Yury Shubin

List of Publications by Year
in descending order

194	3,047	186265	265206
papers	citations	28 h-index	42 g-index

196	196	196	2862
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	X-ray diffraction reinvestigation of the Ni-Pt phase diagram. Journal of Alloys and Compounds, 2022, 891, 161974.	5.5	10
2	Bromination of carbon nanohorns to improve sodium-ion storage performance. Applied Surface Science, 2022, 580, 152238.	6.1	5
3	Metal dusting as a key route to produce functionalized carbon nanofibers. Reaction Kinetics, Mechanisms and Catalysis, 2022, 135, 1387-1404.	1.7	6
4	Experimental investigation of phase equilibria of the Ir-Pt binary system in subsolidus region. Materials Today Communications, 2022, 31, 103247.	1.9	2
5	Catalytic Properties of Bulk (1â€“x)Niâ€“xW Alloys in the Decomposition of 1,2-Dichloroethane with the Production of Carbon Nanomaterials. Kinetics and Catalysis, 2022, 63, 75-86.	1.0	6
6	Single-source heterometallic precursors to MOCVD Pd Cu alloy films for energy and catalysis applications. , 2022, , 453-472.		1
7	Carbon Erosion of a Bulk Nickelâ€“Copper Alloy as an Effective Tool to Synthesize Carbon Nanofibers from Hydrocarbons. Kinetics and Catalysis, 2022, 63, 97-107.	1.0	9
8	Interaction of chlorinated hydrocarbons with nichrome alloy: From surface transformations to complete dusting. Surfaces and Interfaces, 2022, 30, 101914.	3.0	4
9	One-pot functionalization of catalytically derived carbon nanostructures with heteroatoms for toxic-free environment. Applied Surface Science, 2022, 590, 153055.	6.1	7
10	Water purification from chlorobenzenes using heteroatom-functionalized carbon nanofibers produced on self-organizing Ni-Pd catalyst. Journal of Environmental Chemical Engineering, 2022, 10, 107873.	6.7	7
11	SYNTHESIS, STRUCTURE, AND THERMAL PROPERTIES OF DOUBLE COMPLEX SALTS AS PRECURSORS OF NANOALLOYS OF IMMISCIBLE METALS. Journal of Structural Chemistry, 2022, 63, 353-377.	1.0	0
12	COMPLEX SALTS [Pd(NH3)4][Pd(NH3)3NO2] [CrOx3]Â·H2O AND [Pd(NH3)4][Pd(NH3)3NO2] [CoOx3]Â·H2O AND SOLID SOLUTIONS [Pd(NH3)4] [Pd(NH3)3NO2][CoOx3]x[RhOx3]1â€“xÂ·H2O : PROMISING PRECURSORS FOR POROUS NANOALLOYS. Journal of Structural Chemistry, 2022, 63, 556-568.	1.0	1
13	Nanoscale coupling of MoS2 and graphene via rapid thermal decomposition of ammonium tetrathiomolybdate and graphite oxide for boosting capacity of Li-ion batteries. Carbon, 2021, 173, 194-204.	10.3	25
14	Porosity and composition of nitrogen-doped carbon materials templated by the thermolysis products of calcium tartrate and their performance in electrochemical capacitors. Journal of Alloys and Compounds, 2021, 858, 158259.	5.5	11
15	Design of Nanoalloyed Catalysts for Hydrogen Production Processes. Nanobiotechnology Reports, 2021, 16, 195-201.	0.6	2
16	COMPLEX SALT [Pd(NH3)4][Pd(NH3)3NO2][RhOx3]Â·H2O AS A PROSPECTIVE PRECURSOR OF Pdâ€“Rh NANOALLOYS. CRYSTAL STRUCTURE OF Na3[RhOx3]Â·4H2O. Journal of Structural Chemistry, 2021, 62, 782-793.	1.0	4
17	Copperâ€“Palladium Phase Diagram. Russian Journal of Inorganic Chemistry, 2021, 66, 891-893.	1.3	5
18	Facile synthesis of triple Ni-Mo-W alloys and their catalytic properties in chemical vapor deposition of chlorinated hydrocarbons. Journal of Alloys and Compounds, 2021, 866, 158778.	5.5	11

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19	Redox reactions between acetonitrile and nitrogen dioxide in the interlayer space of fluorinated graphite matrices. Physical Chemistry Chemical Physics, 2021, 23, 10580-10590.	2.8	8
20	Catalytic synthesis of segmented carbon filaments via decomposition of chlorinated hydrocarbons on Ni-Pt alloys. Catalysis Today, 2020, 348, 102-110.	4.4	15
