

Sergey Korenev

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#	Paper	IF	Citations
158	Low-temperature CO oxidation by Pd/CeO ₂ catalysts synthesized using the coprecipitation method. <i>Applied Catalysis B: Environmental</i> , 2015 , 166-167, 91-103	21.8	116
157	Highly active PdCeO _x composite catalysts for low-temperature CO oxidation, prepared by plasma-arc synthesis. <i>Applied Catalysis B: Environmental</i> , 2014 , 147, 132-143	21.8	103
156	Synthesis and Structure of Binary Complexes of Platinum Group Metals [Precursors of Metallic Materials. <i>Journal of Structural Chemistry</i> , 2003 , 44, 46-59	0.9	45
155	Vapour phase formic acid decomposition over PdAu/Al ₂ O ₃ catalysts: Effect of composition of metallic particles. <i>Journal of Catalysis</i> , 2013 , 299, 171-180	7.3	40
154	Speciation of platinum(IV) in nitric acid solutions. <i>Inorganic Chemistry</i> , 2013 , 52, 10532-41	5.1	30
153	Bimetallic single-source precursors [M(NH ₃) ₄][Co(C ₂ O ₄) ₂ (H ₂ O) ₂] \cdot 2H ₂ O (M=Pd, Pt) for the one run synthesis of CoPd and CoPt magnetic nanoalloys. <i>Polyhedron</i> , 2011 , 30, 1305-1312	2.7	30
152	Double complex salts of Pt and Pd amines with Zn and Ni oxalates [promising precursors of nanosized alloys. <i>Inorganica Chimica Acta</i> , 2008 , 361, 199-207	2.7	30
151	Silica, alumina and ceria supported AuCu nanoparticles prepared via the decomposition of [Au(en) ₂] ₂ [Cu(C ₂ O ₄) ₂] ₃ \cdot 3H ₂ O single-source precursor: Synthesis, characterization and catalytic performance in CO PROX. <i>Catalysis Today</i> , 2014 , 235, 103-111	5.3	26
150	Co-Pt bimetallic catalysts for the selective oxidation of carbon monoxide in hydrogen-containing mixtures. <i>Kinetics and Catalysis</i> , 2007 , 48, 276-281	1.5	24
149	On formation mechanism of PdIr bimetallic nanoparticles through thermal decomposition of [Pd(NH ₃) ₄][IrCl ₆]. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	22
148	Syntheses of [Rh(NH ₃) ₅ Cl][MCl ₆] (M = Re, Os, Ir) and Investigation of Their Thermolysis Products. Crystal Structure of [Rh(NH ₃) ₅ Cl][OsCl ₆]. <i>Journal of Structural Chemistry</i> , 2002 , 43, 488-494	0.9	22
147	Polynuclear Hydroxido-Bridged Complexes of Platinum(IV) with Terminal Nitrate Ligands. <i>Inorganic Chemistry</i> , 2015 , 54, 4644-51	5.1	21
146	Bimetallic Rh-Co/ZrO ₂ catalysts for ethanol steam reforming into hydrogen-containing gas. <i>Kinetics and Catalysis</i> , 2010 , 51, 893-897	1.5	21
145	Determination of the equilibrium miscibility gap in the PdRh alloy system using metal nanopowders obtained by decomposition of coordination compounds. <i>Journal of Alloys and Compounds</i> , 2015 , 622, 1055-1060	5.7	19
144	Optically active ZnII and PtII complexes of the 3-carene type β -amino oxime. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 115-122		19
143	Hydrogen electrooxidation over palladium-gold alloy: Effect of pretreatment in ethylene on catalytic activity and CO tolerance. <i>Electrochimica Acta</i> , 2012 , 76, 344-353	6.7	18
