Kirill V Zaitsev

List of Publications by Year
in descending order

81	1,031	331259 21	500791 28
papers	citations	h-index	g-index

82	82	82	807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stabilized Germylenes Based on Diethylenetriamines and Related Diamines: Synthesis, Structures, and Chemical Properties. European Journal of Inorganic Chemistry, 2012, 2012, 3712-3724.	1.0	43
2	Synthesis of model humic substances: a mechanistic study using controllable H/D exchange and Fourier transform ion cyclotron resonance mass spectrometry. Analyst, The, 2015, 140, 4708-4719.	1.7	43
3	Enumeration of carboxyl groups carried on individual components of humic systems using deuteromethylation and Fourier transform mass spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 2477-2488.	1.9	38
4	Controlled ringâ€•opening homoâ€•and copolymerization of É›â€•caprolactone and d,l â€•lactide by iminophenolate aluminum complexes: An efficient approach toward wellâ€•defined macromonomers. Journal of Polymer Science Part A, 2014, 52, 1237-1250.	2.5	37
5	â€œDonorâ€“Acceptorâ€•Oligogermanes: Synthesis, Structure, and Electronic Properties. Organometallics, 2013, 32, 6500-6510.	1.1	36
6	Palladium complexes with stabilized germylene and stannylene ligands. Dalton Transactions, 2013, 42, 7901.	1.6	34
7	Reaction of germanes and digermanes with triflic acid: The route to novel organooligogermanes. Journal of Organometallic Chemistry, 2012, 700, 207-213.	0.8	33
8	Optical Properties of Soil Dissolved Organic Matter Are Related to Acidic Functions of Its Components as Revealed by Fractionation, Selective Deuteromethylation, and Ultrahigh Resolution Mass Spectrometry. Environmental Science & Technology, 2020, 54, 2667-2677.	4.6	33
9	Titanium complexes of dialkanolamine ligands as initiators for living ringâ€•opening polymerization of Îµâ€•caprolactone. Journal of Polymer Science Part A, 2010, 48, 1230-1240.	2.5	31
10	Novel germylenes and stannylenes based on pyridine-containing dialcohol ligands. Journal of Organometallic Chemistry, 2009, 694, 3828-3832.	0.8	30
11	Titanium complexes based on chiral enantiopure dialkanolamines: synthesis, structures and catalytic activity. New Journal of Chemistry, 2008, 32, 1415.	1.4	29
12	Aluminum complexes based on pyridine substituted alcohols: synthesis, structure, and catalytic application in ROP. Dalton Transactions, 2015, 44, 11963-11976.	1.6	28
13	Compounds of Group 14 Elements with an Elementâ€“Element (E = Si, Ge, Sn) Bond: Effect of the Nature of the Element Atom. Organometallics, 2015, 34, 2765-2774.	1.1	28
14	Titanium Complexes of Dialkanolamine Ligands: Synthesis and Structure. European Journal of Inorganic Chemistry, 2006, 2006, 1987-1999.	1.0	27
15	Stabilized germylenes based on dialkanolamines: Synthesis, structure, chemical properties. Journal of Organometallic Chemistry, 2012, 706-707, 66-83.	0.8	27
16	Oligogermanes Containing Only Electron-Withdrawing Substituents: Synthesis and Properties. Organometallics, 2017, 36, 298-309.	1.1	26
17	Extending the family of stable heavier carbenes: New tetrylenes based on N,N,O-ligands. Inorganica Chimica Acta, 2016, 443, 91-100.	1.2	25
18	Luminescence Enhancement by pâ€•Substituent Variation. European Journal of Inorganic Chemistry, 2017, 2017, 107-114.	1.0	24

