

Takahiro Sasamori

List of Publications by Year in descending order

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402
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402
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times ranked

7411
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#	ARTICLE	IF	CITATIONS
1	Stable Heavier Carbene Analogues. <i>Chemical Reviews</i> , 2009, 109, 3479-3511.	23.0	810
2	Current status and future developments of endohedral metallofullerenes. <i>Chemical Society Reviews</i> , 2012, 41, 7723.	18.7	448
3	Planar Chiral Tetrasubstituted [2.2]Paracyclophane: Optical Resolution and Functionalization. <i>Journal of the American Chemical Society</i> , 2014, 136, 3350-3353.	6.6	310
4	Reproducible Fabrication of Efficient Perovskite-based Solar Cells: X-ray Crystallographic Studies on the Formation of CH ₃ NH ₃ PbI ₃ Layers. <i>Chemistry Letters</i> , 2014, 43, 711-713.	0.7	284
5	Concise Synthesis and Crystal Structure of [12]Cycloparaphenylene. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3244-3248.	7.2	225
6	Reaction of Hydrogen or Ammonia with Unsaturated Germanium or Tin Molecules under Ambient Conditions: Oxidative Addition versus Arene Elimination. <i>Journal of the American Chemical Society</i> , 2009, 131, 16272-16282.	6.6	218
7	Synthesis and Characterization of a Stable Dibismuthene: Evidence for a Bi-Bi Double Bond. <i>Science</i> , 1997, 277, 78-80.	6.0	213
8	Synthesis and Reactions of a Stable 1,2-Diaryl-1,2-dibromodisilene: A Precursor for Substituted Disilenes and a 1,2-Diaryldisilyne. <i>Journal of the American Chemical Society</i> , 2008, 130, 13856-13857.	6.6	211
9	Sn(IV)-free tin perovskite films realized by in situ Sn(0) nanoparticle treatment of the precursor solution. <i>Nature Communications</i> , 2020, 11, 3008.	5.8	196
10	A Unique Crystalline-State Reaction of an Overcrowded Distibene with Molecular Oxygen: The First Example of a Single Crystal to a Single Crystal Reaction with an External Reagent. <i>Journal of the American Chemical Society</i> , 1998, 120, 433-434.	6.6	193
11	Synthesis and Properties of a New Kinetically Stabilized Digermene: New Insights for a Germanium Analogue of an Alkyne. <i>Journal of the American Chemical Society</i> , 2006, 128, 1023-1031.	6.6	191
12	Reactivity of a Disilyne RSi ₂ SiR (R = SiPr[CH(SiMe ₃) ₂] ₂) toward σ -Bonds: Stereospecific Addition and a New Route to an Isolable 1,2-Disilabenzene. <i>Journal of the American Chemical Society</i> , 2007, 129, 7766-7767.	6.6	188
13	Exohedral adducts of La@C ₈₂ . <i>Nature</i> , 1995, 374, 600-601.	13.7	183
14	Crystal Structure of a Stable Silabenzene and Its Photochemical Valence Isomerization into the Corresponding Silabenzvalene. <i>Journal of the American Chemical Society</i> , 2000, 122, 5648-5649.	6.6	159
15	Synthesis and Properties of an Overcrowded Silabenzene Stable at Ambient Temperature. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 634-636.	7.2	150
16	Electrochemistry and Ab Initio Study of the Dimetallofullerene La ₂ @C ₈₀ . <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1094-1096.	4.4	138
17	One-Electron Reduction of Kinetically Stabilized Dipnictenes: Synthesis of Dipnictene Anion Radicals. <i>Journal of the American Chemical Society</i> , 2006, 128, 12582-12588.	6.6	129
18	Doubly bonded systems between heavier Group 15 elements. <i>Dalton Transactions</i> , 2008, , 1395-1408.	1.6	128

