

# Ilya A Yakushev

## List of Publications by Citations

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44  
papers

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47  
ext. papers

401  
ext. citations

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avg, IF

3.24  
L-index

#	Paper	IF	Citations
44	PdCu catalysts from acetate complexes in liquid-phase diphenylacetylene hydrogenation. <i>Kinetics and Catalysis</i> , <b>2015</b> , 56, 591-597	1.5	27
43	Performance of a bimetallic PdIn catalyst in the selective liquid-phase hydrogenation of internal and terminal alkynes. <i>Mendeleev Communications</i> , <b>2016</b> , 26, 494-496	1.9	23
42	Single-atom Pd sites on the surface of PdIn nanoparticles supported on Al <sub>2</sub> O <sub>3</sub> : a CO-DRIFTS study. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 515-517	1.9	22
41	End-to-End Azido-Bridged Lanthanide Chain Complexes (Dy, Er, Gd, and Y) with a Pentadentate Schiff-Base [NO] Ligand: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 563-578	5.1	19
40	Catalytic properties of nanostructured PdAg catalysts in the liquid-phase hydrogenation of terminal and internal alkynes. <i>Kinetics and Catalysis</i> , <b>2016</b> , 57, 853-858	1.5	18
39	Supported catalysts based on PdIn nanoparticles for the liquid-phase hydrogenation of terminal and internal alkynes: 1. formation and structure. <i>Kinetics and Catalysis</i> , <b>2016</b> , 57, 617-624	1.5	16
38	Supported catalysts based on PdIn nanoparticles for the liquid-phase hydrogenation of terminal and internal alkynes: 2. catalytic properties. <i>Kinetics and Catalysis</i> , <b>2016</b> , 57, 625-631	1.5	15
37	Nanosized catalysts of oxygen reduction reaction prepared on the base of bimetallic cluster compounds. <i>Electrochimica Acta</i> , <b>2019</b> , 299, 886-893	6.7	15
36	Highly-Ordered PdIn Intermetallic Nanostructures Obtained from Heterobimetallic Acetate Complex: Formation and Catalytic Properties in Diphenylacetylene Hydrogenation. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	15
35	Synthesis of Coordination Polymers from the Heterometallic Carboxylate Complexes with Chelating N-Donor Ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 1-14	1.6	13
34	Cd(II) and Cd(II)Eu(III) Complexes with Pentafluorobenzoic Acid Anions and N-Donor Ligands: Synthesis and Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 557-572	1.6	13
33	Formation of PdAg nanoparticles in supported catalysts based on the heterobimetallic complex PdAg <sub>2</sub> (OAc) <sub>4</sub> (HOAc) <sub>4</sub> . <i>Kinetics and Catalysis</i> , <b>2016</b> , 57, 859-865	1.5	13
32	Synthesis, crystal structure and thermal redox transformations of palladium(II)alkaline earth tetraacetate-bridged lantern complexes PdII(EOCMe) <sub>4</sub> MII(HOOCMe) <sub>4</sub> (M = Ca, Sr, Ba). <i>Mendeleev Communications</i> , <b>2007</b> , 17, 261-263	1.9	12
31	Heterometallic Palladium(II)-Indium(III) and -Gallium(III) Acetate-Bridged Complexes: Synthesis, Structure, and Catalytic Performance in Homogeneous Alkyne and Alkene Hydrogenation. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11482-11491	5.1	12
30	Eu-Doped layered yttrium hydroxides sensitized by a series of benzenedicarboxylate and sulphobenzoate anions. <i>Dalton Transactions</i> , <b>2019</b> , 48, 6111-6122	4.3	10
29	Two-way synthesis of a double-lantern heterobimetallic complex [Pd(EOCMe) <sub>4</sub> Co] <sub>2</sub> (EOCMe) <sub>2</sub> Pd(py) <sub>2</sub> . <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 948-951	3.1	9
28	Highly selective catalysts for liquid-phase hydrogenation of substituted alkynes based on PdCu bimetallic nanoparticles. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 425-431	1.7	7

