

# Vladimir Ya Lee

## List of Publications by Citations

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123  
papers

3,629  
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34  
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137  
ext. papers

4,070  
ext. citations

8.6  
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5.33  
L-index

#	Paper	IF	Citations
123	<b>2010,</b>		349
122	Aromaticity of group 14 organometallics: experimental aspects. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 6596-620	16.4	159
121	Heavy cyclopropenes of Si, Ge, and Sn—a new challenge in the chemistry of group 14 elements. <i>Chemical Reviews</i> , <b>2003</b> , 103, 1429-47	68.1	154
120	Lithiosilanes and their application to the synthesis of polysilane dendrimers. <i>Coordination Chemistry Reviews</i> , <b>2000</b> , 210, 11-45	23.2	130
119	Stable silyl, germyl, and stannyl cations, radicals, and anions: heavy versions of carbocations, carbon radicals, and carbanions. <i>Accounts of Chemical Research</i> , <b>2007</b> , 40, 410-9	24.3	128
118	Heteronuclear Heavy Alkenes (E, E Group 14 Elements): Germasilenes, Silastannenes, Germastannenes...Next Stop?. <i>Organometallics</i> , <b>2004</b> , 23, 2822-2834	3.8	127
117	Isolable silyl and germyl radicals lacking conjugation with pi-bonds: synthesis, characterization, and reactivity. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 9865-9	16.4	120
116	Cyclobutadiene dianions consisting of heavier group 14 elements: synthesis and characterization. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 4758-9	16.4	97
115	Tin-centered radical and cation: stable and free. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 9250-1	16.4	76
114	The First Metalladiene of Group 14 Elements with a Silole-Type Structure with SiGe and CC Double Bonds. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 12604-12605	16.4	75
113	(tBu <sub>2</sub> MeSi) <sub>2</sub> Sn=Sn(SiMe <sub>2</sub> Bu) <sub>2</sub> : a distannene with a >Sn=Sn. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11643-51	16.4	74
112	The First Three-Membered Unsaturated Rings Consisting of Different Heavier Group 14 Elements: 1-Disilagermirene with a SiSi Double Bond and Its Isomerization to a 2-Disilagermirene with a SiGe Double Bond. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 9034-9035	16.4	73
111	A PushPullPhosphasilene and Phosphagermene and Their Anion-Radicals. <i>Organometallics</i> , <b>2009</b> , 28, 4262-4265	3.8	67
110	Stable aromatic compounds containing heavier Group 14 elements. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 611, 228-235	2.3	66
109	Si-, Ge-, and Sn-Centered Free Radicals: From Phantom Species to Grams-Order-Scale Materials. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 1209-1222	2.3	65
108	Nearly planar nonsolvated monomeric silyl- and germyllithiums as a result of an intramolecular CH-Li agostic interaction. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 15160-1	16.4	60
107	The first isolable 1,1-dilithiogermane and its unusual dimeric structure—an effective reagent for the preparation of double-bonded derivatives of group 14 elements. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 1598-600	16.4	59

