

# Alexander A Korlyukov

## List of Publications by Year in descending order

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344  
papers

5,255  
citations

109137

35  
h-index

205818

48  
g-index

366  
all docs

366  
docs citations

366  
times ranked

3817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Dissociation Energy in Donor-Acceptor Complex AuCl <sub>3</sub> ·PPh <sub>3</sub> via Topological Analysis of the Experimental Electron Density Distribution Function. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11519-11522.	1.1	97
2	The influence of ionic liquid's nature on free radical polymerization of vinyl monomers and ionic conductivity of the obtained polymeric materials. <i>Polymers for Advanced Technologies</i> , 2007, 18, 50-63.	1.6	92
3	Estimation of the Barrier to Rotation of Benzene in the (C <sub>6</sub> H <sub>6</sub> ) <sub>2</sub> Cr Crystal via Topological Analysis of the Electron Density Distribution Function. <i>Journal of Physical Chemistry A</i> , 2006, 110, 6545-6551.	1.1	91
4	IR and X-ray Study of Polymorphism in 1-Alkyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imides. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9538-9546.	1.2	82
5	Experimental and Theoretical Study of the Transannular Intramolecular Interaction and Cage Effect in the Atrane Framework of Boratrane and 1-Methylsilatrane. <i>Inorganic Chemistry</i> , 2002, 41, 5043-5051.	1.9	81
6	Solvent-controlled synthesis of tetranuclear cage-like copper( <i>II</i> ) silsesquioxanes. Remarkable features of the cage structures and their high catalytic activity in oxidation with peroxides. <i>Dalton Transactions</i> , 2014, 43, 872-882.	1.6	69
7	A novel photoredox-active group for the generation of fluorinated radicals from difluorostyrenes. <i>Chemical Science</i> , 2020, 11, 737-741.	3.7	67
8	Cage-Like Copper(II) Silsesquioxanes: Transmetalation Reactions and Structural, Quantum Chemical, and Catalytic Studies. <i>Chemistry - A European Journal</i> , 2015, 21, 8758-8770.	1.7	65
9	Carboranes: chemical concepts derived from the AIM study of the experimental and theoretical electron density distribution functions. <i>Faraday Discussions</i> , 2007, 135, 203-215.	1.6	61
10	Palladium-containing hypercrosslinked polystyrene as an easy to prepare catalyst for Suzuki reaction in water and organic solvents. <i>Reactive and Functional Polymers</i> , 2009, 69, 755-758.	2.0	57
11	Aerobic Co or Cu/NHPI-catalyzed oxidation of hydride siloxanes: synthesis of siloxanols. <i>Green Chemistry</i> , 2018, 20, 1467-1471.	4.6	56
12	Unusual Tri-, Hexa-, and Nonanuclear Cu(II) Cage Methylsilsesquioxanes: Synthesis, Structures, and Catalytic Activity in Oxidations with Peroxides. <i>Inorganic Chemistry</i> , 2017, 56, 4093-4103.	1.9	54
13	Binuclear Cage-Like Copper(II) Silsesquioxane ("Cooling Tower") - Its High Catalytic Activity in the Oxidation of Benzene and Alcohols. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5240-5246.	1.0	53
14	A heterometallic (Fe <sub>6</sub> Na <sub>8</sub> ) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. <i>RSC Advances</i> , 2016, 6, 48165-48180.	1.7	53
15	Two Modifications Formed by "Sulflower"-C <sub>16</sub> S <sub>8</sub> Molecules, Their Study by XRD and Optical Spectroscopy (Raman, IR, UV-Vis) Methods. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10949-10961.	1.1	51
16	Alkali-Metal-Directed Hydrolytic Condensation of Trifunctional Phenylalkoxysilanes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1253-1261.	1.0	49
17	Fluorocyanation of Enamines. <i>Journal of Organic Chemistry</i> , 2010, 75, 5367-5370.	1.7	47
18	Geminal Silicon/Zinc Reagent as an Equivalent of Difluoromethylene Bis-carbanion. <i>Organic Letters</i> , 2014, 16, 1438-1441.	2.4	47