142	Low-temperature oxidation of carbon monoxide on Pd(Pt)/CeO ₂ catalysts prepared from complex salts. <i>Kinetics and Catalysis</i> , 2011 , 52, 282-295	1.5	16

141	Synthesis, crystal structure, and thermal properties of [Pd(NH ₃) ₄][AuCl ₄] ₂ . <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 371-377	1.5	16
140	Photochemistry of PtBr ₆ ²⁻ in aqueous solution. <i>Russian Chemical Bulletin</i> , 2007 , 56, 2357-2363	1.7	16
139	Metal solid solutions obtained by thermolysis of Pt and Re salts. Crystal structure of [Pt(NH ₃) ₄](ReO ₄) ₂ . <i>Journal of Structural Chemistry</i> , 2006 , 47, 489-498	0.9	16
138	Successful synthesis and thermal stability of immiscible metal Au-Rh, Au-Ir and Au-Ir-Rh nanoalloys. <i>Nanotechnology</i> , 2017 , 28, 205302	3.4	15
137	Experimental redetermination of the Cu-Pd phase diagram. <i>Journal of Alloys and Compounds</i> , 2019 , 777, 204-212	5.7	15
136	Effect of Pd deposition procedure on activity of Pd/Ce _{0.5} Sn _{0.5} O ₂ catalysts for low-temperature CO oxidation. <i>Catalysis Communications</i> , 2016 , 73, 34-38	3.2	14
135	Solid solutions of platinum(II) and palladium(II) oxalato-complex salt as precursors of nanoalloys. <i>Journal of Solid State Chemistry</i> , 2013 , 199, 71-77	3.3	14
134	Study on thermal decomposition of double complex salt [Pd(NH ₃) ₄][PtCl ₆]. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 123, 1183-1195	4.1	13
133	Preparation of highly dispersed Ni _{1-x} Pd _x alloys for the decomposition of chlorinated hydrocarbons. <i>Journal of Alloys and Compounds</i> , 2019 , 782, 716-722	5.7	13
132	The peculiarities of Au-Pt alloy nanoparticles formation during the decomposition of double complex salts. <i>Journal of Alloys and Compounds</i> , 2018 , 740, 935-940	5.7	12
131	On preparation of platinum(IV) nitrate solutions from hexahydroxoplatinates(IV). <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 995-1002	0.8	12
130	Synthesis of [M(NH ₃) ₅ Cl](ReO ₄) ₂ (M = Cr, Co, Ru, Rh, Ir) and investigation of thermolysis products. Crystal structure of [Rh(NH ₃) ₅ Cl](ReO ₄) ₂ . <i>Journal of Structural Chemistry</i> , 2006 , 47, 1103-1110	0.9	12
129	Exothermal effects in the thermal decomposition of [IrCl ₆] ₂ -containing salts with [M(NH ₃) ₅ Cl] ₂ ⁺ cations: [M(NH ₃) ₅ Cl][IrCl ₆] (M = Co, Cr, Ru, Rh, Ir). <i>New Journal of Chemistry</i> , 2018 , 42, 1762-1770	3.6	12
128	Rhodium(III) Speciation in Concentrated Nitric Acid Solutions. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3822-3828	2.3	11
127	Double complex salts [M(NH ₃) ₅ Cl][M [?] Br ₄] (M = Rh, Ir, Co, Cr, Ru; M [?] = Pt, Pd): Synthesis, x-ray diffraction characterization, and thermal properties. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 202-209	1.5	11
126	Crystal Structure of [M(NH ₃) ₅ Cl] ₂ [IrCl ₆] ₂ (M = Co, Rh, Ir) Binary Complex Salts. <i>Journal of Structural Chemistry</i> , 2003 , 44, 60-67	0.9	11
