

# Takahiro Sasamori

## List of Publications by Year in descending order

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376  
papers

13,045  
citations

31902

53  
h-index

38300

95  
g-index

402  
all docs

402  
docs citations

402  
times ranked

7411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Multiple Alkylations of C60 Fullerene. <i>Molecules</i> , 2022, 27, 450.	1.7	1
2	Enantioselective reaction of <i>N</i> -cyano imines: decarboxylative Mannich-type reaction with malonic acid half thioesters. <i>Chemical Communications</i> , 2022, 58, 2172-2175.	2.2	6
3	Photoreactions of Sc <sub>3</sub> N@C <sub>80</sub> with Disilirane, Silirane, and Digermirane: A Photochemical Method to Separate Ih and D5h Isomers. <i>Photochem</i> , 2022, 2, 122-137.	1.3	1
4	Amidinate bromogermylene resulting from carbodiimide insertion into Ar-Ge-Br bond. <i>Mendeleev Communications</i> , 2022, 32, 63-65.	0.6	0
5	Synthesis and Structure of a Ferrocenylsilane-Bridged Bisphosphine. <i>Inorganics</i> , 2022, 10, 22.	1.2	0
6	One-Pot Preparation of <i>NH</i> -Phenanthridinones and Amide-Functionalized [7]Helicene-like Molecules from Biaryl Dicarboxylic Acids. <i>Journal of Organic Chemistry</i> , 2022, 87, 5510-5521.	1.7	4
7	New mixed ligand oxidovanadium(IV) complexes: Solution behavior, protein interaction and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2022, 233, 111853.	1.5	10
8	Enthalpically and Entropically Favorable Self-Assembly: Synthesis of C <sub>4</sub> h-Symmetric Tetraazatetrathia[8]circulenes by Regioselective Introduction of Pyridine Rings. <i>Chemistry - A European Journal</i> , 2021, 27, 5675-5682.	1.7	3
9	Anionic Fluorinated Zn-porphyrin Combined with Cationic Endohedral Li-fullerene for Long-Lived Photoinduced Charge Separation with Low Energy Loss. <i>Journal of Physical Chemistry B</i> , 2021, 125, 918-925.	1.2	2
10	Disila- and digermabenzene. <i>Chemical Science</i> , 2021, 12, 6507-6517.	3.7	6
11	Concise Synthesis of an Amide-Functionalized [7]Helicene-like Molecule via Intramolecular Amidation. <i>Heterocycles</i> , 2021, 103, 544.	0.4	2
12	Chemistry of Digermbenzene: Discovery of Ge-catalyzed Cyclotrimerization of Arylalkynes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 465-471.	0.0	0
13	Quadruply BN-Fused Tetrathia[8]circulenes with Flexible Frameworks: Synthesis, Structures and Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 8178-8184.	1.7	9
14	Lithium-bromine exchange reaction on C <sub>60</sub> : first theoretical proposal of a stable singlet fullerene carbene without the heteroatom. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1551-1562.	2.3	3
15	Conformational Control in Dirhodium(II) Paddlewheel Catalysts Supported by Chalcogen-Bonding Interactions for Stereoselective Intramolecular C-H Insertion Reactions. <i>ACS Catalysis</i> , 2021, 11, 568-578.	5.5	15
16	Facile Synthesis and Redox Behavior of an Overcrowded Spirogermabifluorene. <i>Inorganics</i> , 2021, 9, 75.	1.2	0
17	Synthesis of Bridged Indigos and Their Thermoisomerization and Photoisomerization Behaviors. <i>Journal of Organic Chemistry</i> , 2021, 86, 17620-17628.	1.7	4
18	Bioactive 1,1'-unsymmetrical bi-functional ferrocenyl compounds using a novel solvent free one pot multicomponent reaction method. <i>Journal of Organometallic Chemistry</i> , 2020, 908, 121095.	0.8	10