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19	The role of intermolecular H $\cdots$ H and C $\cdots$ H interactions in the ordering of [2.2]paracyclophane at 100 K: estimation of the sublimation energy from the experimental electron density function. <i>Mendeleev Communications</i> , 2005, 15, 90-92.	0.6	45
20	Unusual penta- and hexanuclear Ni( $\mu_2$ )-based silsesquioxane polynuclear complexes. <i>Dalton Transactions</i> , 2016, 45, 7320-7327.	1.6	44
21	Stereoelectronic Control in the Ozone-Free Synthesis of Ozonides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4955-4959.	7.2	44
22	Ozone-Free Synthesis of Ozonides: Assembling Bicyclic Structures from 1,5-Diketones and Hydrogen Peroxide. <i>Journal of Organic Chemistry</i> , 2018, 83, 4402-4426.	1.7	44
23	Theoretical QTAIM, ELI-D, and Hirshfeld Surface Analysis of the Cu $\cdots$ (H)B Interaction in [Cu $_2$ ( <i>bipy</i> ) $_2$ B $_{10}$ H $_{10}$ ]. <i>Journal of Physical Chemistry A</i> , 2013, 117, 13138-13150.	1.1	43
24	Fluorenyl-substituted silole molecules: geometric, electronic, optical, and device properties. <i>Journal of Materials Chemistry</i> , 2008, 18, 3157.	6.7	41
25	Trifluoromethylation of N-Benzoylhydrazones. <i>Journal of Organic Chemistry</i> , 2008, 73, 5643-5646.	1.7	40
26	High-Cluster (Cu $_9$ ) Cage Silsesquioxanes: Synthesis, Structure, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2018, 57, 11524-11529.	1.9	40
27	Synthesis and Temperature-Induced Structural Phase and Spin Transitions in Hexadecylboron-Capped Cobalt(II) Hexachlorocathrochelate and Its Diamagnetic Iron(II)-Encapsulating Analogue. <i>Inorganic Chemistry</i> , 2015, 54, 5827-5838.	1.9	39
28	First cage-like pentanuclear Co( $\mu_2$ )-silsesquioxane. <i>Dalton Transactions</i> , 2016, 45, 13663-13666.	1.6	39
29	Radical Silyldifluoromethylation of Electron-Deficient Alkenes. <i>Organic Letters</i> , 2017, 19, 3215-3218.	2.4	39
30	Nature of weak inter- and intramolecular contacts in crystals 2. Character of electron delocalization and the nature of X $\cdots$ H $\cdots$ X (X = C, B) contacts in the crystal of 1-phenyl-o-carborane. <i>Russian Chemical Bulletin</i> , 2005, 54, 547-559.	0.4	38
31	Pentacoordinate silicon complexes with dynamic motion resembling a pendulum on the SN2 reaction pathway. <i>Dalton Transactions</i> , 2013, 42, 10971.	1.6	38
32	Heterometallic Na $_6$ Co $_3$ Phenylsilsesquioxane Exhibiting Slow Dynamic Behavior in its Magnetization. <i>Chemistry - A European Journal</i> , 2015, 21, 18563-18565.	1.7	38
33	Coordination compounds of tetravalent silicon, germanium and tin: the structure, chemical bonding and intermolecular interactions in them. <i>Russian Chemical Reviews</i> , 2015, 84, 422-440.	2.5	38
34	High Catalytic Activity of Heterometallic (Fe $_6$ Na $_7$ and Fe $_6$ Na $_6$ ) Cage Silsesquioxanes in Oxidations with Peroxides. <i>Catalysts</i> , 2017, 7, 101.	1.6	37
35	Synthesis and X-ray Crystal Structure Determination of New Zwitterionic Complexes of Titanocene. <i>Organometallics</i> , 2001, 20, 4072-4079.	1.1	36
36	Cage-like Fe,Na $\cdots$ Gemsesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15360-15363.	7.2	36