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19	Regioselective Ru-Catalyzed Direct 2,5,8,11-Alkylation of Perylene Bisimides. <i>Chemistry - A European Journal</i> , 2009, 15, 7530-7533.	1.7	118
20	Silicon-Silicon Triple Bonds: Do Substituents Make Disilynes Synthetically Accessible?. <i>Organometallics</i> , 1997, 16, 2489-2491.	1.1	113
21	Dilithioplumbole: A Lead-Bearing Aromatic Cyclopentadienyl Analog. <i>Science</i> , 2010, 328, 339-342.	6.0	112
22	Carbide Cluster Metallofullerenes: Structure, Properties, and Possible Origin. <i>Accounts of Chemical Research</i> , 2013, 46, 1627-1635.	7.6	111
23	Borylated Dibenzoborepin: Synthesis by Skeletal Rearrangement and Photochromism Based on Bora-Nazarov Cyclization. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3760-3764.	7.2	106
24	Computing relative stabilities of metallofullerenes by Gibbs energy treatments. <i>Theoretical Chemistry Accounts</i> , 2007, 117, 315-322.	0.5	104
25	Isomeric Forms of Heavier Main Group Hydrides: Experimental and Theoretical Studies of the [Sn(Ar)H] ₂ (Ar = Terphenyl) System. <i>Journal of the American Chemical Society</i> , 2007, 129, 16197-16208.	6.6	102
26	Hexasilabenzene (Si ₆ H ₆). Is the benzene-like D _{6h} structure stable?. <i>Journal of Chemical Physics</i> , 1987, 86, 4513-4517.	1.2	101
27	Synthesis of the First Adducts of the Dimetallofullerenes La ₂ @C ₈₀ and Sc ₂ @C ₈₄ by Addition of a Disilirane. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2139-2141.	4.4	100
28	Syntheses, Structures and Properties of Kinetically Stabilized Distibenes and Dibismuthenes, Novel Doubly Bonded Systems between Heavier Group 15 Elements.. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 661-675.	2.0	97
29	Isolation, Characterization, and Theoretical Study of La ₂ @C ₇₈ . <i>Journal of the American Chemical Society</i> , 2004, 126, 9164-9165.	6.6	96
30	Triple bonds between heavier Group 14 elements. A theoretical approach. <i>Journal of Organometallic Chemistry</i> , 2000, 611, 264-271.	0.8	95
31	The Aromaticity of the Stannole Dianion. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6553-6556.	7.2	90
32	On-Top π - π Stacking of Quasipolar Molecules in Hole-Transporting Materials: Inducing Anisotropic Carrier Mobility in Amorphous Films. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5800-5804.	7.2	87
33	A Stable Neutral Stannaaromatic Compound: Synthesis, Structure and Complexation of a Kinetically Stabilized 2-Stannaphthalene. <i>Journal of the American Chemical Society</i> , 2006, 128, 1050-1051.	6.6	84
34	The multiple bonding in heavier group 14 element alkene analogues is stabilized mainly by dispersion force effects. <i>Chemical Science</i> , 2015, 6, 6235-6244.	3.7	83
35	Synthesis and reactions of new diphosphenes bearing extremely bulky substituents. <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 450-462.	0.9	77
36	Atoms-in-Molecules Analysis of Extended Hypervalent Five-Center, Six-Electron (5c-6e) C ₂ Z ₂ O Interactions at the 1,8,9-Positions of Anthraquinone and 9-Methoxyanthracene Systems. <i>Chemistry - A European Journal</i> , 2007, 13, 255-268.	1.7	77