21	Interaction of Pd and Rh with ZrCeYLaO2 support during thermal aging and its effect on the CO oxidation activity. Reaction Kinetics, Mechanisms and Catalysis, 2020, 129, 117-133.	1.7	11
22	Effect of La Addition on the Performance of Three-Way Catalysts Containing Palladium and Rhodium. Topics in Catalysis, 2020, 63, 152-165.	2.8	11
23	Synthesis of Porous Nanostructured MoS2 Materials in Thermal Shock Conditions and Their Performance in Lithium-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 10802-10813.	5.1	8
24	Synthesis of nitrogen doped segmented carbon nanofibers via metal dusting of Ni-Pd alloy. Catalysis Today, 2020, 388-389, 312-312.	4.4	3
25	Partial Miscibility of Metals as a Key for Improved Properties. Materials Science Forum, 2020, 998, 151-156.	0.3	0
26	Magnetic Properties of 1D Ironâ€“Sulfur Compounds Formed Inside Singleâ€Walled Carbon Nanotubes. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000291.	2.4	3
27	The Attractiveness of the Ternary Rh-Pd-Pt Alloys for CO Oxidation Process. Processes, 2020, 8, 928.	2.8	10
28	Mechanochemical Synthesis, Structure, and Catalytic Activity of Ni-Cu, Ni-Fe, and Ni-Mo Alloys in the Preparation OF Carbon Nanofibers During the Decomposition of Chlorohydrocarbons. Journal of Structural Chemistry, 2020, 61, 769-779.	1.0	9
29	Transformation of alumina-supported Pt-Au alloyed nanoparticles into core-shell Pt@Au structures during high-temperature treatment. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	4
30	Thermal activation of Pd/CeO2-SnO2 catalysts for low-temperature CO oxidation. Applied Catalysis B: Environmental, 2020, 277, 119275.	20.2	43
31	Room temperature synthesis of fluorinated graphite intercalation compounds with low fluorine loading of host matrix. Journal of Fluorine Chemistry, 2020, 232, 109482.	1.7	8
32	Sodium storage properties of thin phosphorus-doped graphene layers developed on the surface of nanodiamonds under hot pressing conditions. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 335-341.	2.1	4
33	Adsorption of 1,2-Dichlorobenzene on a Carbon Nanomaterial Prepared by Decomposition of 1,2-Dichloroethane on Nickel Alloys. Russian Journal of Applied Chemistry, 2020, 93, 1873-1882.	0.5	6
34	Preparation of porous Co-Pt alloys for catalytic synthesis of carbon nanofibers. Nanotechnology, 2020, 31, 495604.	2.6	10
35	Formation of Active Sites of Carbon Nanofibers Growth in Self-Organizing Niâ€“Pd Catalyst during Hydrogen-Assisted Decomposition of 1,2-Dichloroethane. Industrial & Engineering Chemistry Research, 2019, 58, 685-694.	3.7	22
36	Synthesis and Study of Bimetallic Pd-Rh System Supported on Zirconia-Doped Alumina as a Component of Three-way Catalysts. Emission Control Science and Technology, 2019, 5, 363-377.	1.5	10

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37	Chemical Composition, Structure, and Functional Properties of the Coatings of Microchannel Plate Channels. Journal of Surface Investigation, 2019, 13, 451-455.	0.5	1
38	Pressureâ€Assisted Interface Engineering in MoS₂/Holey Graphene Hybrids for Improved Performance in Liâ€ion Batteries. Energy Technology, 2019, 7, 1900659.	3.8	10
39	Effect of Mo on the catalytic activity of Ni-based self-organizing catalysts for processing of dichloroethane into segmented carbon nanomaterials. Heliyon, 2019, 5, e02428.	3.2	22
40	Synthesis of bimetallic AuPt/CeO2 catalysts and their comparative study in CO oxidation under different reaction conditions. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 69-83.	1.7	16