106	Tetrasilacyclobutadiene ((t)Bu(2)MeSi)(4)Si(4): a new ligand for transition-metal complexes. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5768-9	16.4	58
105	The first silastannene >si=sn. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 14822-3	16.4	55
104	Tetrakis(di-tert-butylmethylsilyl)distannene and its anion radical. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 11758-9	16.4	47
103	Si <sub>3</sub> C <sub>2</sub> -rings: from a nonconjugated trisilacyclopentadiene to an aromatic trisilacyclopentadienide and cyclic disilenide. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6352-3	16.4	46
102	The heavy analogue of CpLi: lithium 1,2-disila-3-germacyclopentadienide, a 6pi-electron aromatic system. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 13142-3	16.4	45
101	Base-free molybdenum and tungsten bicyclic silylene complexes stabilized by a homoaromatic contribution. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 916-7	16.4	43
100	A (Tetrasilacyclobutadiene)tricarbonyliron complex [{eta-4-(tBu <sub>2</sub> MeSi) <sub>4</sub> Si <sub>4</sub> }Fe(CO) <sub>3</sub> ]: the silicon cousin of pettit's (cyclobutadiene)tricarbonyliron complex [(eta-4-H <sub>4</sub> C <sub>4</sub> )Fe(CO) <sub>3</sub> ]. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 3269-72	16.4	43
99	[(tBu <sub>2</sub> MeSi) <sub>3</sub> Ge] <sup>+</sup> : an isolable free germyl cation lacking conjugation to pi bonds. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1143-5	16.4	41
98	Heavy ferrocene: a sandwich complex containing Si and Ge atoms. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 10340-1	16.4	40
97	Reaction of Dilithiosilane R <sub>2</sub> SiLi <sub>2</sub> and Dilithiogermene R <sub>2</sub> GeLi <sub>2</sub> (R = SiMe <sub>2</sub> tBu) with MesBCl <sub>2</sub> (Mes = 2,4,6-trimethylphenyl): Evidence for the Formation of Silaborene R <sub>2</sub> Si=BMes and Germaborene R <sub>2</sub> Ge=BMes. <i>Chemistry Letters</i> , <b>2005</b> , 34, 582-583	1.7	40
96	Interplay of EnE'-nC valence isomers (E, E' = Si, Ge): bicyclo[1.1.0]butanes with very short bridging bonds and their isomerization to alkyl-substituted cyclopropenes. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 2436-7	16.4	39
95	Isomeric metamorphosis: Si <sub>3</sub> E (E = S, Se, and Te) bicyclo[1.1.0]butane and cyclobutene. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 2758-9	16.4	37
94	1,3-Disila-2-gallata- and -indataallenic Anions [>SiMSi]. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 5058-9	16.4	37
93	Heteronuclear Double Bonds E=E' (E = Heavy Group 14 Element, E' = Group 13-16 Element). <i>Chemistry Letters</i> , <b>2010</b> , 39, 312-318	1.7	36
92	Cyclic polyenes of heavy group 14 elements: new generation ligands for transition-metal complexes. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 1652-65	58.5	36
91	R <sub>2</sub> GeSnR <sub>2</sub> and RR <sub>2</sub> GeSnRR <sub>2</sub> (R = SiMe <sub>2</sub> tBu, R <sub>2</sub> = 2,4,6-iPr <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ): The New Stable Germastannenes. <i>Organometallics</i> , <b>2003</b> , 22, 1483-1486	3.8	35
90	SiGe <sub>2</sub> and Ge <sub>3</sub> : cyclic digermenes that undergo unexpected ring-expansion reactions. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6378-81	16.4	35
89	From tetragermacyclobutene to tetragermacyclobutadiene dianion to tetragermacyclobutadiene transition metal complexes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 5103-8	16.4	33