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19	Theoretical Investigation of the Key Roles in Fullerene-Formation Mechanisms: Enantiomer and Enthalpy. ACS Applied Nano Materials, 2020, 3, 547-554.	2.4	14
20	Development of a Red-Light-Controllable Nitric Oxide Releaser to Control Smooth Muscle Relaxation <i>in Vivo</i> . ACS Chemical Biology, 2020, 15, 2958-2965.	1.6	28
21	New Horizons in Chemical Functionalization of Endohedral Metallofullerenes. Molecules, 2020, 25, 3626.	1.7	15
22	Generation of Bis(ferrocenyl)silylenes from Siliranes. Molecules, 2020, 25, 5917.	1.7	3
23	1,2-Insertion reactions of alkynes into Ge-C bonds of arylbromogermylene. Dalton Transactions, 2020, 49, 7189-7196.	1.6	7
24	Ferrocenyl-substituted low-coordinated heavier group 14 elements. Dalton Transactions, 2020, 49, 8029-8035.	1.6	11
25	Synthesis, structure and characterization of new dithiocarbamate-based mixed ligand oxidovanadium(IV) complexes: DNA/HSA interaction, cytotoxic activity and DFT studies. New Journal of Chemistry, 2020, 44, 10946-10963.	1.4	41
26	Covalent interactions depend on the distances between metals and fullerenes for thermodynamically stable $M@C_{78}$ (M = La, Ce, and Sm). Inorganic Chemistry Frontiers, 2020, 7, 2538-2547.	3.0	7
27	Sn(IV)-free tin perovskite films realized by in situ Sn(0) nanoparticle treatment of the precursor solution. Nature Communications, 2020, 11, 3008.	5.8	196
28	Solvent-Dependent Mechanism and Stereochemistry of Mitsunobu Glycosylation with Unprotected Pyranoses. Organic Letters, 2020, 22, 4754-4759.	2.4	16
29	Reductive Difunctionalization of Aryl Alkenes with Sodium Metal and Reduction-Resistant Alkoxy-Substituted Electrophiles. Organic Letters, 2020, 22, 2303-2307.	2.4	30
30	Potential molecular semiconductor devices: cyclo-C <sub>n</sub> ( <i>n</i> = 10 and 14) with higher stabilities and aromaticities than acknowledged cyclo-C <sub>18</sub> . Physical Chemistry Chemical Physics, 2020, 22, 4823-4831.	1.3	31
31	Protonation-Assisted Conjugate Addition of Axially Chiral Enolates: Asymmetric Synthesis of $\beta^2$ -Lactams with Contiguous Tetrasubstituted Stereocenters from $\beta$ -Amino Acids via Memory of Chirality. Heterocycles, 2020, 101, 664.	0.4	4
32	Three-Membered Rings With Two Heteroatoms Including Selenium or Tellurium; Three-Membered Rings With Three Heteroatoms. , 2020, , .		0
33	How to Make Dense and Flat Perovskite Layers for >20% Efficient Solar Cells: Oriented, Crystalline Perovskite Intermediates and Their Thermal Conversion. Bulletin of the Chemical Society of Japan, 2019, 92, 1972-1979.	2.0	17
34	Nature of the E-E <sup>2</sup> interactions (E, E <sup>2</sup> = O, S, Se, and Te) at naphthalene 1,8-positions with fine details of the structures: experimental and theoretical investigations. New Journal of Chemistry, 2019, 43, 14224-14237.	1.4	9
35	Pivotal Role of Nonmetal Atoms in the Stabilities, Geometries, Electronic Structures, and Isoelectronic Chemistry of Sc <sub>3</sub> X@C <sub>80</sub> (X = C, N, and O). Journal of Computational Chemistry, 2019, 40, 2730-2738.	1.5	10
36	Propeller-Shaped Aluminum Complexes with an Azaperylene Core in the Ligands. Inorganics, 2019, 7, 109.	1.2	1

