

Sergey Korenev

List of Publications by Year in descending order

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166
papers

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430442

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all docs

168
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times ranked

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#	ARTICLE	IF	CITATIONS
1	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.	10.8	167
2	Highly active PdCeO composite catalysts for low-temperature CO oxidation, prepared by plasma-arc synthesis. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 132-143.	10.8	119
3	Title is missing!. <i>Journal of Structural Chemistry</i> , 2003, 44, 46-59.	0.3	54
4	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.	3.1	45
5	Speciation of Platinum(IV) in Nitric Acid Solutions. <i>Inorganic Chemistry</i> , 2013, 52, 10532-10541.	1.9	38
6	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.	1.2	34
7	Bimetallic single-source precursors [M(NH ₃) ₄][Co(C ₂ O ₄) ₂ (H ₂ O) ₂ ·2H ₂ O (M=Pd, Pt) for the one run synthesis of CoPd and CoPt magnetic nanoalloys. <i>Polyhedron</i> , 2011, 30, 1305-1312.	1.0	33
8	Silica, alumina and ceria supported Au–Cu nanoparticles prepared via the decomposition of [Au(en) ₂] ₂ [Cu(C ₂ O ₄) ₂] ₃ ·8H ₂ O single-source precursor: Synthesis, characterization and catalytic performance in CO PROX. <i>Catalysis Today</i> , 2014, 235, 103-111.	2.2	33
9	Co-Pt bimetallic catalysts for the selective oxidation of carbon monoxide in hydrogen-containing mixtures. <i>Kinetics and Catalysis</i> , 2007, 48, 276-281.	0.3	30
10	Polynuclear Hydroxido-Bridged Complexes of Platinum(IV) with Terminal Nitrate Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 4644-4651.	1.9	28
11	Optically active ZnII and PtII complexes of the 3-carene type $\hat{\Lambda}$ -amino oxime. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 115-122.	1.8	26
12	Successful synthesis and thermal stability of immiscible metal Au–Rh, Au–Ir and Au–Ir–Rh nanoalloys. <i>Nanotechnology</i> , 2017, 28, 205302.	1.3	26
13	Bimetallic Rh-Co/ZrO ₂ catalysts for ethanol steam reforming into hydrogen-containing gas. <i>Kinetics and Catalysis</i> , 2010, 51, 893-897.	0.3	24
14	On formation mechanism of Pd–Ir bimetallic nanoparticles through thermal decomposition of [Pd(NH ₃) ₄][IrCl ₆]. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	24
15	Experimental redetermination of the Cu–Pd phase diagram. <i>Journal of Alloys and Compounds</i> , 2019, 777, 204-212.	2.8	23
16	Title is missing!. <i>Journal of Structural Chemistry</i> , 2002, 43, 488-494.	0.3	22
17	Determination of the equilibrium miscibility gap in the Pd–Rh alloy system using metal nanopowders obtained by decomposition of coordination compounds. <i>Journal of Alloys and Compounds</i> , 2015, 622, 1055-1060.	2.8	21
18	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.	2.8	20