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37	Family of Polynuclear Nickel Cage-like Phenylsilsesquioxanes; Features of Periodic Networks and Magnetic Properties. <i>Inorganic Chemistry</i> , 2017, 56, 12751-12763.	1.9	36
38	Si <sub>10</sub> Cu <sub>6</sub> N <sub>4</sub> Cage Hexacoppersilsesquioxanes Containing N Ligands: Synthesis, Structure, and High Catalytic Activity in Peroxide Oxidations. <i>Inorganic Chemistry</i> , 2017, 56, 15026-15040.	1.9	36
39	Trapping of Difluorocarbene by Frustrated Lewis Pairs. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12428-12431.	7.2	36
40	Novel Highly Efficient P-Chiral Ferrocenylimino Diamidophosphite Ligands for Pd-Catalysed Asymmetric Allylation. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2097-2105.	1.2	35
41	Stabilization of 1T-MoS <sub>2</sub> Sheets by Imidazolium Molecules in Self-Assembling Hetero-layered Nanocrystals. <i>Langmuir</i> , 2015, 31, 8953-8960.	1.6	34
42	Silicon and Germanium-Based Sesquioxanes as Versatile Building Blocks for Cage Metallacomplexes. A Review. <i>Journal of Cluster Science</i> , 2019, 30, 1283-1316.	1.7	34
43	The first carborane triflates: synthesis and reactivity of 1-trifluoromethanesulfonylmethyl- and 1,2-bis(trifluoromethanesulfonylmethyl)-o-carborane. <i>Dalton Transactions</i> , 2005, , 903.	1.6	33
44	Ionic Complexes of Tetra- and Nonanuclear Cage Copper(II) Phenylsilsesquioxanes: Synthesis and High Activity in Oxidative Catalysis. <i>ChemCatChem</i> , 2017, 9, 4437-4447.	1.8	33
45	Novel Cage-Like Hexanuclear Nickel(II) Silsesquioxane. Synthesis, Structure, and Catalytic Activity in Oxidations with Peroxides. <i>Molecules</i> , 2016, 21, 665.	1.7	32
46	Tuning linkage isomerism and magnetic properties of bi- and tri-metallic cage silsesquioxanes by cation and solvent effects. <i>Dalton Transactions</i> , 2017, 46, 12935-12949.	1.6	32
47	Aerobic Co-/Ni-Hydroxysuccinimide-Catalyzed Oxidation of <i>p</i> -Tolylsiloxanes to <i>p</i> -Carboxyphenylsiloxanes: Synthesis of Functionalized Siloxanes as Promising Building Blocks for Siloxane-Based Materials. <i>Journal of the American Chemical Society</i> , 2019, 141, 2143-2151.	6.6	32
48	Cyclotetrasiloxanetetrals with Methyl Groups at Silicon: Isomers <i>all-cis</i> - and <i>cis-trans-cis</i> -[MeSi(O)OH] <sub>4</sub> . <i>Inorganic Chemistry</i> , 2010, 49, 572-577.	1.9	31
49	Novel Formal [3+3] Cycloaddition of Silyl Nitronates with Activated Cyclopropanes and Its Application in the Synthesis of Pyrroline-N-oxides. <i>Synlett</i> , 2014, 25, 2275-2280.	1.0	31
50	Trifluoromethylation of Salicyl Aldimines. <i>Journal of Organic Chemistry</i> , 2007, 72, 8604-8607.	1.7	30
51	Black hybrid iodobismuthate containing linear anionic chains. <i>New Journal of Chemistry</i> , 2018, 42, 6354-6363.	1.4	30
52	P*,N-Bidentate Amino Phosphoramidites: New Highly Effective Ligands for Pd-Catalysed Asymmetric Allylic Substitution. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 629-634.	1.0	29
53	Reactions of CF <sub>3</sub> -substituted boranes with $\pm$ -diazocarbonyl compounds. <i>Tetrahedron Letters</i> , 2011, 52, 5259-5263.	0.7	29
54	Nature Chooses Rings: Synthesis of Silicon-Containing Macrocyclic Peroxides. <i>Organometallics</i> , 2014, 33, 2230-2246.	1.1	29

