

Kirill V Zaitsev

List of Publications by Citations

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79
papers

798
citations

18
h-index

23
g-index

82
ext. papers

940
ext. citations

2.5
avg, IF

3.81
L-index

#	Paper	IF	Citations
79	Synthesis of model humic substances: a mechanistic study using controllable H/D exchange and Fourier transform ion cyclotron resonance mass spectrometry. <i>Analyst, The</i> , 2015 , 140, 4708-19	5	38
78	Controlled ring-opening homo- and copolymerization of ϵ -caprolactone and d,l-lactide by iminophenolate aluminum complexes: An efficient approach toward well-defined macromonomers. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1237-1250	2.5	36
77	Stabilized Germylenes Based on Diethylenetriamines and Related Diamines: Synthesis, Structures, and Chemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3712-3724	2.3	34
76	Enumeration of carboxyl groups carried on individual components of humic systems using deuteromethylation and Fourier transform mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 2477-2488	4.4	30
75	Palladium complexes with stabilized germylene and stannylene ligands. <i>Dalton Transactions</i> , 2013 , 42, 7901-12	4.3	30
74	Donor-Acceptor Oligogermanes: Synthesis, Structure, and Electronic Properties. <i>Organometallics</i> , 2013 , 32, 6500-6510	3.8	29
73	Titanium complexes of dialkanolamine ligands as initiators for living ring-opening polymerization of ϵ -caprolactone. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1230-1240	2.5	29
72	Reaction of germanes and digermanes with triflic acid: The route to novel organooligogermanes. <i>Journal of Organometallic Chemistry</i> , 2012 , 700, 207-213	2.3	28
71	Novel germylenes and stannylenes based on pyridine-containing dialcohol ligands. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3828-3832	2.3	27
70	Titanium complexes based on chiral enantiopure dialkanolamines: synthesis, structures and catalytic activity. <i>New Journal of Chemistry</i> , 2008 , 32, 1415	3.6	27
69	Aluminum complexes based on pyridine substituted alcohols: synthesis, structure, and catalytic application in ROP. <i>Dalton Transactions</i> , 2015 , 44, 11963-76	4.3	24
68	Titanium Complexes of Dialkanolamine Ligands: Synthesis and Structure. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1987-1999	2.3	24
67	Luminescence Enhancement by p-Substituent Variation. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 107-114	2.3	22
66	Compounds of Group 14 Elements with an Element-Element (E = Si, Ge, Sn) Bond: Effect of the Nature of the Element Atom. <i>Organometallics</i> , 2015 , 34, 2765-2774	3.8	21
65	Extending the family of stable heavier carbenes: New tetrylenes based on N,N,O-ligands. <i>Inorganica Chimica Acta</i> , 2016 , 443, 91-100	2.7	20
64	New oligogermane with a five coordinate germanium atom: the preparation of 1-germylgermatrane. <i>Dalton Transactions</i> , 2014 , 43, 6605-9	4.3	19
63	Stabilized germylenes based on dialkanolamines: Synthesis, structure, chemical properties. <i>Journal of Organometallic Chemistry</i> , 2012 , 706-707, 66-83	2.3	19

62	Novel Stannylenes Stabilized with Diethylenetriamido and Related Amido Ligands: Synthesis, Structure, and Chemical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 502-511	1.3	19
61	Oligogermanes Containing Only Electron-Withdrawing Substituents: Synthesis and Properties. <i>Organometallics</i> , 2017 , 36, 298-309	3.8	17
60	Synthesis and structure of titanium alkoxides based on tetraphenyl substituted 2,6-dimethanolpyridine moiety. <i>Inorganica Chimica Acta</i> , 2007 , 360, 2507-2512	2.7	17
59	Molecular Oligogermanes and Related Compounds: Structure, Optical and Semiconductor Properties. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1240-1249	4.5	16
58	Oligothieryl catenated germanes and silanes: synthesis, structure, and properties. <i>Dalton Transactions</i> , 2018 , 47, 5431-5444	4.3	15
57	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. <i>Environmental Science & Technology</i> , 2020 , 54, 2667-2677	10.3	14
56	Aluminum Complexes Based on Tridentate Amidoalkoxide NNO-Ligands: Synthesis, Structure, and Properties. <i>Journal of Organometallic Chemistry</i> , 2018 , 875, 11-23	2.3	12
55	Carbonyl complexes of transition metals with stabilized germylenes. <i>Journal of Organometallic Chemistry</i> , 2013 , 735, 15-25	2.3	11
54	Synthesis and structural characterization of low-valent group 14 metal complexes based on aminobisphenol ligands. <i>Inorganica Chimica Acta</i> , 2017 , 461, 213-220	2.7	10
53	Synthesis of carboxylated styrene polymer for internal calibration of Fourier transform ion cyclotron resonance mass-spectrometry of humic substances. <i>European Journal of Mass Spectrometry</i> , 2017 , 23, 156-161	1.1	10
52	Controlled homoand copolymerization of ϵ -caprolactone and d,l-lactide in the presence of TiIV complexes. <i>Russian Chemical Bulletin</i> , 2015 , 64, 181-188	1.7	10
51	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. <i>Main Group Metal Chemistry</i> , 2014 , 37,	1.6	10
50	Synthesis of Functional Poly(ϵ -caprolactone)s via Living Ring-Opening Polymerization of ϵ -Caprolactone Using Functionalized Aluminum Alkoxides as Initiators. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1600580	2.6	9
49	Sterically hindered tetrylenes based on new 1,10-phenanthroline-containing diols: initiators for ϵ -caprolactone polymerization. <i>Russian Chemical Bulletin</i> , 2019 , 68, 380-388	1.7	8
48	New tetrylenes based on substituted diethylenetriamines: synthesis and use as initiators for ϵ -caprolactone polymerization. <i>Russian Chemical Bulletin</i> , 2019 , 68, 389-393	1.7	8
47	Austalides V and W, new meroterpenoids from the fungus <i>Aspergillus ustus</i> and their antitumor activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 126708	2.9	8
46	Disproportionation reactions within the series of coordinated monoorganostannanes. <i>Journal of Organometallic Chemistry</i> , 2013 , 747, 241-248	2.3	8
45	Biodegradation of Poly(ϵ -caprolactones and Poly-l-lactides by Fungi. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 4350-4359	4.5	8