- 88 A chemical trick: how to make a digermene from a disilene, formation of 3delta-1,2,3,4-disiladigermetene. *Journal of the American Chemical Society*, **2003**, 125, 6012-3 16.4 33
- 87 Tetrasilacyclobutadiene and Cyclobutadiene Tricarbonylruthenium Complexes: [t-Bu<sub>2</sub>MeSi]<sub>4</sub>Si<sub>4</sub>Ru(CO)<sub>3</sub> and [Me<sub>3</sub>Si]<sub>4</sub>C<sub>4</sub>Ru(CO)<sub>3</sub>. *Organometallics*, **2009**, 28, 1248-1251 3.8 32
- 86 Toward a silicon version of metathesis: from Schrock-type titanium silylidenes to silatitanacyclobutenes. *Journal of the American Chemical Society*, **2013**, 135, 2987-90 16.4 30
- 85 2,4-Disila-1-germatricyclo[2.1.0.0(2,5)]pentane: a new type of cage compound of group 14 elements with an extremely long Ge-C bridge bond and an "Umbrella"-type configuration of a Ge atom. *Journal of the American Chemical Society*, **2002**, 124, 9962-3 16.4 30
- 84 Pyramidanes. *Journal of the American Chemical Society*, **2013**, 135, 8794-7 16.4 29
- 83 Eta(5)-1,2,3-trisilacyclopentadienyl--a ligand for transition metal complexes: rhodium half-sandwich and ruthenium sandwich. *Journal of the American Chemical Society*, **2009**, 131, 9902-3 16.4 29
- 82 Heavy analogues of the 6electron anionic ring systems: Cyclopentadienide ion and cyclobutadiene dianion. *Journal of Organometallic Chemistry*, **2007**, 692, 2800-2810 2.3 29
- 81 The first bicyclo[1.1.0]butane dianion of heavier group 14 elements. *Angewandte Chemie - International Edition*, **2004**, 43, 6703-5 16.4 28
- 80 Spirobis(pentagerma[1.1.1]propellane): a stable tetraradicaloid. *Journal of the American Chemical Society*, **2013**, 135, 6770-3 16.4 27
- 79 (eta-Cyclopentadienyl)(eta-tetrasilacyclobutadiene) and (eta-cyclopentadienyl)(eta-trisilagermacyclobutadiene)cobalt: Sandwich Complexes Featuring Heavy Cyclobutadiene Ligands. *European Journal of Inorganic Chemistry*, **2007**, 2007, 5471-5474 2.3 27
- 78 Structural Diversity of the Tris(di-tert-butylmethylsilyl)stannyl Anion: Monomeric vs Dimeric, Lithium Coordinated vs Lithium Free. *Organometallics*, **2004**, 23, 2376-2381 3.8 26
- 77 Reaction of disilagermirenes with phenylacetylene: from a germsilene Ge-Si to a metalladiene of the type Si-Ge-C-C. *Journal of Organometallic Chemistry*, **2001**, 636, 41-48 2.3 26
- 76 Making Stable Radicals of Heavy Elements of Groups 14 and 13: The Might of Silyl Substitution. *Chemistry Letters*, **2008**, 37, 128-133 1.7 25
- 75 Unexpected Hydrolithiation of M=M Double Bond (M, M = Si, Ge) with t-BuLi. *Chemistry Letters*, **2004**, 33, 84-85 1.7 25
- 74 A blue digermene (t-Bu<sub>2</sub>MeSi)<sub>2</sub>Ge=Ge(SiMe<sub>2</sub>-t-Bu)<sub>2</sub>. *Chemical Communications*, **2011**, 47, 3272-4 5.8 23
- 73 A two-and-a-half-layer sandwich: potassium salt of anionic (eta-tetrasilacyclobutadiene)(eta-cyclopentadienyl)ruthenium. *Dalton Transactions*, **2010**, 39, 9229-31 4.3 22
- 72 Stibasilene Sb-Si and its lighter homologues: a comparative study. *Journal of the American Chemical Society*, **2014**, 136, 6243-6 16.4 21
- 71 Electronic Structure of Bis(silyl)carbon-, Bis(silyl)silicon-, and Bis(silyl)germanium-Centered Radicals (R<sub>3</sub>Si)<sub>2</sub>XE (E = C, Si, Ge; X = H, Re(CO)<sub>5</sub>, F): EPR and DFT Studies. *Organometallics*, **2010**, 29, 5596-5606 3.8 21