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55	Synthesis of <i>gem</i> -Difluorinated Nitroso Compounds. <i>Journal of Organic Chemistry</i> , 2014, 79, 11819-11823.	1.7	29
56	Experimental Charge Density Evidence for Pnictogen Bonding in a Crystal of Ammonium Chloride. <i>ChemPhysChem</i> , 2015, 16, 676-681.	1.0	29
57	Synthesis of Pentafluorophenylmethanimines via Silicon Mannich Reaction. <i>Organic Letters</i> , 2005, 7, 2913-2915.	2.4	28
58	(Amidomethyl)dimethylsilanol hydrohalides: Synthesis, NMR and IR studies. Characteristic features of the electronic structure from high-resolution X-ray study and quantum chemical calculation. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3962-3975.	0.8	28
59	Rietveld refinement and structure verification using 'Morse' restraints. <i>Journal of Applied Crystallography</i> , 2012, 45, 1187-1197.	1.9	28
60	Synthesis, Structures, and Stereodynamic Behavior of Novel Pentacoordinate Fluorosilanes: Fluorosilyl Derivatives of Proline. <i>Organometallics</i> , 2012, 31, 4988-4997.	1.1	28
61	Coordination chemistry of mercury-containing anticrowns. Synthesis and structures of the complexes of cyclic trimeric perfluoro- <i>o</i> -phenylenemercury with ethanol, THF and bis-2,2-tetrahydrofuryl peroxide. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2604-2610.	0.8	27
62	Secondary interactions in decachloro-closo-decaborates R <sub>2</sub> [B <sub>10</sub> Cl <sub>10</sub> ] (R = Et <sub>3</sub> NH <sup>+</sup> , Ph <sub>4</sub> P <sup>+</sup> , and) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 4	1.2	27
63	The nature of the intramolecular transannular Si-Â-N interaction in crystalline 1-methylsilatrane, as found from X-ray diffraction data. <i>Mendeleev Communications</i> , 2000, 10, 88-90.	0.6	26
64	Si-Fluoro substituted quasisilatrane (Nâ-Si) FYSi(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> NR. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 607-615.	0.8	26
65	Four independent structures of a pentacoordinate silicon species at different points on the Berry pseudorotation pathway. <i>Chemical Communications</i> , 2010, 46, 3274.	2.2	26
66	Structural studies of crystals of organic and organoelement compounds using modern quantum chemical calculations within the framework of the density functional theory. <i>Russian Chemical Reviews</i> , 2012, 81, 105-129.	2.5	26
67	Synthesis, structure and enantiomeric resolution of ferrocenylalkyl mercaptoazoles. Antitumor activity in vivo. <i>Journal of Organometallic Chemistry</i> , 2015, 783, 83-91.	0.8	26
68	Heptanuclear Cage Cu <sup>II</sup> -silsesquioxanes: Synthesis, Structure and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2505-2511.	1.0	26
69	Cu(II)-silsesquioxanes as Secondary Building Units for Construction of Coordination Polymers: A Case Study of Cesium-Containing Compounds. <i>Crystal Growth and Design</i> , 2016, 16, 1968-1977.	1.4	24
70	Photoredox generation of the trifluoromethyl radical from borate complexes <i>via</i> single electron reduction. <i>Chemical Communications</i> , 2018, 54, 2236-2239.	2.2	24
71	Synthesis, structure and dynamic stereochemistry of (Oâ-Si)-chelate N-(trifluorosilylmethyl)-[N-(S)-(1-phenylethyl)]acetamide and 1-(trifluorosilylmethyl)-2-oxoperhydroazepine: Retention of the Oâ-Si coordination in the adduct with KF and 18-crown-6. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1309-1320.	0.8	23
72	An unexpected cluster opening upon the formation of electronically unsaturated 1,3-(cyclooctenyl)metallacarboranes of rhodium(III) and iridium(III) with sterically reduced [(PhCH <sub>2</sub> ) <sub>2</sub> C <sub>2</sub> B <sub>9</sub> H <sub>9</sub> ] <sup>2+</sup> ligand. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1727-1735.	0.8	23