41	Bimetallic Pt,Ir-containing coatings formed by MOCVD for medical applications. Journal of Materials Science: Materials in Medicine, 2019, 30, 69.	3.6	7
42	Purification of gasoline exhaust gases using bimetallic Pdâ€“Rh/Î´-Al2O3 catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 137-148.	1.7	12
43	Preparation of highly dispersed Ni1-xPdx alloys for the decomposition of chlorinated hydrocarbons. Journal of Alloys and Compounds, 2019, 782, 716-722.	5.5	20
44	Experimental redetermination of the Cuâ€“Pd phase diagram. Journal of Alloys and Compounds, 2019, 777, 204-212.	5.5	23
45	Optical Spectroscopy Methods in the Estimation of the Thermal Stability of Bimetallic Pdâ€“Rh/Al2O3 Three-Way Catalysts. Topics in Catalysis, 2019, 62, 296-304.	2.8	10
46	Prospect of Using Nanoalloys of Partly Miscible Rhodium and Palladium in Three-Way Catalysis. Topics in Catalysis, 2019, 62, 305-314.	2.8	17
47	Graphitization of 13C enriched fine-grained graphitic material under high-pressure annealing. Carbon, 2019, 141, 323-330.	10.3	24
48	Effect of metal ratio in alumina-supported Pd-Rh nanoalloys on its performance in three way catalysis. Journal of Alloys and Compounds, 2018, 749, 155-162.	5.5	25
49	Creation of nanosized holes in graphene planes for improvement of rate capability of lithium-ion batteries. Nanotechnology, 2018, 29, 134001.	2.6	40
50	Iron-filled multi-walled carbon nanotubes for terahertz applications: effects of interfacial polarization, screening and anisotropy. Nanotechnology, 2018, 29, 174003.	2.6	11
51	The peculiarities of Auâ€“Pt alloy nanoparticles formation during the decomposition of double complex salts. Journal of Alloys and Compounds, 2018, 740, 935-940.	5.5	16
52	Comparative study of 1,2-dichlorethane decomposition over Ni-based catalysts with formation of filamentous carbon. Catalysis Today, 2018, 301, 147-152.	4.4	11
53	Highâ€Pressure Highâ€Temperature Synthesis of MoS₂/Holey Graphene Hybrids and Their Performance in Liâ€ion Batteries. Physica Status Solidi (B): Basic Research, 2018, 255, 1700262.	1.5	18
54	Carbon Nanotube Synthesis Using Feâ€Mo/MgO Catalyst with Different Ratios of CH₄ and H₂ Gases. Physica Status Solidi (B): Basic Research, 2018, 255, 1700274.	1.5	10

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55	Effect of Hot Pressing on the Electrochemical Performance of Multilayer Holey Graphene Materials in Liâ€ion Batteries. Physica Status Solidi (B): Basic Research, 2018, 255, 1800202.	1.5	6
56	Optical spectroscopy of Rh3+ ions in the lanthanum-aluminum oxide systems. Journal of Luminescence, 2018, 204, 609-617.	3.1	11
57	Synthesis of Filamentary Carbon Material on a Self-Organizing Niâ€“Pt Catalyst in the Course of 1,2-Dichloroethane Decomposition. Kinetics and Catalysis, 2018, 59, 363-371.	1.0	10
58	Effect of in-plane size of MoS2 nanoparticles grown over multilayer graphene on the electrochemical performance of anodes in Li-ion batteries. Electrochimica Acta, 2018, 283, 45-53.	5.2	17
59	Structure and supercapacitor properties of few-layer low-fluorinated graphene materials. Journal of Materials Science, 2018, 53, 13053-13066.	3.7	18
60	Catalytic conversion of 1,2-dichloroethane over Ni-Pd system into filamentous carbon material. Catalysis Today, 2017, 293-294, 23-32.	4.4	32
61	Peculiarity of Rh bulk diffusion in La-doped alumina and its impact on CO oxidation over Rh/Al2O3. Catalysis Communications, 2017, 97, 18-22.	3.3	18
62	Successful synthesis and thermal stability of immiscible metal Auâ€“Rh, Auâ€“Ir andAuâ€“Irâ€“Rh nanoalloys. Nanotechnology, 2017, 28, 205302.	2.6	26