125	Synthesis, crystal structure, and properties of [Rh(NH ₃) ₅ Cl][ReBr ₆]. <i>Journal of Structural Chemistry</i> , 2005 , 46, 109-115	0.9	11
124	Some peculiarities of zirconium tungstate synthesis by thermal decomposition of hydrothermal precursors. <i>Thermochimica Acta</i> , 2014 , 597, 19-26	2.9	10

123	Double complex salts $[\text{Pd}(\text{NH}_3)_4]_3[\text{Rh}(\text{NO}_2)_6]_2$, $[\text{Pd}(\text{NH}_3)_4]_3[\text{Rh}(\text{NO}_2)_6]_2 \cdot 2\text{H}_2\text{O}$ as promising precursors to prepare Pd-Rh nanoalloys. <i>Journal of Structural Chemistry</i> , 2012 , 53, 527-533	0.9	10
122	Powder X-ray diffraction study of the double complexes $[\text{M}(\text{NH}_3)_5\text{Cl}][\text{M}''\text{Cl}_4]$ as precursors of metal powders (M = Ir, Rh, Co; M'' = Pt, Pd). <i>Russian Chemical Bulletin</i> , 2002 , 51, 41-45	1.7	10
121	Synthesis, crystal structures, and characterization of double complex salts $[\text{Au}(\text{en})_2][\text{Rh}(\text{NO}_2)_6] \cdot 2\text{H}_2\text{O}$ and $[\text{Au}(\text{en})_2][\text{Rh}(\text{NO}_2)_6]$. <i>Journal of Molecular Structure</i> , 2015 , 1100, 174-179	3.4	9
120	A new approach towards the study of thermal decomposition and formation processes of nanoalloys: the double complex salt $[\text{Pd}(\text{NH}_3)_4][\text{PtCl}_6]$. <i>New Journal of Chemistry</i> , 2018 , 42, 5071-5082	3.6	9
119	Synthesis and study of Pd-Rh alloy nanoparticles and alumina-supported low-content Pd-Rh catalysts for CO oxidation. <i>Materials Research Bulletin</i> , 2018 , 102, 196-202	5.1	9
118	Bimetallic Pt _{0.5} Co _{0.5} /SiO ₂ Catalyst: Preparation, Structure, and Properties in Preferential Oxidation of Carbon Monoxide. <i>Kinetics and Catalysis</i> , 2018 , 59, 514-520	1.5	9
117	Magnetic anisotropy and order parameter in nanostructured CoPt particles. <i>Applied Physics Letters</i> , 2013 , 103, 152404	3.4	9
116	Complex salts $[\text{Pd}(\text{NH}_3)_4](\text{ReO}_4)_2$ and $[\text{Pd}(\text{NH}_3)_4](\text{MnO}_4)_2$: Synthesis, structure, and thermal properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 374-379	1.6	9
115	Oxalato complexes of Pd(II) with Co(II) and Ni(II) as single-source precursors for bimetallic nanoalloys. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 111-121	4.1	8
114	Complex salts of Pd(II) and Pt(II) with Co(II) and Ni(II) aqua-cations as single-source precursors for bimetallic nanoalloys and mixed oxides. <i>New Journal of Chemistry</i> , 2018 , 42, 8843-8850	3.6	8
113	Thermal decomposition of ammonium hexachloroosmate. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 33134-33141	3.6	8
112	Low temperature synthesis of Ru ₂ Tu alloy nanoparticles with the compositions in the miscibility gap. <i>Journal of Solid State Chemistry</i> , 2014 , 212, 42-47	3.3	8
111	Spectroscopic and DFT Study of Rh Chloro Complex Transformation in Alkaline Solutions. <i>Inorganic Chemistry</i> , 2017 , 56, 10724-10734	5.1	8
110	Isolation of homoleptic platinum oxyanionic complexes with doubly protonated diazacrown cation. <i>Journal of Molecular Structure</i> , 2017 , 1130, 855-859	3.4	8