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73	Selective Oxidative Coupling of 3-H-Pyrazolones, Isoxazolones, Pyrazolidinediones, and Barbituric Acids with Malonyl Peroxides: An Effective Functionalization. <i>ChemistrySelect</i> , 2017, 2, 3334-3341.	0.7	23
74	Family of penta- and hexanuclear metallasilsesquioxanes: Synthesis, structure and catalytic properties in oxidations. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 133-141.	0.8	23
75	Local structure of the Ag(100) surface reacting with molecular iodine: Experimental and theoretical study. <i>Physical Review B</i> , 2009, 80, .	1.1	22
76	Synthesis and Hydrolysis-Condensation Study of Water-Soluble Self-Assembled Pentacoordinate Polysilylamides. <i>Organometallics</i> , 2013, 32, 1721-1731.	1.1	22
77	5-Amino-3,4-dinitropyrazole as a Promising Energetic Material. <i>Propellants, Explosives, Pyrotechnics</i> , 2016, 41, 999-1005.	1.0	22
78	Synthesis of unstrained Criegee intermediates: inverse $\beta$ -effect and other protective stereoelectronic forces can stop Baeyer-Villiger rearrangement of $\beta$ -hydroperoxy- $\beta$ -peroxylactones. <i>Chemical Science</i> , 2020, 11, 5313-5322.	3.7	22
79	Coordination Affinity of Cu(II)-Based Silsesquioxanes toward N,N-Ligands and Associated Skeletal Rearrangements: Cage and Ionic Products Exhibiting a High Catalytic Activity in Oxidation Reactions. <i>Inorganic Chemistry</i> , 2020, 59, 4536-4545.	1.9	22
80	Tridecanuclear $\text{Cu}_{11}\text{Na}_2$ Cage-like Silsesquioxanes. <i>Crystal Growth and Design</i> , 2018, 18, 5377-5384.	1.4	21
81	Hexacoppergermsesquioxanes as complexes with N-ligands: Synthesis, structure and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 2019, 884, 17-28.	0.8	21
82	Probing Weak Intermolecular Interactions by Using the Invariom Approach: A Comparative Study of Tetrazine. <i>Chemistry - A European Journal</i> , 2014, 20, 6978-6984.	1.7	20
83	Diastereoselective solid-state crossed photocycloaddition of olefins in a 3D $\text{Zn}$ coordination polymer. <i>Chemical Communications</i> , 2018, 54, 13861-13864.	2.2	20
84	How to Build Rigid Oxygen-Rich Tricyclic Heterocycles from Triketones and Hydrogen Peroxide: Control of Dynamic Covalent Chemistry with Inverse $\beta$ -Effect. <i>Journal of the American Chemical Society</i> , 2020, 142, 14588-14607.	6.6	20
85	Experimental and theoretical study of vibrational spectra and structure of dihalogermylene and dihalostannylene complexes with 1,4-dioxane and triphenylphosphine. <i>Journal of Molecular Structure</i> , 2005, 750, 116-122.	1.8	19
86	Comparative studies of the geometric and electronic properties of 1,1-disubstituted-2,3,4,5-tetraphenylsiloles and 1,1,2,2-tetramethyl-3,4,5,6-tetraphenyl-1,2-disila-3,5-cyclohexadiene. <i>Journal of Materials Chemistry</i> , 2006, 16, 3814-3822.	6.7	19
87	Synthesis of 16-Electron (1-3-Cyclooctenyl)metallacarboranes of Rhodium(III) and Iridium(III) with the New Sterically Demanding [(4-MeC <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> C <sub>2</sub> B <sub>9</sub> H <sub>9</sub> ] <sub>2</sub> -Carborane Ligand. Molecular Structures of [3-((1 <sup>3</sup> -C <sub>8</sub> H <sub>13</sub> )-C <sub>8</sub> H <sub>13</sub> )-1,2-(4-MeC <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> -3,1,2-pseudocloso-MC <sub>2</sub> B <sub>9</sub> H <sub>9</sub> ] (M = Rh, Ir) and [(1-6-MeC <sub>6</sub> H <sub>4</sub> )Rh(C <sub>2</sub> B <sub>9</sub> H <sub>9</sub> C <sub>6</sub> H <sub>4</sub> Me)Rh(1-4-C <sub>8</sub> H <sub>12</sub> )] <sub>2</sub> , a Dimeric Byproduct Containing Distorted 13-Vertex [4,3,1,10-Rh <sub>2</sub> C <sub>2</sub> B <sub>9</sub> ] Cluster Units. <i>Organometallics</i> , 2007, 26, 3668-3673.	1.1	19
88	Complexation of tris(pentafluorophenyl)silanes with neutral Lewis bases. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1005-1019.	0.8	19
89	Scheme of hydrolysis of five-coordinate chlorosilanes by X-ray diffraction data. <i>Russian Journal of General Chemistry</i> , 2011, 81, 2428-2439.	0.3	19
90	The synthesis and deep purification of GaEt <sub>3</sub> . Reversible complexation of adducts MAlk <sub>3</sub> (M = Al, Ga, In; Tj ETQq <sub>0,0,0</sub> rgBT / Overlock 1	0.8	19