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19	Synthesis, crystal structure, and thermal properties of [Pd(NH ₃) ₄][AuCl ₄] ₂ . Russian Journal of Inorganic Chemistry, 2007, 52, 371-377.	0.3	19
20	Hydrogen electrooxidation over palladium-gold alloy: Effect of pretreatment in ethylene on catalytic activity and CO tolerance. Electrochimica Acta, 2012, 76, 344-353.	2.6	18
21	Effect of Pd deposition procedure on activity of Pd/Ce _{0.5} Sn _{0.5} O ₂ catalysts for low-temperature CO oxidation. Catalysis Communications, 2016, 73, 34-38.	1.6	18
22	Metal solid solutions obtained by thermolysis of Pt and Re salts. Crystal structure of [Pt(NH ₃) ₄](ReO ₄) ₂ . Journal of Structural Chemistry, 2006, 47, 489-498.	0.3	17
23	Photochemistry of PtBr ₆ ²⁻ in aqueous solution. Russian Chemical Bulletin, 2007, 56, 2357-2363.	0.4	17
24	Low-temperature oxidation of carbon monoxide on Pd(Pt)/CeO ₂ catalysts prepared from complex salts. Kinetics and Catalysis, 2011, 52, 282-295.	0.3	17
25	On preparation of platinum(IV) nitrate solutions from hexahydroxoplatinates(IV). Russian Journal of Applied Chemistry, 2012, 85, 995-1002.	0.1	17
26	The peculiarities of Au-Pt alloy nanoparticles formation during the decomposition of double complex salts. Journal of Alloys and Compounds, 2018, 740, 935-940.	2.8	16
27	Title is missing!. Russian Chemical Bulletin, 2002, 51, 41-45.	0.4	15
28	Double complex salts [Pd(NH ₃) ₄] ₃ [Rh(NO ₂) ₆] ₂ , [Pd(NH ₃) ₄] ₃ [Rh(NO ₂) ₆] ₂ ·H ₂ O as promising precursors to prepare Pd-Rh nanoalloys. Journal of Structural Chemistry, 2012, 53, 527-533.	0.3	15
29	Study on thermal decomposition of double complex salt [Pd(NH ₃) ₄][PtCl ₆]. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1183-1195.	2.0	15
30	Cerium(III) Nitrate Derived CeO ₂ Support Stabilising PtO _x Active Species for Room Temperature CO Oxidation. ChemCatChem, 2020, 12, 1413-1428.	1.8	15
31	Tetraammineplatinum(II) and Tetraamminepalladium(II) Chromates as Precursors of Metal Oxide Catalysts. Chemistry - A European Journal, 2020, 26, 4341-4349.	1.7	15
32	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 . Journal of Structural Chemistry, 2006, 47, 1103-1110.	0.3	14
33	Solid solutions of platinum(II) and palladium(II) oxalato-complex salt as precursors of nanoalloys. Journal of Solid State Chemistry, 2013, 199, 71-77.	1.4	14
34	Some peculiarities of zirconium tungstate synthesis by thermal decomposition of hydrothermal precursors. Thermochimica Acta, 2014, 597, 19-26.	1.2	14
35	A new approach towards the study of thermal decomposition and formation processes of nanoalloys: the double complex salt [Pd(NH ₃) ₃] ₄ [PtCl ₆]. New Journal of Chemistry, 2018, 42, 5071-5082.	1.4	14
36	Complex salts of Pd and Pt with Co and Ni aqua-cations as single-source precursors for bimetallic nanoalloys and mixed oxides. New Journal of Chemistry, 2018, 42, 8843-8850.	1.4	14

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37	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.	2.7	14
38	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.	2.0	14
39	Crystal Structure of $[M(NH_3)_5Cl]_2[IrCl_6]Cl_2$ (M = Co, Rh, Ir) Binary Complex Salts. <i>Journal of Structural Chemistry</i> , 2003, 44, 60-67.	0.3	13
40	Low temperature synthesis of Ru-Cu alloy nanoparticles with the compositions in the miscibility gap. <i>Journal of Solid State Chemistry</i> , 2014, 212, 42-47.	1.4	13
41	Exothermal effects in the thermal decomposition of $[IrCl_6]^{2-}$ -containing salts with $[M(NH_3)_3]^{2+}$ cations: $[M(NH_3)_3]^{2+}[IrCl_6]^{2-}$ (M = Co, Cr, Ru, Rh, Ir). <i>New Journal of Chemistry</i> , 2018, 42, 1762-1770.	1.4	13
42	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.	0.3	13
43	Double complex salts $[M(NH_3)_5Cl][M^2Br_4]$ (M = Rh, Ir, Co, Cr, Ru; $M^2 = Pt, Pd$): Synthesis, x-ray diffraction characterization, and thermal properties. <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 202-209.	0.3	12
44	Rhodium(III) Speciation in Concentrated Nitric Acid Solutions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3822-3828.	1.0	12
45	Bimetallic Pt-Co/Al ₂ O ₃ /FeCrAl wire mesh composite catalyst prepared via double complex salt $[Pt(NH_3)_4][Co(C_2O_4)_2(H_2O)_2] \cdot 2H_2O$ decomposition. <i>Materials Letters</i> , 2019, 236, 109-111.	1.3	12
46	Synthesis, crystal structure, and properties of $[Rh(NH_3)_5Cl][ReBr_6]$. <i>Journal of Structural Chemistry</i> , 2005, 46, 109-115.	0.3	11
47	Complex salts $[Pd(NH_3)_4](ReO_4)_2$ and $[Pd(NH_3)_4](MnO_4)_2$: Synthesis, structure, and thermal properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006, 32, 374-379.	0.3	11
48	Magnetic Properties and L ₁ Phase Formation in CoPt Nanoparticles. <i>Solid State Phenomena</i> , 2012, 190, 159-162.	0.3	11
49	Magnetic anisotropy and order parameter in nanostructured CoPt particles. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	11
50	Synthesis, crystal structures, and characterization of double complex salts $[Au(en)_2][Rh(NO_2)_6] \cdot 2H_2O$ and $[Au(en)_2][Rh(NO_2)_6]$. <i>Journal of Molecular Structure</i> , 2015, 1100, 174-179.	1.8	11
51	Title is missing!. <i>Journal of Structural Chemistry</i> , 2002, 43, 649-655.	0.3	10
52	XAFS investigation of $[Pd(NH_3)_4][AuCl_4]_2$ and its thermolysis products. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 703-708.	2.0	10
53	Photochemistry of $PtBr_6^{2-}$ complex in aqueous solutions. Formation and decay of $Br_2^{\cdot-}$ radical anions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 214, 181-187.	2.0	10
54	Novel mixed-ligand palladium complexes $[Pd_2(acac)_3NO_3]$ and $[Pd(acac)NO_3]_n$ involving O,O- and β -C-bonded acetylacetonate linkers. <i>Polyhedron</i> , 2012, 31, 272-277.	1.0	10