109	Synergetic effect in PdAu/CeO ₂ catalysts for the low-temperature oxidation of CO. <i>Journal of Structural Chemistry</i> , 2011 , 52, 123-136	0.9	8
108	Magnetic Properties and L10 Phase Formation in CoPt Nanoparticles. <i>Solid State Phenomena</i> , 2012 , 190, 159-162	0.4	8
107	XAFS investigation of $[\text{Pd}(\text{NH}_3)_4][\text{AuCl}_4]_2$ and its thermolysis products. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 102, 703-708	4.1	8
106	Photochemistry of PtBr ₆ ²⁻ complex in aqueous solutions. Formation and decay of Br ₂ [•] radical anions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 214, 181-187	4.7	8

105	Synthesis, crystal structures, and thermal properties of rhodium(iii) complexes with Epicoline and isonicotinic acid. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1637-1643	1.7	8
104	Synthesis, Structure, and Thermal Decomposition of Chloropentamminerhodium(III) Hexabromoplatinate(IV). <i>Journal of Structural Chemistry</i> , 2002 , 43, 649-655	0.9	8
103	Crystal structure of [Ir(NH ₃) ₅ Cl] ₂ [OsCl ₆]Cl ₂ . Crystal-chemical analysis of the iridium-osmium system. <i>Journal of Structural Chemistry</i> , 2005 , 46, 1052-1059	0.9	8
102	The exchange interaction effects on magnetic properties of the nanostructured CoPt particles. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 401, 236-241	2.8	7
101	Novel mixed-ligand palladium complexes [Pd ₂ (acac) ₃ NO ₃] and [Pd(acac)NO ₃] _n involving O,O- and E-bonded acetylacetonate linkers. <i>Polyhedron</i> , 2012 , 31, 272-277	2.7	7
100	[Pd(NH ₃) ₄]MoO ₄ as a precursor for PdMo-containing catalysts: Thermal behavior, X-ray analysis of the thermolysis products and related catalytic studies. <i>Thermochimica Acta</i> , 2013 , 566, 100-104	2.9	7
99	Structure and thermal properties of [RhPy ₄ Cl ₂] _x complex salts (X = Cl, ReO ₄ , ClO ₄). <i>Journal of Structural Chemistry</i> , 2009 , 50, 335-342	0.9	7
98	X-ray study of the thermolysis products of (NH ₄) ₂ [OsCl ₆] x [PtCl ₆] ₁ . <i>Journal of Structural Chemistry</i> , 2009 , 50, 1121-1125	0.9	7
97	Double complex salts [Pt(NH ₃) ₅ Cl][M(C ₂ O ₄) ₃] nH ₂ O (M = Fe, Co, Cr): Synthesis and study. <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 1487-1491	1.5	7
96	Properties of nitric acid palladium solutions with a high metal concentration. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 695-704	0.8	7
95	[Pd(NH ₃) ₄][Ir _{0.5} Os _{0.5} Cl ₆] Solid Solution: Synthesis and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2003 , 29, 219-221	1.6	7
94	Cerium(III) Nitrate Derived CeO ₂ Support Stabilising PtOx Active Species for Room Temperature CO Oxidation. <i>ChemCatChem</i> , 2020 , 12, 1413-1428	5.2	7
93	Bimetallic Pt-Co/Al ₂ O ₃ /FeCrAl wire mesh composite catalyst prepared via double complex salt [Pt(NH ₃) ₄][Co(C ₂ O ₄) ₂ (H ₂ O) ₂] 2H ₂ O decomposition. <i>Materials Letters</i> , 2019 , 236, 109-111	3.3	7