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37	Reactivity of an aryl-substituted silicon-silicon triple bond: 1,2-disilabenzene from the reactions of a 1,2-diaryldisilyne with alkynes. Dalton Transactions, 2010, 39, 9238.	1.6	74
38	Synthesis, Structures, and Properties of meso-Phosphorylporphyrins: Self-Organization through π -Oxo-Zinc Coordination. Chemistry - A European Journal, 2007, 13, 891-901.	1.7	71
39	Addition of Adamantylidene to La_2C_7 : Isolation and Single-Crystal X-ray Structural Determination of the Monoadducts. Journal of the American Chemical Society, 2008, 130, 983-989.	6.6	71
40	Synthesis and Characterization of a 1,2-Digermabenzene. Organometallics, 2015, 34, 2106-2109.	1.1	68
41	A New Family of Multiple-Bond Compounds between Heavier Group 14 Elements. Bulletin of the Chemical Society of Japan, 2013, 86, 1005-1021.	2.0	67
42	Reactions of Diaryldibromodisilenes with N-Heterocyclic Carbenes: Formation of Formal Bis-NHC Adducts of Silyliumylidene Cations. Chemistry - A European Journal, 2014, 20, 9246-9249.	1.7	67
43	Synthesis, Structures, and Optical Properties of Heterasumanenes Containing Group 14 Elements and Their Related Compounds. European Journal of Organic Chemistry, 2012, 2012, 7135-7142.	1.2	66
44	Much Less Strained Cubane Analogues with Si, Ge, Sn, and Pb Skeletons. Angewandte Chemie International Edition in English, 1989, 28, 329-330.	4.4	64
45	Synthesis, Structures, and Electronic Properties of [8Fe-7S] Cluster Complexes Modeling the Nitrogenase P-Cluster. Journal of the American Chemical Society, 2009, 131, 13168-13178.	6.6	62
46	Reactivity of an Aryl-Substituted Silicon-Silicon Triple Bond: Reactions of a 1,2-Diaryldisilyne with Alkenes. Journal of the American Chemical Society, 2010, 132, 2546-2547.	6.6	61
47	The First Halogen-Substituted Cyclotrigermenes: A Unique Halogen Walk over the Three-Membered Ring Skeleton and Facial Stereoselectivity in the Diels-Alder Reaction. Journal of the American Chemical Society, 2002, 124, 1158-1159.	6.6	59
48	Synthesis and characterization of an extremely hindered tetraaryl-substituted digermene and its unique properties in the solid state and in solution. Polyhedron, 2002, 21, 563-577.	1.0	58
49	Synthesis and structure of stable 1,2-diaryldisilyne. Pure and Applied Chemistry, 2010, 82, 603-612.	0.9	58
50	Synthesis of Kinetically Stabilized 1,2-Dihydrodisilenes. Journal of the American Chemical Society, 2012, 134, 4120-4123.	6.6	58
51	Photochemical Bissilylation of C ₆₀ with Disilane. Journal of Organic Chemistry, 1999, 64, 566-569.	1.7	57
52	Synthesis of a stable stibabismuthene; the first compound with an antimony-bismuth double bond. Chemical Communications, 2000, , 1353-1354.	2.2	56
53	Reaction of a diaryldigermene with ethylene. Chemical Science, 2015, 6, 5526-5530.	3.7	56
54	Reaction of a Stable Digermene with Acetylenes: Synthesis of a 1,2-Digermabenzene and a 1,4-Digermabarrelene. Bulletin of the Chemical Society of Japan, 2016, 89, 1375-1384.	2.0	56

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55	Synthesis and Properties of Stable 1,2-Bis(metallocenyl)disilenes: Novel σ -Conjugated Systems with a Si=Si Double Bond. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 793-805.	2.0	55
56	Structure and Properties of an Overcrowded 1,2-Dibromodigermene. <i>Organometallics</i> , 2005, 24, 3309-3314.	1.1	54
57	Synthesis, Structures, and Electronic Properties of Triple- and Double-Decker Ruthenocenes Incorporated by a Group 14 Metallole Dianion Ligand. <i>Journal of the American Chemical Society</i> , 2014, 136, 13059-13064.	6.6	54
58	(η -4-Butadiene)Sn(0) Complexes: A New Approach for Zero-Valent p-Block Elements Utilizing a Butadiene as a 4 π -Electron Donor. <i>Journal of the American Chemical Society</i> , 2016, 138, 11378-11382.	6.6	54
59	Tetrylones: An Intriguing Class of Monoatomic Zero-Valent Group 14 Compounds. <i>Chemistry - A European Journal</i> , 2018, 24, 9441-9455.	1.7	53
60	Axially Chiral Binaphthyl Surrogates with an Inner N \cdots H \cdots N Hydrogen Bond. <i>Journal of the American Chemical Society</i> , 2009, 131, 54-55.	6.6	52
61	Where Does the Metal Cation Stay in Gd@C _{2v} (9)-C ₈₂ ? A Single-Crystal X-ray Diffraction Study. <i>Inorganic Chemistry</i> , 2012, 51, 5270-5273.	1.9	52
62	Germabenzenylium: A Germanium Analogue of a Phenyl Anion. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4588-4592.	7.2	52
63	A Kinetically Stabilized Ferrocenyl Diphosphene: Synthesis, Structure, Properties, and Redox Behavior. <i>Chemistry - A European Journal</i> , 2004, 10, 6146-6151.	1.7	51
64	A Kinetically Stabilized Stannanetellone, a Tin-Tellurium Double-Bonded Compound. <i>Organometallics</i> , 2006, 25, 3552-3553.	1.1	50
65	Exhaustive Syntheses of Naphthofluoresceins and Their Functions. <i>Journal of Organic Chemistry</i> , 2012, 77, 3492-3500.	1.7	50
66	Expansion of Orifices of Open C ₆₀ Derivatives and Formation of an Open C ₅₉ S Derivative by Reaction with Sulfur. <i>Organic Letters</i> , 2013, 15, 2750-2753.	2.4	50
67	Theory and Calculations of Molecules Containing Heavier Main Group Elements and Fullerenes Encaging Transition Metals: Interplay with Experiment. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 167-195.	2.0	50
68	Insertion of an Overcrowded Silylene into Hydro- and Haloboranes: A Novel Synthesis of Silylborane Derivatives and Their Properties. <i>Organometallics</i> , 2004, 23, 4723-4734.	1.1	49
69	Highly Bent 1,3-Digermasilallene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9920-9923.	7.2	49
70	Sigmatropic Rearrangements of Hypervalent Chlorine-Ethered Intermediates for the Synthesis of Biaryls. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4663-4667.	7.2	49
71	1,2-Bis(ferrocenyl)disilene: A Multistep Redox System with an Si-Si Double Bond. <i>Organometallics</i> , 2008, 27, 3325-3327.	1.1	48
72	Transition structures and barriers for the 1,2-H shifts in diphosphene (HP \rightarrow PH), phosphazene (HP \rightarrow NH), and diimide (HN \rightarrow NH). <i>Chemical Physics Letters</i> , 1986, 126, 531-536.	1.2	47

