Ilya A Zamilatskov

List of Publications by Year
in descending order

47	293	1163117 8	1125743 13
papers	citations	h-index	g-index

50	50	50	262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced multi-modal, multi-analyte optochemical sensing platform for cell analysis. Sensors and Actuators B: Chemical, 2022, 355, 131116.	7.8	5
2	Diverse â€œroof shapedâ€•chiral diamidophosphites: palladium coordination and catalytic applications. New Journal of Chemistry, 2022, 46, 1751-1762.	2.8	3
3	Direct Câ€“H borylation of vinylporphyrins via copper catalysis. Organic and Biomolecular Chemistry, 2022, 20, 1926-1932.	2.8	5
4	Carbene functionalization of porphyrinoids through tosylhydrazones. Organic and Biomolecular Chemistry, 2021, 19, 9199-9210.	2.8	2
5	Azines of porphyrinoids. Does azine provide conjugation between chromophores?. Dyes and Pigments, 2021, 191, 109354.	3.7	6
6	The effect of lithium salt concentration in an aprotic solvent on the oxygen reaction. Electrochimica Acta, 2021, 393, 139073.	5.2	2
7	Formation of Allylpalladium Complexes and Asymmetric Allylation Involving Modular Bridging Diamidophosphite-Sulfides Based on 1,4-Thioether Alcohols. Organometallics, 2021, 40, 3645-3658.	2.3	7
8	Synthesis of coprochlorins I and II via reduction of the corresponding coprohemins. Tetrahedron Letters, 2020, 61, 152510.	1.4	3
9	Copper(<scp>i</scp>) halide and palladium(<scp>ii</scp>) chloride complexes of 4-thioxo[1,3,5]oxadiazocines: synthesis, structure and antibacterial activity. New Journal of Chemistry, 2020, 44, 7865-7875.	2.8	5
10	The selective hydrosilylation of norbornadiene-2,5 by monohydrosiloxanes. RSC Advances, 2019, 9, 33029-33037.	3.6	14
11	Transformations of mesoâ€iminofunctionalized Pd(II) and Ni(II)â€Complexes of Î²â€Alkylsubstituted Porphyrins. European Journal of Organic Chemistry, 2019, 2019, 1508-1522.	2.4	6
12	Structural explanation of the spectral features of the nonsymmetrical complex {2,3,7,8,12,13,17,18-octaethyl-5-[(methylimino)methyl]porphyrinato-Îº4N21,N22,N23,N24}palladium(II). Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 68-71.	0.5	2
13	Polymeric structure of a coproporphyrin I ruthenium(II) complex: a powder diffraction study. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 47-51.	0.5	7
14	Structure of ruthenium(II) complexes with coproporphyrin I tetraethyl ester. Russian Journal of Physical Chemistry A, 2017, 91, 1462-1467.	0.6	2
15	Synthesis and Study of New N-Substituted Hydrazones of Ni(II) Complexes of Î²-Octaethylporphyrin and Coproporphyrin I Tetraethyl Ester. Macroheterocycles, 2017, 10, 480-486.	0.5	4
16	Chiral amido- and diamidophosphites with a peripheral pyridine ring in Pd-catalyzed asymmetric allylation. Russian Chemical Bulletin, 2016, 65, 2278-2285.	1.5	6
17	Diamidophosphite based on (1R,2R)-1,2-bis(3-hydroxybenzamido)cyclohexane in Pd-catalyzed enantioselective allylation. Russian Chemical Bulletin, 2016, 65, 680-684.	1.5	4
18	Synthesis of 13-alkylbenzo[f]isochromeno[4,3-b]indole-5,7,12(13H)-triones by reaction of 2-alkylamino-1,4-naphthoquinones with ninhydrin. Russian Journal of Organic Chemistry, 2016, 52, 80-86.	0.8	5