92	Tetraammineplatinum(II) and Tetraamminepalladium(II) Chromates as Precursors of Metal Oxide Catalysts. <i>Chemistry - A European Journal</i> , 2020 , 26, 4341-4349	4.8	6
91	In situ X-ray spectroscopic investigation of thermal decomposition of double complex salt [Pt(NH ₃) ₄][OsCl ₆]. <i>Journal of Structural Chemistry</i> , 2017 , 58, 901-910	0.9	6
90	Crystal structure of [Pd(NH ₃) ₄][Rh(NH ₃)(NO ₂) ₅]. <i>Journal of Structural Chemistry</i> , 2011 , 52, 621-624	0.9	6
89	X-ray diffraction study of [Ru(NH ₃) ₅ Cl][ReCl ₆] and [Ru(NH ₃) ₅ Cl] ₂ [ReCl ₆]Cl ₂ and their thermolysis products. Crystal-chemical analysis of the Ru-Re system. <i>Journal of Structural Chemistry</i> , 2009 , 50, 120-126	0.9	6
88	Structures Of Tetraammine Salts [Pt(NH ₃) ₄](NO ₃) ₂ , [Pd(NH ₃) ₄](NO ₃) ₂ , and [Pd(NH ₃) ₄]F ₂ H ₂ O. <i>Journal of Structural Chemistry</i> , 2010 , 51, 709-713	0.9	6

87	[M(NH ₃) ₅ Cl][AuCl ₄]Cl · nH ₂ O (M = Rh, Ru, or Cr): Synthesis, crystal structure, and thermal properties. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 1724-1732	1.5	6
86	Synthesis, structure, and thermal transformations of double complex salts [Au(C ₄ H ₁₃ N ₃)Cl][MCl ₆] · nH ₂ O (M = Ir, Pt; n = 0). <i>Russian Chemical Bulletin</i> , 2006 , 55, 429-434	1.7	6
85	Synthesis of nonequilibrium Ir _x Re _{1-x} solid solutions. Crystal structure of [Ir(NH ₃) ₅ Cl] ₂ [ReCl ₆]Cl ₂ . <i>Journal of Structural Chemistry</i> , 2004 , 45, 482-489	0.9	6
84	Photolysis of [PtBr ₆] ²⁻ complex in frozen methanol matrix. <i>Russian Chemical Bulletin</i> , 2003 , 52, 1305-1311	1.7	6
83	Syntheses and X-ray studies of the complexes [M(NH ₃) ₄][M ²⁺ X ₆] (M = Pt, Pd; M ²⁺ = Re, Os; X = Cl, Br). <i>Journal of Structural Chemistry</i> , 2000 , 41, 340-343	0.9	6
82	Preparation of Zr(Mo,W)O with a larger negative thermal expansion by controlling the thermal decomposition of Zr(Mo,W)(OH,Cl) ₂ · HO. <i>Scientific Reports</i> , 2018 , 8, 5337	4.9	5
81	Solid-phase room-temperature decomposition of a complex salt trans-[Rh(EPic) ₄ Cl ₂]MnO ₄ . <i>Polyhedron</i> , 2011 , 30, 1201-1206	2.7	5
80	Complex salts trans-[Rh(EPic) ₄ Cl ₂]X (X = Cl · ReO ₄ ⁻ , and ClO ₄ ⁻): Synthesis, crystal structures, and thermal properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 347-352	1.6	5
79	Complex salts (DienH ₃)[IrCl ₆](NO ₃), (DienH ₃)[PtCl ₆](NO ₃), and (DienH ₃)[IrCl ₆] _{0.5} [PtCl ₆] _{0.5} (NO ₃): Synthesis, structure, and thermal properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007 , 33, 45-52	1.6	5
78	Synthesis, structure, and properties of the thermolysis products of [Os(NH ₃) ₅ Cl][ReCl ₆]. <i>Journal of Structural Chemistry</i> , 2007 , 48, 379-382	0.9	5
77	Crystal Structure and Properties of [Rh ₂ (H ₂ O) ₈ (OH) ₂](NO ₃) ₄ · 4H ₂ O. <i>Journal of Structural Chemistry</i> , 2018 , 59, 664-668	0.9	4
76	Bimetallic poly- and oligo-nuclear complexes based on a rhodium(III) metalloligand. <i>Journal of Molecular Structure</i> , 2012 , 1026, 8-16	3.4	4