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73	Theoretical Study of an Isolable Compound with a Short Silicon-Silicon Triple Bond, (tBu ₃ Si) ₂ MeSiSiMe(Si ⁺ tBu ₃) ₂ . <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2775-2778.	1.0	47
74	E ⁺ Z-Photoisomerization of a Diphosphene on Carbonylmetal Complexes (M = Cr, Mo, W). <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 211-212.	4.4	46
75	A Purified, Solvent-Intercalated Precursor Complex for Wide-Process-Window Fabrication of Efficient Perovskite Solar Cells and Modules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9389-9393.	7.2	46
76	Synthesis of Spiro Compounds through Tandem Oxidative Coupling and a Framework Rearrangement Reaction. <i>Organic Letters</i> , 2010, 12, 256-258.	2.4	45
77	Synthesis, Characterization, and CO Elimination of Ferrio-Substituted Two-Coordinate Germylenes and Stannylenes. <i>Organometallics</i> , 2011, 30, 6316-6322.	1.1	45
78	Tin Analogues of Alkynes. Multiply Bonded Structures vs Singly Bonded Structures. <i>Organometallics</i> , 2007, 26, 469-471.	1.1	44
79	1,2-Bis(ferrocenyl)-Substituted Distibene and Dibismuthene: Sb ₂ and Bi ₂ Units as Spacers between Two Ferrocenyl Units. <i>Chemistry - an Asian Journal</i> , 2013, 8, 690-693.	1.7	44
80	Tuning of the photoluminescence and up-conversion photoluminescence properties of single-walled carbon nanotubes by chemical functionalization. <i>Nanoscale</i> , 2016, 8, 16916-16921.	2.8	44
81	Regioselective Cyclotrimerization of Terminal Alkynes Using a Digermene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3499-3503.	7.2	44
82	Is Tetrasilatetrahedrane Kinetically Stable?. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1081-1083.	4.4	43
83	Synthesis and Properties of 1,6-Silabenzene-M(CO) ₃ Complexes (M = Cr, Mo). <i>Organometallics</i> , 2005, 24, 6141-6146.	1.1	43
84	Dispersion Forces, Disproportionation, and Stable High-Valent Late Transition Metal Alkyls. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14766-14769.	7.2	43
85	Synthesis and Structure of the First Stable Phosphabismuthene. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 139-141.	7.2	42
86	Synthesis, structure and characterization of new dithiocarbamate-based mixed ligand oxidovanadium(IV) complexes: DNA/HSA interaction, cytotoxic activity and DFT studies. <i>New Journal of Chemistry</i> , 2020, 44, 10946-10963.	1.4	41
87	Telluradistibirane and Telluradibismirane: Three-Membered Heterocycles of Heavier Main Group Elements. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3717-3720.	7.2	40
88	5-N-Arylaminothiazoles as Highly Twisted Fluorescent Monocyclic Heterocycles: Synthesis and Characterization. <i>Journal of Organic Chemistry</i> , 2015, 80, 10742-10756.	1.7	40
89	Reversible Isomerizations between 1,4-Digermabenzene and 1,4-Digerma-Dewar-benzene: Air-Stable Activators for Small Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 2263-2267.	6.6	39
90	Elektrochemische und ab-initio-Untersuchung des Dimetallofullerens La ₂ @C ₈₀ . <i>Angewandte Chemie</i> , 1995, 107, 1228-1230.	1.6	38