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55	[Pd(NH ₃) ₄]MoO ₄ as a precursor for Pd-Mo-containing catalysts: Thermal behavior, X-ray analysis of the thermolysis products and related catalytic studies. <i>Thermochimica Acta</i> , 2013, 566, 100-104.	1.2	10
56	Spectroscopic and DFT Study of Rh ^{III} Chloro Complex Transformation in Alkaline Solutions. <i>Inorganic Chemistry</i> , 2017, 56, 10724-10734.	1.9	10
57	Preparation of porous Co-Pt alloys for catalytic synthesis of carbon nanofibers. <i>Nanotechnology</i> , 2020, 31, 495604.	1.3	10
58	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.	0.3	9
59	X-ray study of the thermolysis products of (NH ₄) ₂ [OsCl ₆] x [PtCl ₆] ^{1-x} . <i>Journal of Structural Chemistry</i> , 2009, 50, 1121-1125.	0.3	9
60	Thermal decomposition of ammonium hexachloroosmate. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 33134-33141.	1.3	9
61	Preparation of Zr(Mo,W) ₂ O ₈ with a larger negative thermal expansion by controlling the thermal decomposition of Zr(Mo,W) ₂ (OH,Cl) ₂ ·2H ₂ O. <i>Scientific Reports</i> , 2018, 8, 5337.	1.6	9
62	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.	0.3	8
63	Photolysis of [PtBr ₆] ²⁻ complex in frozen methanol matrix. <i>Russian Chemical Bulletin</i> , 2003, 52, 1305-1311.	0.4	8
64	Properties of nitric acid palladium solutions with a high metal concentration. <i>Russian Journal of Applied Chemistry</i> , 2007, 80, 695-704.	0.1	8
65	Synthesis, crystal structures, and thermal properties of rhodium(III) complexes with 1 ³ -picoline and isonicotinic acid. <i>Russian Chemical Bulletin</i> , 2008, 57, 1637-1643.	0.4	8
66	[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.	0.3	8
67	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.	0.3	8
68	Synergetic effect in PdAu/CeO ₂ catalysts for the low-temperature oxidation of CO. <i>Journal of Structural Chemistry</i> , 2011, 52, 123-136.	0.3	8
69	The exchange interaction effects on magnetic properties of the nanostructured CoPt particles. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 236-241.	1.0	8
70	Isolation of homoleptic platinum oxyanionic complexes with doubly protonated diazacrown cation. <i>Journal of Molecular Structure</i> , 2017, 1130, 855-859.	1.8	8
71	In Situ and Ex Situ Studies of Tetrammineplatinum(II) Chromate Thermolysis. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 1566-1570.	0.3	8
72	[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.	0.3	7