75	Crystal structure of [Pd(NH ₃) ₄] ₃ [Ir(NO ₂) ₆] ₂ · 2H ₂ O. <i>Journal of Structural Chemistry</i> , 2011 , 52, 816-819	0.9	4
74	Formation of nanosized bimetallic particles based on noble metals. <i>Catalysis in Industry</i> , 2010 , 2, 20-25	0.8	4
73	[Zn(NH ₃) ₄][PtCl ₆] and [Cd(NH ₃) ₄][PtCl ₆] as precursors for intermetallic compounds PtZn and PtCd. <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 500-504	1.5	4
72	Investigation of pentaamminechloroplatinum(IV) perchlorate dihydrate. <i>Journal of Structural Chemistry</i> , 2007 , 48, 578-582	0.9	4
71	High-temperature X-ray diffraction study of thermolysis of the double complex salt [Rh(NH ₃) ₅ Cl][PtCl ₄]. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1109-1113	1.7	4
70	Re-determination of the crystal structure and investigation of thermal decomposition of the Chugaev salt, [Pt(NH ₃) ₅ Cl]Cl ₃ · 2H ₂ O. <i>Journal of Structural Chemistry</i> , 2006 , 47, 735-739	0.9	4

69	Binary Complexes $[M(NH_3)_5Cl][PdCl_4] \cdot H_2O$ (M = Rh, Co): Crystal Structure of $[Rh(NH_3)_5Cl][PdCl_4] \cdot H_2O$. <i>Journal of Structural Chemistry</i> , 2002 , 43, 643-648	0.9	4
68	Phase transformations of the $Re_{0.3}Ir_{0.7}$ solid solution. <i>Journal of Structural Chemistry</i> , 2005 , 46, 474-478.	0.9	4
67	Synthesis and crystal structure of $[Cr(NH_3)_5Cl][PdBr_4]$. <i>Journal of Structural Chemistry</i> , 2005 , 46, 1091-1094	0.9	4
66	MOCVD growth and study of magnetic Co films. <i>Surface Engineering</i> , 2016 , 32, 8-14	2.6	3
65	Crystal structures of new double complex salts $[M(NH_3)_5Br][AuBr_4] \cdot 2H_2O$, where M = Ir, Rh and complex salt $[Ir(NH_3)_5Br]Br_2$. <i>Journal of Structural Chemistry</i> , 2011 , 52, 383-388	0.9	3
64	Complex rhodium(III) salts with isonicotinic acid: Synthesis and study. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 48-56	1.6	3
63	Synthesis and crystal structure of $[Cr(NH_3)_5Cl][PdCl_4] \cdot H_2O$. <i>Journal of Structural Chemistry</i> , 2004 , 45, 523-526	0.9	3
62	Novel crystal modification of fac-triamminetrinitrorhodium(III) $[Fac-[Rh(NO_2)_3(NH_3)_3]$. <i>Journal of Structural Chemistry</i> , 2005 , 46, 719-724	0.9	3
61	Synthesis and crystal structure of $EnH_2[IrCl_6]$. <i>Journal of Structural Chemistry</i> , 2005 , 46, 725-731	0.9	3
60	Preparation of the noble metals nanoalloys using single-source precursors. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2009 , 65, s339-s339		3
59	Synthesis of nitrogen doped segmented carbon nanofibers via metal dusting of Ni-Pd alloy. <i>Catalysis Today</i> , 2020 , 388-389, 312-312	5.3	3
58	Studying the Process of $(NH_4)_2[IrCl_6]$ Thermal Decomposition by X-Ray Photoelectron Spectroscopy and Electron Microscopy. <i>Journal of Structural Chemistry</i> , 2020 , 61, 388-399	0.9	3
57	Crystal structure and thermal properties of $K_3[Ir(C_2O_4)_3] \cdot 4.25H_2O$ and $K_3[Ir(C_2O_4)_3] \cdot 0.5KCl \cdot 4H_2O$. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 126, 1541-1548	4.1	3