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19	Molecular Oligogermanes and Related Compounds: Structure, Optical and Semiconductor Properties. Chemistry - an Asian Journal, 2017, 12, 1240-1249.	1.7	23
20	Biodegradation of Poly-Îµ-caprolactones and Poly-l-lactides by Fungi. Journal of Polymers and the Environment, 2018, 26, 4350-4359.	2.4	23
21	Novel Stannylenes Stabilized with Diethylenetriamido and ÂRelated Amido Ligands: Synthesis, Structure, and Chemical Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 502-511.	0.6	21
22	New oligogermane with a five coordinate germanium atom: the preparation of 1-germylgermatrane. Dalton Transactions, 2014, 43, 6605-6609.	1.6	21
23	Oligothienyl catenated germanes and silanes: synthesis, structure, and properties. Dalton Transactions, 2018, 47, 5431-5444.	1.6	21
24	Synthesis and structure of titanium alkoxides based on tetraphenyl substituted 2,6-dimethanolpyridine moiety. Inorganica Chimica Acta, 2007, 360, 2507-2512.	1.2	18
25	Synthesis and structural characterization of low-valent group 14 metal complexes based on aminobisphenol ligands. Inorganica Chimica Acta, 2017, 461, 213-220.	1.2	18
26	Reaction of digermanes and related Ge-Si compounds with trifluoromethanesulfonic acid: synthesis of helpful building blocks for the preparation of Ge-Ge(Si)-catenated compounds. Main Group Metal Chemistry, 2014, 37, .	0.6	14
27	New tetrylenes based on substituted diethylenetriamines: synthesis and use as initiators for Îµ-caprolactone polymerization. Russian Chemical Bulletin, 2019, 68, 389-393.	0.4	14
28	Carbonyl complexes of transition metals with stabilized germylenes. Journal of Organometallic Chemistry, 2013, 735, 15-25.	0.8	13
29	Aluminum Complexes Based on Tridentate Amidoalkoxide NNO-Ligands: Synthesis, Structure, and Properties. Journal of Organometallic Chemistry, 2018, 875, 11-23.	0.8	13
30	Synthesis of carboxylated styrene polymer for internal calibration of Fourier transform ion cyclotron resonance mass-spectrometry of humic substances. European Journal of Mass Spectrometry, 2017, 23, 156-161.	0.5	12
31	Hypercoordinated Oligosilanes Based on Aminotrisphenols. ACS Omega, 2018, 3, 10317-10330.	1.6	12
32	Donor-acceptor molecular oligogermanes: Novel properties and structural aspects. Journal of Organometallic Chemistry, 2018, 867, 228-237.	0.8	11
33	Chromium carbonyl complexes with aryl mono- and oligogermanes: Ability for haptotropic rearrangement. Journal of Organometallic Chemistry, 2019, 897, 217-227.	0.8	11
34	Controlled homoand copolymerization of Îµ-caprolactone and d,l-lactide in the presence of TiIV complexes. Russian Chemical Bulletin, 2015, 64, 181-188.	0.4	10
35	Synthesis, structure, and catalytic activity of new aluminum and titanium complexes based on aminobisphenolate ligands containing bulky substituents. Russian Chemical Bulletin, 2016, 65, 1743-1749.	0.4	10
36	Titanium complexes based on pyridine containing dialcohols: Effect of a ligand. Inorganic Chemistry Communication, 2016, 67, 1-5.	1.8	10