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91	Bottom-Up Synthesis of Optically Active Oligonaphthalenes: Three Different Pathways for Controlling Axial Chirality. <i>Journal of Organic Chemistry</i> , 2006, 71, 6579-6587.	1.7	38
92	Synthesis and Properties of a Kinetically Stabilized 9-Silaphenanthrene. <i>Organometallics</i> , 2007, 26, 4048-4053.	1.1	38
93	Synthesis of 1-Phospha-2-boraacenaphthenes: Reductive 1,2-Aryl Migration of 1-Diarylboryl-8-dichlorophosphinonaphthalenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10940-10943.	7.2	38
94	(2 + 2) Cycloaddition of Benzyne to Endohedral Metallofullerenes $M_{3N}C_{80}$ (M = Sc, Y): A Rotating-Intermediate Mechanism. <i>Journal of the American Chemical Society</i> , 2015, 137, 6820-6828.	6.6	38
95	Activation of Dihydrogen by Masked Doubly Bonded Aluminum Species. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12877-12880.	7.2	38
96	1,4-Diphosphinines from Imidazole-2-thiones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9231-9235.	7.2	38
97	Synthesis and properties of stable 2-metallaphthalenes of heavier group 14 elements. <i>Dalton Transactions</i> , 2008, , 4409.	1.6	37
98	Synthesis and Properties of Butterfly-Shaped Expanded Naphthofuran Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 2625-2631.	1.7	37
99	Inorganic-Salt-Free Reduction in Main-Group Chemistry: Synthesis of a Dibismuthene and a Distibene. <i>Organometallics</i> , 2017, 36, 1224-1226.	1.1	37
100	STRUCTURES OF PHOSPHAETHYLENES AND A 1-PHOSPHAALLENE CONTAINING PHOSPHORUS IN LOWER COORDINATION STATE. <i>Phosphorous and Sulfur and the Related Elements</i> , 1985, 25, 237-243.	0.2	36
101	Synthesis and properties of a stable 6-stannapentafulvene. <i>Chemical Communications</i> , 2005, , 5876.	2.2	36
102	Synthesis and Characterization of Binary-Complex Models of Ureas and 1,3-Dicarbonyl Compounds: Deeper Insights into Reaction Mechanisms Using Snap-Shot Structural Analysis. <i>Journal of Organic Chemistry</i> , 2014, 79, 1805-1817.	1.7	36
103	Activation of Small Molecules by Compounds that Contain Triple Bonds Between Heavier Group 14 Elements. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3800-3817.	1.7	36
104	Diborative Reduction of Alkynes to 1,2-Diboryl-1,2-Dimetalloalkanes: Its Application for the Synthesis of Diverse 1,2-Bis(boronate)s. <i>Organic Letters</i> , 2019, 21, 4739-4744.	2.4	36
105	Synthesis and Isolation of the First Germacyclopropabenzene: A Study to Elucidate the Intrinsic Factor for the Ring Deformation of Cyclopropabenzene Skeletons. <i>Organometallics</i> , 2002, 21, 4309-4311.	1.1	35
106	Synthesis of Bis(germacyclopropa)benzenes and Structures of Their Annelated Benzene Rings. <i>Organometallics</i> , 2006, 25, 230-235.	1.1	35
107	Synthesis and Characterization of Two Isomers of 14-Electron Germaaromatics: Kinetically Stabilized 9-Germaanthracene and 9-Germaphenanthrene. <i>Organometallics</i> , 2006, 25, 3533-3536.	1.1	35
108	The Chemistry of Stable Silabenzenes. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 487-507.	0.8	35