70	Pentasilatricyclo[2.1.0.0(2,5)]pentane and its anion. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8401-4	4.8	20
69	Novel organometallic reagents: geminal dianionic derivatives of the heavy group 14 elements. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 12303-14	5.1	19
68	Electronic Structure of Stable Radicals of the Heavy Group 14 Elements: UV-Photoelectron Spectroscopy Characterization. <i>Organometallics</i> , <b>2008</b> , 27, 2915-2917	3.8	19
67	1,2,5,6-Tetrasilabenzobenzvalene: A Valence Isomer of 1,2,3,4-Tetrasilanaphthalene. <i>Chemistry Letters</i> , <b>2007</b> , 36, 1158-1159	1.7	19
66	[(tBu <sub>2</sub> MeSi) <sub>3</sub> Ge] <sup>+</sup> : An Isolable Free Germyl Cation Lacking Conjugation to $\sigma$ Bonds. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 1175-1177	3.6	19
65	Interconversion of cyclotrimetallenes and dihalocyclotrimetallanes consisting of group 14 elements. <i>Heteroatom Chemistry</i> , <b>2001</b> , 12, 223-226	1.2	18
64	Disilagermirenes: heavy cyclopropenes of Si and Ge atoms. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 685, 168-176	2.3	17
63	From Borapyramidane to Borole Dianion. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6053-6056	6.4	16
62	Pentagermapyramidane: crystallizing the "transition-state" structure. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5654-7	16.4	16
61	1,3-Digerma-2-gallata- and -indataallenic Anions: The First Compounds with Ge=Ga or Ge=In Double Bonds. <i>Chemistry Letters</i> , <b>2008</b> , 37, 1146-1147	1.7	16
60	Heavy cyclopropene analogues R <sub>4</sub> SiGe <sub>2</sub> and R <sub>4</sub> Ge <sub>3</sub> (R=SiMe <sub>2</sub> tBu) - New members of the cyclic digermenes family. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 10-19	2.3	16
59	A Schrock-Type Germylene Complex: ( $\eta$ -C <sub>5</sub> H <sub>4</sub> Et) <sub>2</sub> (PMe <sub>3</sub> )Hf=Ge(SiMe <sub>2</sub> tBu) <sub>2</sub> . <i>Organometallics</i> , <b>2015</b> , 34, 2699-2702	3.8	15
58	Pyramidanes: The Covalent Form of the Ionic Compounds. <i>Organometallics</i> , <b>2016</b> , 35, 346-356	3.8	14
57	Electrochemical properties and computations of stable radicals of the heavy group 14 elements (Si, Ge, and Sn). <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8480-4	4.8	14
56	Syntheses and Structures of Silyl-Group-Containing Hexaalkylated Benzenes. <i>Organometallics</i> , <b>1997</b> , 16, 4200-4205	3.8	14
55	Heavy Analogs of Alkenes, 1,3-Dienes, Allenes and Alkynes: Multiply Bonded Derivatives of Si, Ge, Sn and Pb <b>2010</b> , 199-334		13
54	[Pd(4-R <sub>3</sub> Si-IPr)(allyl)Cl], a Family of Silyl-Substituted Pd $\sigma$ -H-C Complexes: Catalytic Systems for the Buchwald-Hartwig Amination. <i>Organometallics</i> , <b>2019</b> , 38, 375-384	3.8	13
53	A Cationic Phosphapyramidane. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 17585-17589	4.8	12