63	Domain structure of CoIr nanoalloys. Powder Diffraction, 2017, 32, S155-S159.	0.2	2
64	Copper on carbon materials: stabilization by nitrogen doping. Journal of Materials Chemistry A, 2017, 5, 10574-10583.	10.3	103
65	Structural rearrangements of the first stage inclusion compound of fluorinated graphite with acetonitrile during isothermal deintercalation. Journal of Thermal Analysis and Calorimetry, 2017, 128, 349-355.	3.6	4
66	Multiscale characterization of 13C-enriched fine-grained graphitic materials for chemical and electrochemical applications. Carbon, 2017, 124, 161-169.	10.3	13
67	Metal Ir coatings on endocardial electrode tips, obtained by MOCVD. Applied Surface Science, 2017, 425, 1052-1058.	6.1	16
68	Synthesis of bimetallic nanocompositions AuxPd1-x/Î³-Al2O3 for catalytic CO oxidation. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	3
69	Catalytic behavior of bimetallic Niâ€“Fe systems in the decomposition of 1,2-dichloroethane. Effect of iron doping and preparation route. Reaction Kinetics, Mechanisms and Catalysis, 2017, 121, 413-423.	1.7	8
70	Double complex salts [Au(En)2][Ir(NO2)6] â€¢ nH2O (n = 0, 2), [Au(En)2][Ir(NO2)6] x [Rh(NO2)6]1â€“x â€¢ nH2O (x = 0.25, 0.5, 0.75): Synthesis, structure, thermal properties. Russian Journal of Inorganic Chemistry, 2017, 62, 12-21.	1.3	3
71	Ordering and magnetic properties of nanostructured CoPt particles. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 298-300.	0.6	0
72	Effect of metal-metal and metal-support interaction on activity and stability of Pd-Rh/alumina in CO oxidation. Catalysis Today, 2017, 293-294, 73-81.	4.4	48

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73	Effect of Alumina Phase Transformation on Stability of Low-Loaded Pd-Rh Catalysts for CO Oxidation. Topics in Catalysis, 2017, 60, 152-161.	2.8	25
74	Promoting Effect of Co, Cu, Cr and Fe on Activity of Ni-Based Alloys in Catalytic Processing of Chlorinated Hydrocarbons. Topics in Catalysis, 2017, 60, 171-177.	2.8	21
75	One-step chemical vapor deposition synthesis and supercapacitor performance of nitrogen-doped porous carbonâ€“carbon nanotube hybrids. Beilstein Journal of Nanotechnology, 2017, 8, 2669-2679.	2.8	30
76	New SrPb3Br8 crystals: Growth, crystal structure and optical properties. Journal of Alloys and Compounds, 2016, 682, 832-838.	5.5	11
77	Synthesis of unsaturated secondary amines by direct reductive amination of aliphatic aldehydes with nitroarenes over Au/Al₂O₃catalyst in continuous flow mode. RSC Advances, 2016, 6, 88366-88372.	3.6	18
78	Thermally exfoliated fluorinated graphite for NO₂ gas sensing. Physica Status Solidi (B): Basic Research, 2016, 253, 2492-2498.	1.5	14
79	The exchange interaction effects on magnetic properties of the nanostructured CoPt particles. Journal of Magnetism and Magnetic Materials, 2016, 401, 236-241.	2.3	8
80	Effect of Pd deposition procedure on activity of Pd/Ce0.5Sn0.5O2 catalysts for low-temperature CO oxidation. Catalysis Communications, 2016, 73, 34-38.	3.3	18
81	MOCVD growth and study of magnetic Co films. Surface Engineering, 2016, 32, 8-14.	2.2	4
82	Thermal decomposition of [Co(NH3)6][Fe(C2O4)3]â€¢3H2O in inert and reductive atmospheres. Russian Chemical Bulletin, 2015, 64, 1963-1966.	1.5	6
83	Structure of platinum coatings obtained by chemical vapor deposition. Journal of Structural Chemistry, 2015, 56, 1215-1219.	1.0	10
84	MOCVD growth of Pt films using a novel Pt(IV) compound as a precursor. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1053-1059.	0.8	4
85	Niâ€“Mo and Coâ€“Mo alloy nanoparticles for catalytic chemical vapor deposition synthesis of carbon nanotubes. Journal of Alloys and Compounds, 2015, 621, 351-356.	5.5	77