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109	Facile insertion of ethylene into a group 14 element-carbon bond: effects of the HOMO-LUMO energy gap on reactivity. <i>Chemical Communications</i> , 2019, 55, 405-407.	2.2	35
110	Acid-Responsive Absorption and Emission of Arylaminothiazoles: Emission of White Light from a Single Fluorescent Dye and a Lewis Acid. <i>ChemistryOpen</i> , 2016, 5, 434-438.	0.9	34
111	Sila- and Germacyclopropabenzene. <i>Organometallics</i> , 2006, 25, 3522-3532.	1.1	33
112	Kinetically Stabilized 1,1-Bis[(E)-diphosphenyl]ferrocenes: Syntheses, Structures, Properties, and Reactivity. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 1884-1900.	2.0	33
113	Chalcogenation Reactions of Overcrowded Doubly Bonded Systems between Heavier Group 15 Elements. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 2425-2435.	2.0	33
114	1,2-Bis(ferrocenyl)digermene: A π -Electron System Containing a Ge-Ge Unit. <i>Organometallics</i> , 2012, 31, 3904-3910.	1.1	33
115	Helicity-Selective Photoreaction of Single-Walled Carbon Nanotubes with Organosulfur Compounds in the Presence of Oxygen. <i>Journal of the American Chemical Society</i> , 2013, 135, 6356-6362.	6.6	33
116	Synthesis, structure and reactivity of a 1-bromoalumole. <i>Chemical Communications</i> , 2014, 50, 8148.	2.2	33
117	Dispersion-Force-Assisted Disproportionation: A Stable Two-Coordinate Copper(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10444-10447.	7.2	33
118	Systematic Studies on Redox Behavior of Homonuclear Double-bond Compounds of Heavier Group 15 Elements. <i>Chemistry Letters</i> , 2005, 34, 166-167.	0.7	32
119	Unexpected Formation of Triaza-1,4-disilabicyclo[2.2.2]octa-2,5,7-triene Derivatives. <i>Organometallics</i> , 2009, 28, 2658-2660.	1.1	32
120	Synthesis and Structure of a 1-Phosphabenzoboracene Derivative and Its Chalcogenation Reactions. <i>Chemistry - A European Journal</i> , 2014, 20, 3752-3758.	1.7	31
121	Potential molecular semiconductor devices: cyclo-C _n (n = 10 and 14) with higher stabilities and aromaticities than acknowledged cyclo-C ₁₈ . <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4823-4831.	1.3	31
122	Synthesis and Structure of Pentaorganostannate Having Five Carbon Substituents. <i>Journal of the American Chemical Society</i> , 2007, 129, 10974-10975.	6.6	30
123	Synthesis and properties of alkaline metal complexes with new overcrowded λ^2 -diketiminato ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 44-54.	0.8	30
124	Reductive Difunctionalization of Aryl Alkenes with Sodium Metal and Reduction-Resistant Alkoxy-Substituted Electrophiles. <i>Organic Letters</i> , 2020, 22, 2303-2307.	2.4	30
125	Syntheses, Structures, and Properties of the First Stable 1,1-Bis(diphosphenyl)ferrocenes. <i>Chemistry Letters</i> , 2006, 35, 220-221.	0.7	29
126	Formation Mechanisms of Graphitic-N: Oxygen Reduction and Nitrogen Doping of Graphene Oxides. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5673-5681.	1.5	29

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127	Warning to Theoretical Structure Elucidation of Endohedral Metallofullerenes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1275-1283.	1.5	29
128	1,2-Bis(ferrocenyl)dipnictenes: Bimetallic Systems with a Pn=Pn Heavy σ -Spacer (Pn: P, Sb, and Bi). <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 1132-1143.	2.0	28
129	Development of a Red-Light-Controllable Nitric Oxide Releaser to Control Smooth Muscle Relaxation <i>in Vivo</i> . <i>ACS Chemical Biology</i> , 2020, 15, 2958-2965.	1.6	28
130	Insights into the Origins of Configurational Stability of Axially Chiral Biaryl Amines with an Intramolecular N \cdots H \cdots N Hydrogen Bond. <i>Journal of Organic Chemistry</i> , 2010, 75, 5031-5036.	1.7	27
131	A Convenient Route to Synthetic Analogues of the Oxidized Form of High-Potential Iron μ -Sulfur Proteins. <i>Inorganic Chemistry</i> , 2014, 53, 4000-4009.	1.9	27
132	Synthesis of the First Stable Selenadistibirane and Its Molecular Structure. <i>Chemistry Letters</i> , 1998, 27, 725-726.	0.7	26
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