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37	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
38	Reversible Isomerizations between 1,4-Digermabenzenes and 1,4-Digerma-Dewar-benzenes: Air-Stable Activators for Small Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 2263-2267.	6.6	39
39	Selective functionalization of ferrocenyl compounds using a novel solvent free synthetic method for the preparation of bioactive unsymmetrical ferrocenyl derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4838.	1.7	12
40	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
41	Influence of local strain caused by cycloaddition on the band gap control of functionalized single-walled carbon nanotubes. <i>RSC Advances</i> , 2019, 9, 13998-14003.	1.7	20
42	The formation of a 1,4-disilabenzene and its isomerization into a disilabenzvalene derivative. <i>Dalton Transactions</i> , 2019, 48, 9053-9056.	1.6	15
43	A Purified, Solvent-Intercalated Precursor Complex for Wide-Process-Window Fabrication of Efficient Perovskite Solar Cells and Modules. <i>Angewandte Chemie</i> , 2019, 131, 9489-9493.	1.6	5
44	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
45	Structure-efficiency relationship of photoinduced electron transfer-triggered nitric oxide releasers. <i>Scientific Reports</i> , 2019, 9, 1430.	1.6	22
46	Thermodynamic control of quantum defects on single-walled carbon nanotubes. <i>Chemical Communications</i> , 2019, 55, 13757-13760.	2.2	11
47	Regioselective Cyclotrimerization of Terminal Alkynes Using a Digermyne. <i>Angewandte Chemie</i> , 2018, 130, 3557-3561.	1.6	6
48	La-La bonded dimetallofullerenes [La <sub>2</sub> @C <sub>2n</sub> ]: species for stabilizing C <sub>2n</sub> (2n = 92-96) besides La <sub>2</sub> C <sub>2</sub> @C <sub>2n</sub> . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14671-14678.	1.3	10
49	Gewinnung reaktiver Fullerene aus Ru <sup>III</sup> durch exohedrale Derivatisierung. <i>Angewandte Chemie</i> , 2018, 130, 13578-13591.	1.6	2
50	Salvaging Reactive Fullerenes from Soot by Exohedral Derivatization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13394-13405.	7.2	22
51	Sigmatropic Rearrangements of Hypervalent Iodine-Tethered Intermediates for the Synthesis of Biaryls. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4663-4667.	7.2	49
52	Regioselective Cyclotrimerization of Terminal Alkynes Using a Digermyne. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3499-3503.	7.2	44
53	Intermolecular chemo- and regioselective aromatic C-H amination of alkoxyarenes promoted by rhodium nitrenoids. <i>Chemical Communications</i> , 2018, 54, 2264-2267.	2.2	22
54	Tetrylones: An Intriguing Class of Monoatomic Zero-valent Group-14 Compounds. <i>Chemistry - A European Journal</i> , 2018, 24, 9441-9455.	1.7	53