44	Hypercoordinated Oligosilanes Based on Aminotrisphenols. <i>ACS Omega</i> , 2018 , 3, 10317-10330	3.9	8
43	Tetrylenes based on 1,10-phenanthroline-containing diol: the synthesis and application as initiators of ϵ -caprolactone polymerization. <i>Russian Chemical Bulletin</i> , 2018 , 67, 542-547	1.7	7
42	Germlyenes and stannylenes based on aminobisphenolate ligands: insertion into the C-Br bond. <i>Russian Chemical Bulletin</i> , 2017 , 66, 622-627	1.7	6
41	Synthesis, structure, and catalytic activity of new aluminum complexes formed with sterically bulky ligands. <i>Russian Chemical Bulletin</i> , 2014 , 63, 2630-2634	1.7	6
40	Structures of germlyenes and stannylenes with chelating ligands: a DFT study. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1576-1580	1.7	6
39	Syndiospecific polymerization of styrene in the presence of new titanium complexes with dialkanolamines: Titanocanes and bistitanocanes. <i>Polymer Science - Series B</i> , 2010 , 52, 136-143	0.8	6
38	Titanium (IV) complexes based on substituted 2-[(2-hydroxyethyl)]aminophenols. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 173-179	2.3	6
37	Donor-acceptor molecular oligogermanes: Novel properties and structural aspects. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 228-237	2.3	6
36	Aryl Oligogermanes as Ligands for Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4911-4924	2.3	6
35	Aryl Germanes as Ligands for Transition Polymetallic Complexes: Synthesis, Structure, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2750-2760	2.3	5
34	Chromium carbonyl complexes with aryl mono- and oligogermanes: Ability for haptotropic rearrangement. <i>Journal of Organometallic Chemistry</i> , 2019 , 897, 217-227	2.3	5
33	Titanium(IV) Complexes Based on Tridentate N,N,O Ligands: Synthesis, Structure, and Thermal Decomposition. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5903-5912	2.3	5
32	Synthesis of new titanatranes containing organic substituents in the atrane fragment. <i>Russian Chemical Bulletin</i> , 2005 , 54, 2831-2840	1.7	5
31	Synthesis, structure, and catalytic activity of new aluminum and titanium complexes based on aminobisphenolate ligands containing bulky substituents. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1743-1749 ¹⁻⁷	1.7	5
30	Titanium complexes based on pyridine containing dialcohols: Effect of a ligand. <i>Inorganic Chemistry Communication</i> , 2016 , 67, 1-5	3.1	5
29	Substituted 4-(1H-1,2,3-triazol-1-yl)-tetrafluorobenzoates: Selective synthesis and structure. <i>Journal of Fluorine Chemistry</i> , 2016 , 187, 15-23	2.1	5
28	The reaction of Al(O-i-Pr) ₃ with the SalenH ₂ ligand: An unexpected product. <i>Polyhedron</i> , 2014 , 81, 312-315	1.7	4
27	Synthesis of chromium carbonyl complexes with molecular aryl polysilanes: Si-Si bond rupture and formation. <i>Inorganic Chemistry Communication</i> , 2019 , 109, 107571	3.1	3