56	Benzaldoxime to benzamide rearrangement catalysed by rhodium(III) hydroxocomplexes: The influence of polynuclear species. <i>Applied Catalysis A: General</i> , 2019 , 587, 117242	5.1	2
55	Effect of the anion nature on the structure of $[RhL_4Cl_2]X$ (L=Py, Δ and Γ picolines) complex salts. <i>Journal of Structural Chemistry</i> , 2015 , 56, 310-316	0.9	2
54	In Situ and Ex Situ Studies of Tetrammineplatinum(II) Chromate Thermolysis. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 1566-1570	1.5	2
53	Structure and properties of a rhodium(III) pentanitrate complex embracing uni- and bidentate nitrate ligands. <i>Polyhedron</i> , 2018 , 147, 69-74	2.7	2
52	The study of Rh(III) hydroxocomplexes using capillary zone electrophoresis with a UV-Vis detector: the development of the method. <i>Dalton Transactions</i> , 2019 , 48, 12707-12712	4.3	2

51	Co-Pt and Fe-Pt bimetallic nanoparticles in a carbon matrix are prepared by a plasma arc process. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 78-83	1.5	2
50	Double complex salts $[Au(En)_2][Ir(NO_2)_6] \cdot nH_2O$ ($n = 0, 2$), $[Au(En)_2][Ir(NO_2)_6] \times [Rh(NO_2)_6] \cdot x nH_2O$ ($x = 0.25, 0.5, 0.75$): Synthesis, structure, thermal properties. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 12-21	1.5	2
49	Crystal structure and properties of $[M(NH_3)_5Cl](NO_3)_2$, ($M = Ir, Rh, Ru$). <i>Journal of Structural Chemistry</i> , 2009 , 50, 479-484	0.9	2
48	Double complex salts with $[Ru(NH_3)_5Cl]^{2+}$ cation and $[OsCl_6]^{2-}$ anion: Synthesis and properties. Crystal structure of $[Ru(NH_3)_5Cl]_2[OsCl_6]Cl_2$. <i>Russian Journal of Inorganic Chemistry</i> , 2010 , 55, 1347-1351	1.5	2
47	Synthesis and X-Ray Diffraction Study of $[M(NH_3)_4][OsBr_6]$ ($M = Pd, Pt$). <i>Journal of Structural Chemistry</i> , 2002 , 43, 527-529	0.9	2
46	Synthesis and Study of Potassium Hexabromoiridate(IV). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 864-866	1.6	2
45	Synthesis and Crystal Structure of $[Rh(NH_3)_5Cl]_2[PtCl_6]Cl_2$. <i>Journal of Structural Chemistry</i> , 2002 , 43, 697-699	0.9	2
44	Preparation of porous Co-Pt alloys for catalytic synthesis of carbon nanofibers. <i>Nanotechnology</i> , 2020 , 31, 495604	3.4	2
43	2000 , 66, 511-512		2
42	Secondary Coordination in the Structures of Zinc(II) and Manganese(II) Oxalatopalladates(II). <i>Journal of Structural Chemistry</i> , 2020 , 61, 719-726	0.9	2
41	Domain structure of CoIr nanoalloys. <i>Powder Diffraction</i> , 2017 , 32, S155-S159	1.8	1
40	Zinc(II) and Manganese(II) Oxalatopalladates as Precursors of Bimetallic Nanomaterials. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 1571-1576	1.5	1
39	Phase transformations in a double complex salt of the ruthenium nitrosyl anion and tetraamine-palladium cation. <i>CrystEngComm</i> , 2020 , 22, 3692-3700	3.3	1
38	Crystal structure of silver and barium nitropalladates. <i>Journal of Structural Chemistry</i> , 2015 , 56, 370-375	0.9	1