52	Tetrakis(di-tert-butylmethylsilyl)digermene: Synthesis, Structure, Electrochemical Properties, and Reactivity. <i>Heteroatom Chemistry</i> , <b>2014</b> , 25, 313-319	1.2	12
51	Tetrakis(trimethylsilyl)cyclobutadiene Dianion Alkaline Earth Metal Salts: New Members of the 6 $\pi$ Electron Aromatics Family. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1752-1755	2.3	11
50	A (Tetrasilacyclobutadiene)tricarbonyliron Complex [(tBu <sub>2</sub> MeSi) <sub>4</sub> Si <sub>4</sub> ]Fe(CO) <sub>3</sub> : The Silicon Cousin of Pettit's (Cyclobutadiene)tricarbonyliron Complex [(H <sub>4</sub> C <sub>4</sub> )Fe(CO) <sub>3</sub> ]. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3347-3350	3.6	11
49	A new pathway in the reaction of disilene with carbonyl compounds: an 'ene' reaction instead of cycloaddition. <i>Chemical Communications</i> , <b>2001</b> , 2146-7	5.8	11
48	Heavy Analogs of Carbenes: Silylenes, Germylenes, Stannylenes and Plumblyenes <b>2010</b> , 139-197		10
47	Friedel-Crafts polyalkylation of alkylbenzenes with dichloromethylvinylsilane. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 548, 237-245	2.3	10
46	Silicon-, Germanium-, and Tin-Centered Cations, Radicals, and Anions 47-120		10
45	An Eight-Membered Cyclic C,N-Bis(germadiyl) Bis(ketenimine). <i>Organometallics</i> , <b>1998</b> , 17, 1517-1522	3.8	10
44	Bis(stibahousene). <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13897-13902	16.4	9
43	Heavy Metallocenes of the Group 8 Metals: Ferrocene and Ruthenocene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , <b>2013</b> , 86, 1466-1471	5.1	9
42	Reaction of 1-Disilagermirene with Benzaldehyde: An Unexpected Combination of Cycloaddition and Insertion Pathways. <i>Chemistry Letters</i> , <b>2001</b> , 30, 728-729	1.7	9
41	The hexasiladigermacubane dianion. <i>Applied Organometallic Chemistry</i> , <b>2010</b> , 24, 834-836	3.1	8
40	The First Bicyclo[1.1.0]butane Dianion of Heavier Group 14 Elements. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 6871-6873	3.6	8
39	Sustainable Catalytic Synthesis of Diethyl Carbonate. <i>ChemSusChem</i> , <b>2021</b> , 14, 842-846	8.3	8
38	Arsagermene, a compound with an -As[double bond, length as m-dash]Ge[double bond splayed right] double bond. <i>Chemical Communications</i> , <b>2018</b> , 54, 10947-10949	5.8	7
37	From a Si <sub>3</sub> -Cyclopropene to a Si <sub>3</sub> S-Bicyclo[1.1.0]butane to a Si <sub>3</sub> S-Cyclopropene to a Si <sub>3</sub> S <sub>2</sub> -Bicyclo[1.1.0]butane: Back-and-Forth, and In-Between. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14118-22	16.4	7
36	[2+2] Cycloadduct of Titanium Silylidene and Benzonitrile. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4224-4227	2.3	5
35	UV-Photoelectron Spectroscopy of a Tetrakis(trimethylsilyl)tetrahedrane and Its Pentafluorophenyl Derivative. <i>ChemPlusChem</i> , <b>2013</b> , 78, 398-401	2.8	5

34	Making a Cyclotrigermene from a Digermene. <i>Organometallics</i> , <b>2011</b> , 30, 4796-4797	3.8	5
33	SiGe <sub>2</sub> and Ge <sub>3</sub> : Cyclic Digermenes that Undergo Unexpected Ring-Expansion Reactions. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6536-6539	3.6	5
32	Cage Compounds of Heavier Group 14 Elements 935-962		5
31	From a (Silatrigerma)cyclobutenylium Ion to a (Silatrigerma)cyclobutenyl Radical and Back. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16455-16460	16.4	5
30	The study of bonding in pyrimidanes [(Me <sub>3</sub> Si) <sub>4</sub> C <sub>4</sub> ]E (E = Ge, Sn, Pb) by optical (Raman, UV-vis) spectroscopy and quantum-chemical methods. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1130, 775-780	3.4	4
29	FOREWORD INTERACTION OF 1-DISILAGERMIRENE WITH CARBONYL COMPOUNDS. <i>Main Group Metal Chemistry</i> , <b>2002</b> , 25, 1-4	1.6	4
28	[2+2] Cycloaddition of the Schrock titanium silylidene and acetylene. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1139-1141	1.7	4
27	Hybrid group 15(E15)-group 14(E14) element cationic pyramidal structures E15[E144(SiR3)4] <sup>+</sup> : A DFT study. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 2054-2057	2	3
26	(Tetragermacyclobutadiene)ruthenium tricarbonyl [4-(But 2MeSi)4Ge4]Ru(CO) <sub>3</sub> . <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 2551-2553	1.7	3
25	From a Si <sub>3</sub> -Cyclopropene to a Si <sub>3</sub> S-Bicyclo[1.1.0]butane to a Si <sub>3</sub> S-Cyclopropene to a Si <sub>3</sub> S <sub>2</sub> -Bicyclo[1.1.0]butane: Back-and-Forth, and In-Between. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 14324-14328	3.6	3
24	Pentagermapyramidane: Crystallizing the Transition-State Structure. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5746-5749	3.6	3
23	1,2-Dibromo-3E1,2,3,4-disiladigermene. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 1351-1355	1	3
22	Heavy Analogs of Carbanions: Si-, Ge-, Sn- and Pb-Centered Anions <b>2010</b> , 89-138		3
21	Group 14 element cationic pentagonal pyramidal complexes Ea[Eb <sub>5</sub> (SiMe <sub>3</sub> ) <sub>5</sub> ] <sup>+</sup> (Ea = Si, Pb, Eb = Si, Ge): A quantum-chemical study. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 609-612	1	2
20	1,1-Dilithiosilanes, 1,1-dilithiogermanes, 1,1-dilithiostannanes and related compounds: Organometallic reagents of the new generation. <i>Mendeleev Communications</i> , <b>2015</b> , 25, 161-167	1.9	2
19	Si <sub>3</sub> S-, Si <sub>3</sub> Se-, Si <sub>3</sub> Te-Bicyclo[1.1.0]butanes and Si <sub>3</sub> S <sub>2</sub> -Bicyclo[1.1.1]pentane. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 1346-1350	1	2
18	Heavy Analogs of Carbenium Ions: Si-, Ge-, Sn- and Pb-Centered Cations <b>2010</b> , 1-43		2
17	Cyclotrimetallenes Consisting of Heavier Group 14 Elements: A New Unsaturated Small Ring System 92-100		2