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73	Synthesis, structure, and thermal transformations of double complex salts $[\text{Au}(\text{C}_4\text{H}_{13}\text{N}_3)\text{Cl}][\text{MCl}_6] \cdot n\text{H}_2\text{O}$ ($\text{M} = \text{Ir}, \text{Pt}; n = 0-2$). Russian Chemical Bulletin, 2006, 55, 429-434.	0.4	7
74	Double complex salts $[\text{Pt}(\text{NH}_3)_5\text{Cl}][\text{M}(\text{C}_2\text{O}_4)_3] \cdot n\text{H}_2\text{O}$ ($\text{M} = \text{Fe}, \text{Co}, \text{Cr}$): Synthesis and study. Russian Journal of Inorganic Chemistry, 2007, 52, 1487-1491.	0.3	7
75	X-ray diffraction study of $[\text{Ru}(\text{NH}_3)_5\text{Cl}][\text{ReCl}_6]$ and $[\text{Ru}(\text{NH}_3)_5\text{Cl}]_2[\text{ReCl}_6]\text{Cl}_2$ and their thermolysis products. Crystal-chemical analysis of the Ru-Re system. Journal of Structural Chemistry, 2009, 50, 120-126.	0.3	7
76	In situ X-ray spectroscopic investigation of thermal decomposition of double complex salt $[\text{Pt}(\text{NH}_3)_4][\text{OsCl}_6]$. Journal of Structural Chemistry, 2017, 58, 901-910.	0.3	7
77	Crystal Structure and Properties of $[\text{Rh}_2(\text{H}_2\text{O})_8(\frac{1}{4}\text{-OH})_2](\text{NO}_3)_4 \cdot 4\text{H}_2\text{O}$. Journal of Structural Chemistry, 2018, 59, 664-668.	0.3	7
78	Synthesis of nonequilibrium $\text{Ir}_x\text{Re}_{1-x}$ solid solutions. Crystal structure of $[\text{Ir}(\text{NH}_3)_5\text{Cl}]_2[\text{ReCl}_6]\text{Cl}_2$. Journal of Structural Chemistry, 2004, 45, 482-489.	0.3	6
79	High-temperature X-ray diffraction study of thermolysis of the double complex salt $[\text{Rh}(\text{NH}_3)_5\text{Cl}][\text{PtCl}_4]$. Russian Chemical Bulletin, 2006, 55, 1109-1113.	0.4	6
80	Structures Of Tetraammine Salts $[\text{Pt}(\text{NH}_3)_4](\text{NO}_3)_2$, $[\text{Pd}(\text{NH}_3)_4](\text{NO}_3)_2$, and $[\text{Pd}(\text{NH}_3)_4]\text{F}_2 \cdot \text{H}_2\text{O}$. Journal of Structural Chemistry, 2010, 51, 709-713.	0.3	6
81	Crystal structure of $[\text{Pd}(\text{NH}_3)_4][\text{Rh}(\text{NH}_3)(\text{NO}_2)_5]$. Journal of Structural Chemistry, 2011, 52, 621-624.	0.3	6
82	Crystal structure of $[\text{Pd}(\text{NH}_3)_4]_3[\text{Ir}(\text{NO}_2)_6]_2 \cdot 2\text{H}_2\text{O}$. Journal of Structural Chemistry, 2011, 52, 816-819.	0.3	6
83	Benzaldoxime to benzamide rearrangement catalysed by rhodium(III) hydroxocomplexes: The influence of polynuclear species. Applied Catalysis A: General, 2019, 587, 117242.	2.2	6
84	Zinc(II) and Manganese(II) Oxalatopalladates as Precursors of Bimetallic Nanomaterials. Russian Journal of Inorganic Chemistry, 2020, 65, 1571-1576.	0.3	6
85	Title is missing!. Journal of Structural Chemistry, 2002, 43, 643-648.	0.3	5
86	Re-determination of the crystal structure and investigation of thermal decomposition of the Chugaev's salt, $[\text{Pt}(\text{NH}_3)_5\text{Cl}]\text{Cl}_3 \cdot \text{H}_2\text{O}$. Journal of Structural Chemistry, 2006, 47, 735-739.	0.3	5
87	Complex salts $(\text{DienH}_3)[\text{IrCl}_6](\text{NO}_3)$, $(\text{DienH}_3)[\text{PtCl}_6](\text{NO}_3)$, and $(\text{DienH}_3)[\text{IrCl}_6]_0.5[\text{PtCl}_6]_0.5(\text{NO}_3)$: Synthesis, structure, and thermal properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 45-52.	0.3	5
88	Synthesis, structure, and properties of the thermolysis products of $[\text{Os}(\text{NH}_3)_5\text{Cl}][\text{ReCl}_6]$. Journal of Structural Chemistry, 2007, 48, 379-382.	0.3	5
89	Investigation of pentaamminechloroplatinum(IV) perhenate dihydrate. Journal of Structural Chemistry, 2007, 48, 578-582.	0.3	5
90	Complex salts $\text{trans-}[\text{Rh}(\text{Pic})_4\text{Cl}_2]\text{X}$ ($\text{X} = \text{Cl}^-$, ReO_4^- , and ClO_4^-): Synthesis, crystal structures, and thermal properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 347-352.	0.3	5