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37	Germylenes and stannylenes based on aminobisphenolate ligands: insertion into the Câ€”Br bond. Russian Chemical Bulletin, 2017, 66, 622-627.	0.4	10
38	Austalides V and W, new meroterpenoids from the fungus Aspergillus ustus and their antitumor activities. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126708.	1.0	10
39	Sterically hindered tetrylenes based on new 1,10-phenanthroline-containing diols: initiators for Îµ-caprolactone polymerization. Russian Chemical Bulletin, 2019, 68, 380-388.	0.4	10
40	Disproportionation reactions within the series of coordinated monoorganostannanes. Journal of Organometallic Chemistry, 2013, 747, 241-248.	0.8	9
41	Synthesis of Functional Poly(Îµ-caprolactone)s via Living Ring-Opening Polymerization of Îµ-Caprolactone Using Functionalized Aluminum Alkoxides as Initiators. Macromolecular Chemistry and Physics, 2017, 218, 1600580.	1.1	9
42	Tetrylenes based on 1,10-phenanthroline-containing diol: the synthesis and application as initiators of Îµ-caprolactone polymerization. Russian Chemical Bulletin, 2018, 67, 542-547.	0.4	9
43	Substituted 4-(1H-1,2,3-triazol-1-yl)-tetrafluorobenzoates: Selective synthesis and structure. Journal of Fluorine Chemistry, 2016, 187, 15-23.	0.9	8
44	Titanium (IV) complexes based on substituted 2-[(2-hydroxyethyl)]aminophenols. Journal of Organometallic Chemistry, 2008, 693, 173-179.	0.8	7
45	Synthesis, structure, and catalytic activity of new aluminum complexes formed with sterically bulky ligands. Russian Chemical Bulletin, 2014, 63, 2630-2634.	0.4	7
46	Titanium(IV) Complexes Based on TriÂdentate N,N,O Ligands - Synthesis, Structure, and Thermal Decomposition. European Journal of Inorganic Chemistry, 2015, 2015, 5903-5912.	1.0	7
47	Aryl Germanes as Ligands for Transition Polymetallic Complexes: Synthesis, Structure, and Properties. European Journal of Inorganic Chemistry, 2019, 2019, 2750-2760.	1.0	7
48	New dialkylenetriamine zinc complexes as highly efficient ROP catalysts. Mendeleev Communications, 2020, 30, 596-598.	0.6	7
49	Structures of germylenes and stannylenes with chelating ligands: a DFT study. Russian Chemical Bulletin, 2009, 58, 1576-1580.	0.4	6
50	Syndiospecific polymerization of styrene in the presence of new titanium complexes with dialkanolamines: Titanocanes and bistitanocanes. Polymer Science - Series B, 2010, 52, 136-143.	0.3	6
51	Aryl Oligogermanes as Ligands for Transition Metal Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 4911-4924.	1.0	6
52	Synthesis of new titanatranes containing organic substituents in the atrane fragment. Russian Chemical Bulletin, 2005, 54, 2831-2840.	0.4	5
53	The reaction of Al(O-i-Pr)3 with the SalenH2 ligand: An unexpected product. Polyhedron, 2014, 81, 312-315.	1.0	5
54	Insertion of germylenes into Geâ€“X bonds giving molecular oligogermanes: theory and practice. Monatshefte FÃ¼r Chemie, 2019, 150, 1773-1778.	0.9	5