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19	Corrigendum to â€œPalladium Complexes of Azomethine Derivatives of Porphyrins as Potential Photosensitizersâ€•[Macroheterocycles 2015, 8(4), 376-383; DOI: 10.6060/mhc151199z]. Macroheterocycles, 2016, 9, 462.	0.5	1
20	Palladium-catalyzed enantioselective allylation in the presence of phosphoramidites derived from (S) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	11
21	Palladium-catalyzed asymmetric synthesis of N,N-dibenzylcyclohex-2-en-1-amine. Russian Chemical Bulletin, 2015, 64, 967-969.	1.5	0
22	NOBIN-based chiral phosphite-type ligands and their application in asymmetric catalysis. Tetrahedron Letters, 2015, 56, 4756-4761.	1.4	13
23	Palladium Complexes of Azomethine Derivatives of Porphyrins as Potential Photosensitizers. Macroheterocycles, 2015, 8, 376-383.	0.5	7
24	Phosphorylated (S)-tert-leucinol isophthalic diamide as a ligand for Pd-catalyzed asymmetric allylic substitution. Russian Chemical Bulletin, 2014, 63, 2635-2640.	1.5	5
25	Nonsimple relationships between the Pâ^—-chiral diamidophosphite and the arylphosphine moieties in Pd-catalyzed asymmetric reactions: combinatorial approach and P,Pâ^—-bidentate phosphine-diamidophosphites. Tetrahedron, 2014, 70, 616-624.	1.9	17
26	Zinc and cadmium iodide complexes with (thio)amides: Transformations of formamide complexes and effects of substitution on structure and bonding. Polyhedron, 2014, 69, 68-76.	2.2	9
27	Cobalt(II), nickel(II), and copper(II) complexes of 14-membered hexaazamacrocycles: synthesis and characterization. Journal of Coordination Chemistry, 2014, 67, 3121-3134.	2.2	7
28	Diamidophosphites with remote Pâ^—-stereocentres and their performance in Pd-catalyzed enantioselective reactions. Tetrahedron: Asymmetry, 2014, 25, 1116-1121.	1.8	21
29	Synthesis of novel 14-membered cyclic bis-semicarbazones. Tetrahedron Letters, 2014, 55, 5481-5485.	1.4	11
30	Synthesis of the First Azomethine Derivatives of Pd(II) Coproporphyrins I and II. Macroheterocycles, 2014, 7, 256-261.	0.5	5
31	First P,P*-bidentate phosphine-phosphite-type ligand with a P*-stereocenter in the phosphite moiety: synthesis and application in the Pd-catalyzed asymmetric allylic alkylation. Russian Chemical Bulletin, 2013, 62, 1097-1102.	1.5	4
32	EthylN-(2-acetyl-3-oxo-1-phenylbutyl)carbamate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1529-o1529.	0.2	0
33	First phosphite ligand based on ((4R,5S)-5-(hydroxymethyl)-2,2-dimethyl-1,3-dioxolan-4-yl)-diphenylmethanol. Russian Chemical Bulletin, 2013, 62, 2628-2630.	1.5	3
34	Synthesis and structure of zinc iodide complex with thiocarbamide, [Zn(CH4N2S)2I2]. Crystallography Reports, 2013, 58, 65-67.	0.6	6
35	Synthesis, characterization and cation-induced dimerization of new aza-crown ether-appended metalloporphyrins. Dalton Transactions, 2012, 41, 7624.	3.3	20
36	Syntheses, Structures and Photosensitizing Properties of New Pt(II) and Pd(II) Porphyrinates. Macroheterocycles, 2012, 5, 308-314.	0.5	9

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37	Synthesis of 5-acetyl-4,6-dimethyl-1,2,3,4-tetrahydropyrimidine-2-thione and structural characterization of its polymorphs and complexes with 12-group metal iodides. Structural Chemistry, 2011, 22, 849-855.	2.0	5
38	Zinc Iodide Complexes of Propaneamide, Benzamide, Dimethylurea, and Thioacetamide: Syntheses and Structures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1458-1462.	1.2	9
39	Reactions of manganese and zinc iodides with formamide in aqueous solution. Mendeleev Communications, 2008, 18, 92-93.	1.6	5
40	Syntheses and structures of zinc and cadmium iodide complexes with iodoacetamide. Mendeleev Communications, 2008, 18, 131-132.	1.6	4
41	Bis(acetamide-Î¹O)diiodidozinc(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1094-m1095.	0.2	7
42	Tris(1,3-dimethylurea)diiodidocadmium(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1335-m1336.	0.2	2
43	Diiodidobis(thioacetamide-Î¹S)cadmium(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2669-m2669.	0.2	2
44	Synthesis and structures of polyiodide acetamide complexes of transition metals. Russian Journal of Inorganic Chemistry, 2007, 52, 1056-1062.	1.3	4
45	Crystal structure of cadmium iodide complexes with acetamide and propaneamide [Cd(CH3CONH2)6][Cd2I6] and [Cd(C2H5CONH2)6][Cd2I6]. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 396-399.	1.0	6
46	Octaureasamarium(III) triiodide. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m664-m666.	0.2	6
47	A woven structure of hexaacetamidecadmium(II) polyiodide. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m2371-m2373.	0.2	6