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55	1,2-Dihalodigermenes bearing bulky Eind groups: synthesis, characterization, and conversion to halogermynoids. Dalton Transactions, 2018, 47, 814-822.	1.6	22
56	Synthesis and Structure of a Stable Bis(methylene)â€‹ <sup>4</sup> â€‹sulfane. Chemistry - A European Journal, 2018, 24, 6922-6926.	1.7	10
57	Chalcogenation Reaction of Cyclic Digermenes. Chemistry Letters, 2018, 47, 719-722.	0.7	9
58	A Redoxâ€‹Active Bis(ferrocenyl)germylene and Its Reactivity. Chemistry - A European Journal, 2018, 24, 364-368.	1.7	26
59	Reversible addition of terminal alkenes to digermynes. Chemical Communications, 2018, 54, 519-522.	2.2	19
60	Control of near infrared photoluminescence properties of single-walled carbon nanotubes by functionalization with dendrons. Nanoscale, 2018, 10, 23012-23017.	2.8	15
61	Synthesis of Ferrocenyl-Substituted Organochalcogenyldichlorogermanes. Inorganics, 2018, 6, 68.	1.2	2
62	Synthesis and Structural Properties of Axially Chiral Binaphthothiophene Dicarboxylic Acid. Chemical and Pharmaceutical Bulletin, 2018, 66, 1203-1206.	0.6	7
63	Activation of Small Molecules by Compounds that Contain Triple Bonds Between Heavier Groupâ€‹14 Elements. Chemistry - an Asian Journal, 2018, 13, 3800-3817.	1.7	36
64	Synthesis and Structure of Lewis Baseâ€‹Coordinated Phosphanylalumanes Bearing Pâ€‹H and Alâ€‹Br Moieties. European Journal of Inorganic Chemistry, 2018, 2018, 1984-1987.	1.0	10
65	Synthesis and Characterization of N-Heterocyclic Carbene-Coordinated Silicon Compounds Bearing a Fused-Ring Bulky Eind Group. Inorganics, 2018, 6, 30.	1.2	13
66	Frontispiece: Tetrylones: An Intriguing Class of Monoatomic Zero-valent Groupâ€‹14 Compounds. Chemistry - A European Journal, 2018, 24, .	1.7	0
67	The selective formation of a 1,2-disilabenzene from the reaction of a disilyne with phenylacetylene. Dalton Transactions, 2018, 47, 13318-13322.	1.6	25
68	2,5-Digermaselenophenes: Germanium Analogues of Selenophenes. Journal of the American Chemical Society, 2018, 140, 11206-11209.	6.6	22
69	Adamantylidene Addition to M <sub>3</sub> N@Ihâ€‹80 (M=Sc, Lu) and Sc <sub>3</sub> N@D <sub>5</sub> hâ€‹80: Synthesis and Crystallographic Characterization of the [5,6]â€‹Open and [6,6]â€‹Open Adducts. Chemistry - A European Journal, 2017, 23, 6552-6561.	1.7	18
70	Synthesis, Structure, and First Reactivity Studies of Functional (Phosphinoamino)boranes. European Journal of Inorganic Chemistry, 2017, 2017, 910-914.	1.0	2
71	Germabenzylpotassium: A Germanium Analogue of a Phenyl Anion. Angewandte Chemie - International Edition, 2017, 56, 4588-4592.	7.2	52
72	Germabenzylpotassium: A Germanium Analogue of a Phenyl Anion. Angewandte Chemie, 2017, 129, 4659-4663.	1.6	17

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73	Frontispiece: Effect of Substituents and Initial Degree of Functionalization of Alkylated Single-Walled Carbon Nanotubes on Their Thermal Stability and Photoluminescence Properties. Chemistry - A European Journal, 2017, 23, .	1.7	0
74	Van Der Waals heterogeneous layer-layer carbon nanostructures involving $\pi$ - $\pi$ stacking based on graphene and graphane sheets. Journal of Computational Chemistry, 2017, 38, 730-739.	1.5	14
75	Temperature Dependence of Anisotropic Transient Conductivity of a $\text{La}_{2-x}\text{V}_x\text{C}_{82}$ (Ad) Crystal. Chemistry Letters, 2017, 46, 973-975.	0.7	2
76	Fullerene $\text{C}_{70}$ as a Nanoflask that Reveals the Chemical Reactivity of Atomic Nitrogen. Angewandte Chemie - International Edition, 2017, 56, 6488-6491.	7.2	17
77	Preparation, Structural Determination, and Characterization of Electronic Properties of [5,6]- and [6,6]-Carbosilylated $\text{Sc}_3\text{N@h-C}_{80}$ . Chemistry - an Asian Journal, 2017, 12, 1391-1399.	1.7	7
78	1,4-Diphosphinines from Imidazole-2-thiones. Angewandte Chemie - International Edition, 2017, 56, 9231-9235.	7.2	38
79	Epoxy and Oxidoannulene Oxidation Mechanisms of Fused-Pentagon Chlorofullerenes: Oxides Linked by a Pirouette-Type Transition State. Journal of Organic Chemistry, 2017, 82, 6541-6549.	1.7	2
80	Fused-Pentagon-Configuration-Dependent Electron Transfer of Monotitanium-Encapsulated Fullerenes. Inorganic Chemistry, 2017, 56, 6890-6896.	1.9	4
81	A mechanistic study on cationic Li prompted Diels-Alder cycloaddition of cycloparaphenylene. Organic Chemistry Frontiers, 2017, 4, 1757-1761.	2.3	4
82	Synthesis, Electronic Structure, and Reactivities of Two Sulfur-Stabilized Carbones Exhibiting Four-Electron Donor Ability. Chemistry - A European Journal, 2017, 23, 8694-8702.	1.7	14
83	Pyridinium 5-aminothiazoles: specific photophysical properties and vapochromism in halogenated solvents. RSC Advances, 2017, 7, 18132-18135.	1.7	13
84	Innentitelbild: Germabenzeylpotassium: A Germanium Analogue of a Phenyl Anion (Angew. Chem.)	1.6	10
85	Inorganic-Salt-Free Reduction in Main-Group Chemistry: Synthesis of a Dibismuthene and a Distibene. Organometallics, 2017, 36, 1224-1226.	1.1	37
86	Skeletal Rearrangements of Polycyclic $\beta$ -Ketols. Organic Letters, 2017, 19, 301-303.	2.4	20
87	Asymmetric Intramolecular C-H Insertion Promoted by Dirhodium(II) Carboxylate Catalyst Bearing Axially Chiral Amino Acid Derivatives. Synlett, 2017, 28, 679-683.	1.0	10
88	Deciphering the Role of Long-Range Interaction in Endohedral Metallofullerenes: A Revisit to $\text{Sc}_2\text{C}_{70}$ . Journal of Physical Chemistry C, 2017, 121, 20481-20488.	1.5	6
89	Formation of Phenalenone Skeleton by an Unusual Rearrangement Reaction. Organic Letters, 2017, 19, 4846-4849.	2.4	4
90	Formation of Stone-Wales edge: Multistep reconstruction and growth mechanisms of zigzag nanographene. Journal of Computational Chemistry, 2017, 38, 2241-2247.	1.5	5

