnetic resonance of cobalt nanoparticles in the polymer shell. Physics of the Solid State, 2007, 49, 1507-1513.	0.6	7
153	Processing and properties of composite magnetic powders containing Co nanoparticles in polymeric matrix. Journal of Alloys and Compounds, 2006, 423, 123-127.	5.5	10
154	Hafnium-containing nanocomposites. Inorganic Materials, 2006, 42, 128-143.	0.8	10
155	Synthesis, structure, and catalytic properties of polymer-immobilized rhodium clusters. Kinetics and Catalysis, 2006, 47, 719-727.	1.0	4
156	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
157	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
158	Preparation, X-ray structure, copolymerization with styrene of $[(1/4-H)Os_3(1/4-OCNMe_2)(CO)_9\{P(CH_2CHCH_2)Ph_2\}]$ and catalytic properties of the cluster/styrene copolymer. Journal of Organometallic Chemistry, 2005, 690, 4258-4264.	1.8	10
159	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
160	Compositional and Structural Irregularities of Macromolecular Metal Complexes. , 2005, , 147-208.		1
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