16	Unsaturated Three-Membered Rings of Heavier Group 14 Elements	903-933		2
15	Ferrocene-Based Phosphenium Ion with Intramolecular Phosphine Coordination. <i>European Journal of Inorganic Chemistry</i> ,		2.3	2
14	Electronic structure and conformational isomerism of the digermene (tBu <sub>2</sub> MeSi) <sub>2</sub> Ge=Ge(SiMe <sub>2</sub> tBu) <sub>2</sub> as studied by temperature-dependent Raman and UV-Vis spectra and quantum-chemistry calculations. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 892, 18-23		2.3	1
13	Tuning Philicity of Dichlorosilylene: Nucleophilic Behavior of the Dichlorosilylene-NHC Complex ClSi-IPr. <i>ACS Omega</i> , <b>2019</b> , 4, 2902-2906		3.9	1
12	Heavy Analogs of Organic Free Radicals: Si-, Ge-, Sn- and Pb-Centered Radicals	<b>2010</b> , 45-88		1
11	From SiO to Alkoxysilanes for the Synthesis of Useful Chemicals.. <i>ACS Omega</i> , <b>2021</b> , 6, 35186-35195		3.9	1
10	Titanium Germylidenes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3951-3955		16.4	1
9	[Pd(4-RSi-IPr)(allyl)Cl]/KCO/EtOH: A Highly Effective Catalytic System for the Suzuki-Miyaura Cross-Coupling Reaction. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 954-955, 122096		2.3	1
8	Theoretical Prediction for Synthetic Realization: Pyramidal Systems ClE[E <sub>2</sub> R <sub>4</sub> ] (E = B, Al, Ga, In, Tl; R = SiMe <sub>3</sub> , SiMe <sub>2</sub> tBu): A DFT Study. <i>Heteroatom Chemistry</i> , <b>2019</b> , 2019, 1-6		1.2	0
7	Heavier Group 14 Element Redox Systems	<b>2015</b> , 545-561		0
6	Titanium Germylidenes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3997-4001		3.6	0
5	Heavy Analogs of Aromatic Compounds	<b>2010</b> , 335-414		
4	Si <sub>3</sub> S-Bicyclo[1.1.0]butane vs. Si <sub>3</sub> S-cyclobutene: an isomeric interplay*. <i>Russian Chemical Bulletin</i> , <b>2021</b> , 70, 2233-2235		1.7	
3	Innenrücktitelbild: Titanium Germylidenes (Angew. Chem. 8/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 4427-4427		3.6	
2	Phosphatetrasilatricyclo[2.1.0.0 <sup>2,5</sup> ]pentane. <i>Mendeleev Communications</i> , <b>2022</b> , 32, 33-34		1.9	
1	Cyclotrimetallenes Consisting of Heavier Group 14 Elements: A New Unsaturated Small Ring System	92-100		