86	One-pot reductive amination of aldehydes with nitroarenes over an Au/Al₂O₃ catalyst in a continuous flow reactor. Catalysis Science and Technology, 2015, 5, 4741-4745.	4.1	51
87	CO oxidation over fiberglasses with doped Cu-Ce-O catalytic layer prepared by surface combustion synthesis. Applied Surface Science, 2015, 349, 21-26.	6.1	23
88	Synthesis, crystal structures, and characterization of double complex salts [Au(en)2][Rh(NO2)6]Â·2H2O and [Au(en)2][Rh(NO2)6]. Journal of Molecular Structure, 2015, 1100, 174-179.	3.6	11
89	Determination of the equilibrium miscibility gap in the Pdâ€“Rh alloy system using metal nanopowders obtained by decomposition of coordination compounds. Journal of Alloys and Compounds, 2015, 622, 1055-1060.	5.5	21
90	Low-temperature CO oxidation by Pd/CeO2 catalysts synthesized using the coprecipitation method. Applied Catalysis B: Environmental, 2015, 166-167, 91-103.	20.2	167

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91	Chemical vapor deposition of Pd/Cu alloy films from a new single source precursor. Journal of Crystal Growth, 2015, 414, 130-134.	1.5	22
92	Effect of the nature of a textural promoter on the catalytic properties of a nickel-copper catalyst for hydrocarbon processing in the production of carbon nanofibers. Catalysis in Industry, 2014, 6, 176-181.	0.7	9
93	Chlorination of perforated graphite via interaction with thionylchloride. Physica Status Solidi (B): Basic Research, 2014, 251, 2613-2619.	1.5	12
94	Ni-Cu and Ni-Co alloys: Synthesis, structure, and catalytic activity for the decomposition of chlorinated hydrocarbons. Inorganic Materials, 2014, 50, 566-571.	0.8	19
95	Bimetallic Au-Cu/CeO2 catalyst: Synthesis, structure, and catalytic properties in the CO preferential oxidation. Catalysis in Industry, 2014, 6, 36-43.	0.7	4
96	Stabilization of active sites in alloyed Pdâ€“Rh catalysts on Î³-Al2O3 support. Catalysis Today, 2014, 238, 80-86.	4.4	49
97	Low temperature synthesis of Ruâ€“Cu alloy nanoparticles with the compositions in the miscibility gap. Journal of Solid State Chemistry, 2014, 212, 42-47.	2.9	13
98	Synthesis of nanostructured carbon fibers from chlorohydrocarbons over Bulk Ni-Cr Alloys. Nanotechnologies in Russia, 2014, 9, 380-385.	0.7	28
99	Silica, alumina and ceria supported Auâ€“Cu nanoparticles prepared via the decomposition of [Au(en)2]2[Cu(C2O4)2]3Â·8H2O single-source precursor: Synthesis, characterization and catalytic performance in CO PROX. Catalysis Today, 2014, 235, 103-111.	4.4	33
100	Catalytic Purification of Exhaust Gases Over Pdâ€“Rh Alloy Catalysts. Topics in Catalysis, 2013, 56, 1008-1014.	2.8	47
101	Deposition of Ni thin films from Ni(II) Î²-diketonates derivatives with 1,3-diaminopropane. Journal of Physics and Chemistry of Solids, 2013, 74, 1204-1211.	4.0	6
102	Synthesis and properties of (C2F x Br0.01 Â· y CH3COOC2H5) n (0.5 < x < 1.0) intercalation compounds. Inorganic Materials, 2013, 49, 528-533.	0.8	0
103	Vapour phase formic acid decomposition over PdAu/Î³-Al2O3 catalysts: Effect of composition of metallic particles. Journal of Catalysis, 2013, 299, 171-180.	6.2	45
104	Synthesis of a bismuth germanium oxide source material for Bi4Ge3O12 crystal growth. Inorganic Materials, 2013, 49, 412-415.	0.8	6
105	Three new O,N-coordinated Ni(II) complexes: Syntheses, crystal structures, and MOCVD applications. Journal of Organometallic Chemistry, 2013, 741-742, 122-130.	1.8	12
106	Magnetic anisotropy and order parameter in nanostructured CoPt particles. Applied Physics Letters, 2013, 103, .	3.3	11