27	Competition between 3d metals(II) and palladium(II) in the reaction of heterobimetallic complexes Pd(EOOCMe) <sub>4</sub> M(OH) <sub>2</sub> (M = Ni, Co, Mn) with azobenzene. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 454-456	3.1	7
26	New Heterometallic Carboxylate Complexes of Platinum and Iron, Precursors for Nanosized Intermetallic Compound PtFe Production. <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 507-513	1.5	6
25	First platinum(II)alkaline-earth acetate-bridged complexes Pt(II)(m-OAc) <sub>4</sub> M(II)(AcOH) <sub>4</sub> (M = Ca, Sr, Ba). <i>Mendeleev Communications</i> , <b>2018</b> , 28, 200-201	1.9	6
24	The First Heterometallic Acetate-Bridged Pt(II)Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd <sub>2</sub> Nanoparticles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 253-265	1.6	5
23	Coordination Polymers of 2,2'-Bipyridyl and Mononuclear Benzoates M(OOCPh) <sub>2</sub> [O(H)Me] <sub>4</sub> (M = Ni, Co). <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 1220-1228	1.5	5
22	Structure and Ion-Selective Properties of 2-Phosphorylphenols. <i>Russian Journal of General Chemistry</i> , <b>2018</b> , 88, 1867-1873	0.7	5
21	Two routes to platinum-based carboxylate-bridged heterometallics. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 508, 119631	2.7	4
20	Structure and quantum chemical study of crystalline platinum(II) acetate. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 489-491	1.9	4
19	Ten-Coordinate Lanthanide [Ln(HL)(L)] Complexes (Ln = Dy, Ho, Er, Tb) with Pentadentate N <sub>3</sub> O <sub>2</sub> -Type Schiff-Base Ligands: Synthesis, Structure and Magnetism. <i>Magnetochemistry</i> , <b>2020</b> , 6, 60	3.1	4
18	Facile synthesis and structure elucidation of metal-organic frameworks with {ZnCa} and {Zn <sub>2</sub> Ca} metal cores. <i>Mendeleev Communications</i> , <b>2020</b> , 30, 722-724	1.9	3
17	Palladium acetate complexes in the gas phase. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2016</b> , 42, 604-607	1.6	3
16	A Series of Novel Pentagonal-Bipyramidal Erbium(III) Complexes with Acyclic Chelating Schiff-Base Ligands: Synthesis, Structure, and Magnetism. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
15	Nanostructured PtZn intermetallic compound: Controlled formation from PtZn(CH <sub>3</sub> COO) <sub>4</sub> molecular precursor and tests of catalytic properties. <i>Intermetallics</i> , <b>2021</b> , 132, 107160	3.5	2
14	Synthesis of indium(III) acetylacetonate by electrochemical dissolution. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 815-818	1.7	1
13	Chromeno[3,4:5',6']pyrido[2,3:4,5]thieno[3,2-e]pyridine: A New Heterocyclic System. Synthesis and Molecular and Crystal Structures. <i>Russian Journal of Organic Chemistry</i> , <b>2020</b> , 56, 1669-1672	0.7	1
12	Metal-Organic Frameworks of Magnesium Based on 2,5-Dihydroxy-3,6-di-tert-butyl-para-benzoquinone. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 610-619	1.6	1
11	Unusual platinum complexes in the gas phase. <i>Doklady Physical Chemistry</i> , <b>2016</b> , 468, 72-75	0.8	0
10	Cobalt(III) Bis-o-semiquinone Complexes with 1-Aryl-3,5-Diphenylformazan Ligands: Synthesis, Structures, and Magnetic Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 687-694	1.6	0

9	SYNTHESIS AND CRYSTAL STRUCTURE OF PENTANUCLEAR HETEROMETALLIC Pd(II)Pt(III) ACETATE COMPLEX. <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 1511-1515	0.9	o
8	SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF PALLADIUM(II) DIACETATO-(5-NITRO-1,10-PHENANTHROLINE). <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 1411-1415	0.9	o
7	Activity of a New Chromium(III) Complex with a Pentadentate (N3O2) Schiff-Base Ligand in the Reaction of Carbon Dioxide with Propylene Oxide. <i>Kinetics and Catalysis</i> , <b>2021</b> , 62, 428-435	1.5	o
6	Magnesium and Nickel Complexes with Bis(p-iminoquinone) Redox-Active Ligand. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 307-318	1.6	o
5	Structures of Copper(II) N-tert-Butylbenzoyl and N-Phenylpivaloyl Hydroxamates in the Crystalline State and in a Frozen Solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 376-381	1.6	o
4	Glycols in the Synthesis of Zinc-Anilato Coordination Polymers. <i>Crystals</i> , <b>2022</b> , 12, 370	2.3	o
3	The Insertion of Carbon Dioxide in Combination with RNCS (R Is Et, Ph) or N,N'-Dihexylcarbodiimide into the ReD(R) Bonds. <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 191-196	1.5	
2	PdAg <sub>2</sub> nanoparticles in aqueous solution: Preparation, characterization, and catalytic properties. <i>Colloid Journal</i> , <b>2012</b> , 74, 415-419	1.1	
1	Heterogenized homogeneous catalytic systems for the oxidation of carbon monoxide and propane. <i>Russian Chemical Bulletin</i> , <b>2021</b> , 70, 1489-1498	1.7	