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91	Solid-phase room-temperature decomposition of a complex salt trans-[Rh($\text{I}^3\text{-Pic}$) $_4\text{Cl}_2$]MnO $_4$. Polyhedron, 2011, 30, 1201-1206.	1.0	5
92	Bimetallic poly- and oligo-nuclear complexes based on a rhodium(III) metalloligand. Journal of Molecular Structure, 2012, 1026, 8-16.	1.8	5
93	Keggin-type polyoxometalate 1 \times 10 6 complexes of Pb(II) and Bi(III): experimental, theoretical and luminescence studies. Dalton Transactions, 2021, 50, 6913-6922.	1.6	5
94	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. Materials Research Bulletin, 2021, 144, 111511.	2.7	5
95	Synthesis and X-Ray Diffraction Study of [M(NH $_3$) $_4$][OsBr $_6$] (M = Pd, Pt). Journal of Structural Chemistry, 2002, 43, 527-529.	0.3	4
96	Phase transformations of the Re $_0.3$ Ir $_0.7$ solid solution. Journal of Structural Chemistry, 2005, 46, 474-478.	0.3	4
97	Synthesis and crystal structure of [Cr(NH $_3$) $_5$ Cl][PdBr $_4$]. Journal of Structural Chemistry, 2005, 46, 1091-1094.	0.3	4
98	[Zn(NH $_3$) $_4$][PtCl $_6$] and [Cd(NH $_3$) $_4$][PtCl $_6$] as precursors for intermetallic compounds PtZn and PtCd. Russian Journal of Inorganic Chemistry, 2007, 52, 500-504.	0.3	4
99	Formation of nanosized bimetallic particles based on noble metals. Catalysis in Industry, 2010, 2, 20-25.	0.3	4
100	Crystal structure and thermal properties of K $_3$ [Ir(C $_2$ O $_4$) $_3$] \cdot 4.25H $_2$ O and K $_3$ [Ir(C $_2$ O $_4$) $_3$] \cdot 0.5KCl \cdot 4H $_2$ O. Journal of Thermal Analysis and Calorimetry, 2016, 126, 1541-1548.	2.0	4
101	MOCVD growth and study of magnetic Co films. Surface Engineering, 2016, 32, 8-14.	1.1	4
102	Structure and properties of a rhodium(III) pentanitrate complex embracing uni- and bidentate nitrate ligands. Polyhedron, 2018, 147, 69-74.	1.0	4
103	Studying the Process of (NH $_4$) $_2$ [IrCl $_6$] Thermal Decomposition by X-Ray Photoelectron Spectroscopy and Electron Microscopy. Journal of Structural Chemistry, 2020, 61, 388-399.	0.3	4
104	Phase transformations in a double complex salt of the ruthenium nitrosyl anion and tetraamine-palladium cation. CrystEngComm, 2020, 22, 3692-3700.	1.3	4
105	COMPLEX SALT [Pd(NH $_3$) $_4$][Pd(NH $_3$) $_3$ NO $_2$][RhO $_x$] $_3$ \cdot H $_2$ O AS A PROSPECTIVE PRECURSOR OF Pd-Rh NANOALLOYS. CRYSTAL STRUCTURE OF Na $_3$ [RhO $_x$] $_3$ \cdot 4H $_2$ O. Journal of Structural Chemistry, 2021, 62, 782-793.	0.3	4
106	Study of nanoalloys formation mechanism from single-source precursors [M(NH $_3$) $_3$] $_5$ Cl](ReO $_4$) $_2$, M = Rh, Ir. Zeitschrift für Kristallographie, Supplement, 2007, 2007, 283-288.	0.5	4
107	M =	0.3	3
108	Synthesis and Study of Potassium Hexabromoiridate(IV). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 864-866.	0.3	3