26	{2,2'-[Ethane-1,2-diylbis(nitrilo-methan-yl-yl-idene)]diphenolato}(iso-propano-lato)aluminium di-chloro-methane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m631-2		3
25	6-Benzyl-2-methyl-1,3-bis-(penta-fluoro-phen-yl)-1,3,6,2-triaza-alumocane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m1385-6		3
24	New dialkylenetriamine zinc complexes as highly efficient ROP catalysts. <i>Mendeleev Communications</i> , 2020 , 30, 596-598	1.9	3
23	Insertion of germylenes into Ge-X bonds giving molecular oligogermanes: theory and practice. <i>Monatshefte für Chemie</i> , 2019 , 150, 1773-1778	1.4	2
22	DFT study of inter-ring haptotropic rearrangement in CpRu ⁺ complexes of polycyclic aromatic ligands. <i>Journal of Organometallic Chemistry</i> , 2019 , 889, 9-14	2.3	2
21	Structure of hypercoordinated monoorganodihalostannanes in solutions and in the solid state: the halogen effect. <i>Inorganica Chimica Acta</i> , 2015 , 432, 142-148	2.7	2
20	Monasnicotinic acid, a novel pyridine alkaloid of the fungus <i>Aspergillus cavernicola</i> : isolation and structure elucidation. <i>Mendeleev Communications</i> , 2018 , 28, 55-57	1.9	2
19	Catalytic synthesis of alkyl (S,S)-O-Lactyllactates: Efficiency in action. <i>Catalysis Communications</i> , 2018 , 106, 36-39	3.2	2
18	Germylenes derived from pyridine-containing diols: reactions with diphenylphosphoryl azide and 9,10-phenanthrenequinone*. <i>Chemistry of Heterocyclic Compounds</i> , 2012 , 47, 1584-1589	1.4	2
17	Crystal packing in the structures of diethanolamine derivatives. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, o587-92		2
16	Di-μxido-bis-({2,2'-[ethane-1,2-diylbis(nitrilo-methanylyl-idene)]diphenolato}titanium(IV)) chloro-form disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m626-7		2
15	Methylaluminum complexes based on tridentate 2,6-bis(mercaptoalkyl)pyridine SNS-ligands. <i>Mendeleev Communications</i> , 2021 , 31, 847-849	1.9	2
14	Extending the series of p-substituted tetrafluorobenzoic acids: synthesis, properties and structure. <i>Journal of Fluorine Chemistry</i> , 2017 , 197, 49-58	2.1	1
13	Crystal structure of 2,2,3,3-tetra-methyl-1,1,1,4,4,4-hexa-phenyl-tetra-germane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1273-4		1
12	Crystal structure of a mixed-valence μxido Sn ₁₂ cluster. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, m378-9		1
11	Crystal structure of (tert-butyl-dimethyl-sil-yl)tri-phenyl-germane, Ph ₃ Ge-SiMe ₂ (t-Bu). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1015-6	0.7	1
10	Di-μxido-bis-({2,2'-[ethane-1,2-diylbis(nitrilo-methanylyl-idene)]diphen-olato}titanium(IV)) chloro-form disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m635-6		1
9	Silicon Complexes Based on SS- and SS-Coordinating Tridentate Ligands. <i>Journal of Organometallic Chemistry</i> , 2021 , 122153	2.3	0

- 8 exo- and endo-Complexes of Fe(0) with Carbon Allotropic Modifications on the Example of Fullerene C₆₀: a Density Function Theory Study. *Russian Journal of General Chemistry*, **2021**, 91, 828-834 0.7 0
- 7 Antitumor Activity of Monasnicotinic Acid Isolated from the Fungus *Aspergillus cavernicola*. *Russian Journal of Bioorganic Chemistry*, **2021**, 47, 307-316 1 0
- 6 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 1
- 5 Crystal structure of 2,6-bis-(2-hydroxy-5-methyl-phen-yl)-4-phenyl-pyridinium bromide di-chloro-methane hemisolvate hemihydrate. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o953-4 0.7
- 4 Crystal structure of 4,8-di-tert-butyl-6,6-di-chloro-13-ethyl-2,10-dimethyl-13,14-di-hydro-12H-dibenzo[d,i][1,3,7,2]dioxaza-silolecine toluene 0.25-solvate. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o1065-6 0.7
- 3 Diamidoamine Aluminum Complexes: Synthesis, Structure, Lactide and ϵ -Caprolactone Polymerization. *ChemistrySelect*, **2021**, 6, 10243-10249 1.8
- 2 Tetrylenes based on polydentate sulfur-containing ligands. *Mendeleev Communications*, **2021**, 31, 850-852 0.9
- 1 Reaction of Substituted Group 14 Element Potassium Salts with 1-(Chloromethyl)silatrane: Substitution or Rearrangement?. *Russian Journal of General Chemistry*, **2021**, 91, 2385-2390 0.7