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91	Highly Flexible Molecule "Chameleon": Reversible Thermochromism and Phase Transitions in Solid Copper(II) Diiminate $\text{Cu}[\text{CF}_3\text{C}(\text{NH})\text{CF}_2\text{C}(\text{NH})\text{CF}_3]_2$ . <i>Inorganic Chemistry</i> , 2012, 51, 10590-10602.	1.9	19
92	Rhodium-containing hypercross-linked polystyrene as a heterogeneous catalyst for the hydroformylation of olefins in supercritical carbon dioxide. <i>Tetrahedron Letters</i> , 2013, 54, 1116-1119.	0.7	19
93	Studies of Multicenter and Intermolecular Dihydrogen B-H...H-C Bonding in $[\text{4,8-exo-}\{\text{PPh}_3\text{Cu}\}\text{-4,8-exo-(1/4-H)}_3\text{-compo-3,3-Co(1,2-C}_2\text{B}_9\text{H}_9)(1,2\text{-C}_2\text{B}_9\text{H}_{10})]$ . <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5847-5855.	1.0	19
94	Heteroligand nickel siloxane with 4-vinylbenzyl substituents. <i>Mendeleev Communications</i> , 2015, 25, 226-228.	0.6	19
95	Synthesis and structures of novel tetra- and pentanuclear copper sandwich-like metallasiloxanes with pyridine ligands. <i>Mendeleev Communications</i> , 2017, 27, 332-334.	0.6	19
96	ortho-Dialkylamino arylboranes as efficient reagents for difluorocarbene trapping. <i>Chemical Communications</i> , 2020, 56, 7140-7142.	2.2	19
97	O,O-Monochelate complexes of silicon and germanium halides: The derivatives of l-mandelic N,N-dimethylamide. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 244-248.	0.8	18
98	Polymerization of the new double-charged monomer bis(1,3-trimethylammonium dicyanamide) propylmethacrylate and ionic conductivity of the novel polyelectrolytes. <i>Polymers for Advanced Technologies</i> , 2011, 22, 448-457.	1.6	18
99	Activity of palladium nanoparticles on graphene oxide in the Suzuki-Miyaura reaction. <i>Russian Chemical Bulletin</i> , 2012, 61, 1825-1827.	0.4	18
100	Synthesis and structure of new polyhedral Ni, Na- and Cu, Na-metallasiloxanes with tolyl substituent at the silicon atom. <i>RSC Advances</i> , 2016, 6, 22052-22060.	1.7	18
101	A new bicyclic helmet-like copper(sodiumphenylsilsequioxane). Synthesis, structure and catalytic activity. <i>Dalton Transactions</i> , 2018, 47, 15666-15669.	1.6	18
102	New all-cis-tetra(p-tolyl)cyclotetrasiloxanetetraol and its functionalization. <i>Mendeleev Communications</i> , 2018, 28, 418-420.	0.6	18
103	Hydrogen Bond-Driven Self-Assembly between Single-Layer $\text{MoS}_2$ and Alkyldiamine Molecules. <i>Crystal Growth and Design</i> , 2018, 18, 5116-5123.	1.4	18
104	Marriage of Peroxides and Nitrogen Heterocycles: Selective Three-Component Assembly, Peroxide-Preserving Rearrangement, and Stereoelectronic Source of Unusual Stability of Bridged Azaazonides. <i>Journal of the American Chemical Society</i> , 2021, 143, 6634-6648.	6.6	18
105	Chemical bonding in the crystal structure of 1-hydrosilatrane. <i>Russian Chemical Bulletin</i> , 2009, 58, 25-30.	0.4	17
106	Pentacoordinated chlorosilanes with C,O-chelate ligands derived from N-methyl-N'-organosulfonyl-prolinamides*. <i>Chemistry of Heterocyclic Compounds</i> , 2012, 47, 1565-1583.	0.6	17
107	Selective Derivatization and Characterization of Bifunctional "Janus-Type" Cyclotetrasiloxanes. <i>Organometallics</i> , 2013, 32, 1732-1742.	1.1	17
108	Electronic Structure of Cesium Butyrateouranyl(VI) as Derived from DFT-assisted Powder X-ray Diffraction Data. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9745-9752.	1.1	17