37	Structure of complex salts $[Co(NH_3)_6][Rh(NO_2)_6]$ and $[Co(NH_3)_6][Rh(NO_2)_3] \cdot xH_2O$, $x = 0.17$. <i>Journal of Structural Chemistry</i> , 2012 , 53, 503-508	0.9	1
36	Two crystalline modifications of $Pd_2(En)_2(acac)_2$. <i>Journal of Structural Chemistry</i> , 2011 , 52, 544-549	0.9	1
35	Proton mobility in complex $[RhL_4Cl_2]HSO_4 \cdot nH_2SO_4 \cdot mH_2O$ salts ($L = Py, Picoline$). <i>Russian Journal of Electrochemistry</i> , 2011 , 47, 631-636	1.2	1
34	EPR study of solid solutions of $[Cr(NH_3)_5Cl] \times [Rh(NH_3)_5Cl] \cdot [PdCl_4] \cdot nH_2O$ and $[Cr(NH_3)_5Cl] \times [Rh(NH_3)_5Cl] \cdot [PtCl_4]$ compounds. <i>Journal of Structural Chemistry</i> , 2009 , 50, 915-918	0.9	1

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32	Structural motifs of mixed salts Ag ₂ [Pd(NO ₂) ₄] · Ag _{1-x} Na _x NO ₂ (x > 0.3) and [Pd(NH ₃) ₄][MA ₆] (M = Re, Os, Ir, Pt; A = Cl, Br). <i>Journal of Structural Chemistry</i> , 1997 , 38, 96-102	0.9	1
31	Photochemical stability of nitroxyl derivatives. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 60-67	1.5	1
30	Synthesis and characterization of [Co(NH ₃) ₅ NO ₂][M(NO ₂) ₄] (M = Pt, Pd) compounds and their thermolysis products. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 521-530	1.5	1
29	[Pd(NH ₃) ₄][IrBr ₆] Complex: Synthesis, X-ray Powder Diffraction Analysis, and Thermal Decomposition. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 502-504	1.6	1
28	X-ray diffraction investigations of Ag ₂ ReCl ₆ and Ag ₂ OsCl ₆ . <i>Russian Chemical Bulletin</i> , 2000 , 49, 1310-1312	1.7	1
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25	MATERIALS AM28 (Hf, Zr, Hf, W, Mo) WITH NEGATIVE THERMAL EXPANSION. <i>Journal of Structural Chemistry</i> , 2020 , 61, 1655-1680	0.9	1
24	COMPLEX SALT [Pd(NH ₃) ₄][Pd(NH ₃) ₃ NO ₂][RhOx ₃] · H ₂ O AS A PROSPECTIVE PRECURSOR OF PdRh NANOALLOYS. CRYSTAL STRUCTURE OF Na ₃ [RhOx ₃] · 4H ₂ O. <i>Journal of Structural Chemistry</i> , 2021 , 62, 782-793	0.9	1
23	X-ray study of [Cu(NH ₃) ₄](ReO ₄) ₂ - [Cu(NH ₃) ₂](ReO ₄) ₂] n transformation. <i>Journal of Structural Chemistry</i> , 2016 , 57, 140-145	0.9	1
22	Keggin-type polyoxometalate 1 : 1 complexes of Pb(II) and Bi(III): experimental, theoretical and luminescence studies. <i>Dalton Transactions</i> , 2021 , 50, 6913-6922	4.3	1
21	Time-resolved study of Pd-Os and Pt-Os nanoalloys formation through thermal decomposition of [Pd(NH ₃) ₄][OsCl ₆] and [Pt(NH ₃) ₄][OsCl ₆] complex salts. <i>Materials Research Bulletin</i> , 2021 , 144, 111511	5.1	1
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16	Crystal structures of [RhL ₄ Cl ₂][AuCl ₄] (L = Py, ̢and ̢icolines) complex salts. <i>Journal of Structural Chemistry</i> , 2017 , 58, 84-89	0.9	

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14	Ordering and magnetic properties of nanostructured CoPt particles. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2017 , 81, 298-300	0.4
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