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109	Synthesis and crystal structure of $[\text{Cr}(\text{NH}_3)_5\text{Cl}][\text{PdCl}_4] \cdot \frac{1}{2}\text{H}_2\text{O}$. Journal of Structural Chemistry, 2004, 45, 523-526.	0.3	3
110	Novel crystal modification of fac-triamminetrinitrorrhodium(III) $\hat{\alpha}^2$ -fac- $[\text{Rh}(\text{NO}_2)_3(\text{NH}_3)_3]$. Journal of Structural Chemistry, 2005, 46, 719-724.	0.3	3
111	Synthesis and crystal structure of $\text{EnH}_2[\text{IrCl}_6]$. Journal of Structural Chemistry, 2005, 46, 725-731.	0.3	3
112	Crystal structures of new double complex salts $[\text{M}(\text{NH}_3)_5\text{Br}][\text{AuBr}_4]_2 \cdot \text{H}_2\text{O}$, where M = Ir, Rh and complex salt $[\text{Ir}(\text{NH}_3)_5\text{Br}]\text{Br}_2$. Journal of Structural Chemistry, 2011, 52, 383-388.	0.3	3
113	Complex rhodium(III) salts with isonicotinic acid: Synthesis and study. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2011, 37, 48-56.	0.3	3
114	Effect of the anion nature on the structure of $[\text{RhL}_4\text{Cl}_2]\text{X}$ (L=Py, $\hat{1}^3$ - and $\hat{1}^2$ -picolines) complex salts. Journal of Structural Chemistry, 2015, 56, 310-316.	0.3	3
115	Double complex salts $[\text{Au}(\text{En})_2][\text{Ir}(\text{NO}_2)_6] \cdot n\text{H}_2\text{O}$ (n = 0, 2), $[\text{Au}(\text{En})_2][\text{Ir}(\text{NO}_2)_6] \times [\text{Rh}(\text{NO}_2)_6]_x \cdot n\text{H}_2\text{O}$ (x = 0.25, 0.5, 0.75): Synthesis, structure, thermal properties. Russian Journal of Inorganic Chemistry, 2017, 62, 12-21.	0.3	3
116	Mixed-Ligand Iridium(III) Nitro Complexes with Phenantroline. Journal of Structural Chemistry, 2019, 60, 640-646.	0.3	3
117	Synthesis of nitrogen doped segmented carbon nanofibers via metal dusting of Ni-Pd alloy. Catalysis Today, 2020, 388-389, 312-312.	2.2	3
118	Secondary Coordination in the Structures of Zinc(II) and Manganese(II) Oxalatopalladates(II). Journal of Structural Chemistry, 2020, 61, 719-726.	0.3	3
119	Preparation of the noble metals nanoalloys using single-source precursors. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s339-s339.	0.3	3
120	New double complex salt $[\text{PdEn}_2]_3[\text{Rh}(\text{NO}_2)_6]_2 \cdot 2.67\text{H}_2\text{O}$: Synthesis, crystal structure, and thermal properties. Russian Journal of Inorganic Chemistry, 2017, 62, 886-892.	0.3	3
121	MATERIALS AM2D8 (D=Zr, Hf; Ce=W, Mo) WITH NEGATIVE THERMAL EXPANSION. Journal of Structural Chemistry, 2020, 61, 1655-1680.	0.3	3
122	Formation of Catalytically Active Nanoparticles under Thermolysis of Silver Chloroplatinate(II) and Chloroplatinate(IV). Molecules, 2022, 27, 1173.	1.7	3
123	X-ray diffraction investigations of Ag_2ReCl_6 and Ag_2OsCl_6 . Russian Chemical Bulletin, 2000, 49, 1310-1312.	0.4	2
124	$[\text{Pd}(\text{NH}_3)_4][\text{IrBr}_6]$ Complex: Synthesis, X-ray Powder Diffraction Analysis, and Thermal Decomposition. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 502-504.	0.3	2
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