107	In situsynchrotron study of Auâ€“Pd nanoporous alloy formation by single-source precursor thermolysis. Nanotechnology, 2012, 23, 405302.	2.6	37
108	Preferential CO oxidation over bimetallic Ptâ€“Co catalysts prepared via double complex salt decomposition. Chemical Engineering Journal, 2012, 207-208, 683-689.	12.7	46

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109	Deposition of Au Thin Films and Nanoparticles by MOCVD. Chemical Vapor Deposition, 2012, 18, 336-342.	1.3	28
110	Perforation of graphite in boiling mineral acid. Physica Status Solidi (B): Basic Research, 2012, 249, 2620-2624.	1.5	16
111	Investigation of thermal properties of double complex salts [M(NH3)5Br][AuBr4]2Â·nH2O, MÂ=ÂRh, Ir. Journal of Thermal Analysis and Calorimetry, 2012, 109, 901-905.	3.6	1
112	Synthesis, crystal structures and thermal behavior of Ni(pda)(hfac)2 and Ni(pda)(thd)2 as potential MOCVD precursors (pda-1,3-diaminopropane, hfac-1,1,1,5,5,5-hexafluoro-2,4-pentanedionato(-),) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	15
113	Double complex salts [Pd(NH3)4]3[Rh(NO2)6]2, [Pd(NH3)4]3[Rh(NO2)6]2Â·H2O as promising precursors to prepare Pd-Rh nanoalloys. Journal of Structural Chemistry, 2012, 53, 527-533.	1.0	15
114	Hydrogen electrooxidation over palladiumâ€“gold alloy: Effect of pretreatment in ethylene on catalytic activity and CO tolerance. Electrochimica Acta, 2012, 76, 344-353.	5.2	18
115	Formation of solid solutions in the Re-Rh system upon thermobaric treatment of nanosized metal powders. Journal of Structural Chemistry, 2011, 52, 505-509.	1.0	2
116	Crystal structure of [Pd(NH3)4][Rh(NH3)(NO2)5]. Journal of Structural Chemistry, 2011, 52, 621-624.	1.0	6
117	Crystal structure of [Pd(NH3)4]3[Ir(NO2)6]2Â·H2O. Journal of Structural Chemistry, 2011, 52, 816-819.	1.0	6
118	Layered compounds based on perforated graphene. Journal of Structural Chemistry, 2011, 52, 903-909.	1.0	11
119	Crystal structure and thermal properties of [Au(en)2]2[Cu(C2O4)2]3Â·8H2O. Journal of Structural Chemistry, 2011, 52, 924-929.	1.0	5
120	Synergetic effect in PdAu/CeO2 catalysts for the low-temperature oxidation of CO. Journal of Structural Chemistry, 2011, 52, 123-136.	1.0	8
121	Low-temperature oxidation of carbon monoxide on Pd(Pt)/CeO2 catalysts prepared from complex salts. Kinetics and Catalysis, 2011, 52, 282-295.	1.0	17
122	The relationship between properties of fluorinated graphite intercalates and matrix composition. Journal of Thermal Analysis and Calorimetry, 2011, 104, 1077-1082.	3.6	3
123	Bimetallic single-source precursors [M(NH3)4][Co(C2O4)2(H2O)2]Â·2H2O (M=Pd, Pt) for the one run synthesis of CoPd and CoPt magnetic nanoalloys. Polyhedron, 2011, 30, 1305-1312.	2.2	33
124	Composites based on polyaniline and aligned carbon nanotubes. Polymer Science - Series B, 2010, 52, 101-108.	0.8	8
125	Formation of nanosized bimetallic particles based on noble metals. Catalysis in Industry, 2010, 2, 20-25.	0.7	4
126	Structure of Ir and Ir-Al2o3 coatings obtained by chemical vapor deposition in the presence of oxygen. Journal of Structural Chemistry, 2010, 51, 82-91.	1.0	7

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127	The relationship between properties of fluorinated graphite intercalates and matrix composition. Journal of Thermal Analysis and Calorimetry, 2010, 100, 163-169.	3.6	8
128	XAFS investigation of [Pd(NH3)4][AuCl4]2 and its thermolysis products. Journal of Thermal Analysis and Calorimetry, 2010, 102, 703-708.	3.6	10