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109	Ridges and valleys on charged 1T-MoS <sub>2</sub> sheets guiding the packing of organic cations. RSC Advances, 2015, 5, 19206-19212.	1.7	17
110	Four-Membered Cycle Formation Challenge: GaCl <sub>3</sub> -Promoted Formal [2+2] Cycloaddition of Donor-Acceptor Cyclopropanes to Bicyclobutylidene. European Journal of Organic Chemistry, 2019, 2019, 4207-4214.	1.2	17
111	Novel Polymorph of Favipiravir An Antiviral Medication. Pharmaceutics, 2021, 13, 139.	2.0	17
112	Inverse $\pm$ -Effect as the Ariadne's Thread on the Way to Tricyclic Aminoperoxides: Avoiding Thermodynamic Traps in the Labyrinth of Possibilities. Journal of the American Chemical Society, 2022, 144, 7264-7282.	6.6	17
113	Title is missing!. Russian Chemical Bulletin, 2002, 51, 1423-1432.	0.4	16
114	Cage-like manganesephenylsiloxane with an unusual structure. Russian Chemical Bulletin, 2011, 60, 1762-1765.	0.4	16
115	Synthesis and properties of 5-ferrocenyl-1H-pyrazole-3-carbaldehydes. Journal of Organometallic Chemistry, 2011, 696, 2108-2115.	0.8	16
116	Metallosiloxanes containing period 5 transition metals: synthesis and X-ray studies of three cadmium siloxanes. Mendeleev Communications, 2016, 26, 344-346.	0.6	16
117	Imidazol-5-one as an Acceptor in Donor-Acceptor Cyclopropanes: Cycloaddition with Aldehydes. Organic Letters, 2020, 22, 2740-2745.	2.4	16
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