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55	Monasnicotinic acid, a novel pyridine alkaloid of the fungus Aspergillus cavernicola : isolation and structure elucidation. Mendeleev Communications, 2018, 28, 55-57.	0.6	4
56	Synthesis of chromium carbonyl complexes with molecular aryl polysilanes: Si Si bond rupture and formation. Inorganic Chemistry Communication, 2019, 109, 107571.	1.8	4
57	6-Benzyl-2-methyl-1,3-bis(pentafluorophenyl)-1,3,6,2-triazaalumocane. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1385-m1386.	0.2	3
58	{2,2â€²-[Ethane-1,2-diylbis(nitrilomethanylylidene)]diphenolato}(isopropanolato)aluminium dichloromethane hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m631-m632.	0.2	3
59	Catalytic synthesis of alkyl (S,S)-O-Lactyllactates: Efficiency in action. Catalysis Communications, 2018, 106, 36-39.	1.6	3
60	Di-Î¼-oxido-bis({2,2â€²-[ethane-1,2-diylbis(nitrilomethanylylidene)]diphenolato}titanium(IV)) chloroform disolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m626-m627.	0.2	3
61	Diamidoamine Aluminum Complexes: Synthesis, Structure, Lâ€“Lactide and Ïµâ€Caprolactone Polymerization. ChemistrySelect, 2021, 6, 10243-10249.	0.7	3
62	Oligoorganogermanes: Interplay between Aryl and Trimethylsilyl Substituents. Molecules, 2022, 27, 2147.	1.7	3
63	Crystal packing in the structures of diethanolamine derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o587-o592.	0.4	2
64	Germylenes derived from pyridine-containing diols: reactions with diphenylphosphoryl azide and 9,10-phenanthrenequinone*. Chemistry of Heterocyclic Compounds, 2012, 47, 1584-1589.	0.6	2
65	Structure of hypercoordinated monoorganodihalostannanes in solutions and in the solid state: the halogen effect. Inorganica Chimica Acta, 2015, 432, 142-148.	1.2	2
66	DFT study of inter-ring haptotropic rearrangement in CpRu+ complexes of polycyclic aromatic ligands. Journal of Organometallic Chemistry, 2019, 889, 9-14.	0.8	2
67	Antitumor Activity of Monasnicotinic Acid Isolated from the Fungus Aspergillus cavernicola. Russian Journal of Bioorganic Chemistry, 2021, 47, 307-316.	0.3	2
68	Di-Î¼-oxido-bis({2,2â€²-[ethane-1,2-diylbis(nitrilomethanylylidene)]diphenolato}titanium(IV)) chloroform disolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m635-m636.	0.2	2
69	Silicon Complexes Based on SS- and SS-Coordinating Tridentate Ligands. Journal of Organometallic Chemistry, 2022, 957, 122153.	0.8	2
70	Methylaluminum complexes based on tridentate 2,6-bis(mercaptoalkyl)pyridine SNS-ligands. Mendeleev Communications, 2021, 31, 847-849.	0.6	2
71	Formation of Azaphilone Pigments and Monasnicotinic Acid by the Fungus Aspergillus cavernicola. Journal of Agricultural and Food Chemistry, 2022, 70, 7122-7129.	2.4	2
72	Crystal structure of 2,2,3,3-tetramethyl-1,1,1,4,4,4-hexaphenyltetragermane. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1273-o1274.	0.2	1

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73	Extending the series of p-substituted tetrafluorobenzoic acids: synthesis, properties and structure. Journal of Fluorine Chemistry, 2017, 197, 49-58.	0.9	1
74	exo- and endo-Complexes of Fe(0) with Carbon Allotropic Modifications on the Example of Fullerene Ð¡60: a Density Function Theory Study. Russian Journal of General Chemistry, 2021, 91, 828-834.	0.3	1
75	Crystal structure of a mixed-valence Î¼-oxide Sn₁₂cluster. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m378-m379.	0.2	1
76	Crystal structure of (tert-butyldimethylsilyl)triphenylgermane, Ph3Ge-SiMe2(t-Bu). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1015-o1016.	0.2	1
77	Tetrylenes based on polydentate sulfur-containing ligands. Mendeleev Communications, 2021, 31, 850-852.	0.6	1
78	Reaction of Substituted Group 14 Element Potassium Salts with 1-(Chloromethyl)silatrane: Substitution or Rearrangement?. Russian Journal of General Chemistry, 2021, 91, 2385-2390.	0.3	1
79	Crystal structure of 2,6-bis(2-hydroxy-5-methylphenyl)-4-phenylpyridinium bromide dichloromethane hemisolvate hemihydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o953-o954.	0.2	0
80	Crystal structure of 4,8-di-tert-butyl-6,6-dichloro-13-ethyl-2,10-dimethyl-13,14-dihydro-12H-dibenzo[d,i][1,3,7,2]dioxazasilecine toluene 0.25-solvate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1065-o1066.	0.2	0
81	N,O-ditosylethanolamine as effective reagent for the synthesis of heterocyclic tertiary amine salts. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 693-698.	0.8	0