129	Relationship between properties of fluorinated graphite intercalates and matrix composition Part III. Intercalates with 1,2-dichloroethane. Journal of Thermal Analysis and Calorimetry, 2009, 96, 501-505.	3.6	10
130	The role of intermolecular interactions in structure formation of host guest inclusion compounds based on a graphite fluoride polymer matrix. Journal of Structural Chemistry, 2009, 50, 754-760.	1.0	2
131	X-ray study of the thermolysis products of (NH4)2[OsCl6] x [PtCl6]1â^'x. Journal of Structural Chemistry, 2009, 50, 1121-1125.	1.0	9
132	Catalytic synthesis of carbon nanotubes using Ni- and Co-doped calcium tartrates. Carbon, 2009, 47, 1701-1707.	10.3	26
133	Heterometallic complexes of Co2+, Ni2+, and Zn2+ with the [RuNO(NO2)4OH]2â^' anion and pyridine: Synthesis, crystal structure, and thermolysis. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 57-64.	1.0	12
134	Phase equilibria in the thiourea-benzene system. Russian Journal of Physical Chemistry A, 2009, 83, 724-728.	0.6	0
135	Phase states and magnetic properties of iron nanoparticles in carbon nanotube channels. Journal of Experimental and Theoretical Physics, 2009, 109, 254-261.	0.9	7
136	XRD investigation and thermal properties of [Ir(NH3)6][Co(C2O4)3]â€¢H2O and [Co(NH3)6][Ir(C2O4)3] Â— precursors for Co0.50Ir0.50. Zeitschrift FÃ¼r Kristallographie, Supplement, 2009, 2009, 263-268.	0.5	11
137	X-ray powder diffraction study of the products of thermobaric treatment of the Re0.67Rh0.33 solid solution. Journal of Structural Chemistry, 2008, 49, 47-52.	1.0	4
138	Chemical vapor deposition and characterization of hafnium oxide films. Journal of Physics and Chemistry of Solids, 2008, 69, 685-687.	4.0	40
139	Effect of Fe/Ni catalyst composition on nitrogen doping and field emission properties of carbon nanotubes. Carbon, 2008, 46, 864-869.	10.3	35
140	Deposition of titanium dioxide from TTIP by plasma enhanced and remote plasma enhanced chemical vapor deposition. Surface and Coatings Technology, 2008, 202, 4076-4085.	4.8	30
141	Double complex salts of Pt and Pd ammines with Zn and Ni oxalates â€“ promising precursors of nanosized alloys. Inorganica Chimica Acta, 2008, 361, 199-207.	2.4	34
142	[M(NH3)5Cl][AuCl4]Cl Â· nH2O (M = Rh, Ru, or Cr): Synthesis, crystal structure, and thermal properties. Russian Journal of Inorganic Chemistry, 2008, 53, 1724-1732.	1.3	8
143	Clathrate formation and phase equilibria in the thiourea-bromoform system. Russian Journal of Physical Chemistry A, 2008, 82, 1061-1065.	0.6	0
144	Growth of carbon nanotubes via chemical vapor deposition on Co catalyst nanoparticles dispersed in CaO. Inorganic Materials, 2008, 44, 213-218.	0.8	5

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145	In situsynchrotron X-ray diffraction study of formation mechanism of Rh0.33Re0.67nanoalloy powder upon thermal decomposition of complex precursor. Zeitschrift FÃ¼r Kristallographie, Supplement, 2008, 2008, 185-192.	0.5	2
146	Dimethylgold(III) carboxylates as new precursors for gold CVD. Surface and Coatings Technology, 2007, 201, 9099-9103.	4.8	35
147	Growth of MoS2 layers on the surface of multiwalled carbon nanotubes. Inorganic Materials, 2007, 43, 236-239.	0.8	22
148	Synthesis of CNx nanotubes using catalysts prepared from zinc and nickel bimaleates. Inorganic Materials, 2007, 43, 945-950.	0.8	2
149	Co-Pt bimetallic catalysts for the selective oxidation of carbon monoxide in hydrogen-containing mixtures. Kinetics and Catalysis, 2007, 48, 276-281.	1.0	30
150	Synthesis, crystal structure, and thermal properties of [Pd(NH3)4][AuCl4]2. Russian Journal of Inorganic Chemistry, 2007, 52, 371-377.	1.3	19
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