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91	Highly Bent 1,3-Digermasilaallene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9920-9923.	7.2	49
92	A computational characterization of CO@C <sub>60</sub> . <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2017, 25, 624-629.	1.0	14
93	Highly Bent 1,3-Digermasilaallene. <i>Angewandte Chemie</i> , 2017, 129, 10052-10055.	1.6	14
94	Stability issues in computational screening of carbon nanostructures: illustrations on La endohedrals. <i>Molecular Simulation</i> , 2017, 43, 1472-1479.	0.9	8
95	Effects of counter anions, P-substituents, and solvents on optical and photophysical properties of 2-phenylbenzo[b]phospholium salts. <i>Dalton Transactions</i> , 2017, 46, 9517-9527.	1.6	18
96	Synthesis and Structures of Zigzag Shaped [12]Cyclo-p-phenylene Composed of Dinaphthofuran Units and Biphenyl Units. <i>Journal of Organic Chemistry</i> , 2017, 82, 7850-7855.	1.7	7
97	Effect of Substituents and Initial Degree of Functionalization of Alkylated Single-Walled Carbon Nanotubes on Their Thermal Stability and Photoluminescence Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 1789-1794.	1.7	17
98	Synthesis and Photoinduced Electron-Transfer Reactions in a La <sub>2</sub> @Ih-C <sub>80</sub> -Phenoxazine Conjugate. <i>ChemPlusChem</i> , 2017, 82, 1067-1072.	1.3	11
99	The (oxalato)aluminate complex as an antimicrobial substance protecting the $\alpha$ -shiro of <i>Tricholoma matsutake</i> from soil micro-organisms. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 102-111.	0.6	10
100	Nature of E <sub>2</sub> X <sub>2</sub> f(4c <sup>6e</sup> ) of the X-E-X type at naphthalene 1,8-positions and model, elucidated by X-ray crystallographic analysis and QC calculations with the QTAIM approach. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 265-275.	0.5	4
101	Eu@C <sub>72</sub> : Computed Comparable Populations of Two Non-IPR Isomers. <i>Molecules</i> , 2017, 22, 1053.	1.7	25
102	Photoreactions of Endohedral Metallofullerene with Siliranes: Electronic Properties of Carbosilylated Lu <sub>3</sub> N@Ih-C <sub>80</sub> . <i>Molecules</i> , 2017, 22, 850.	1.7	3
103	Functionalization of Endohedral Metallofullerenes with Reactive Silicon and Germanium Compounds. <i>Molecules</i> , 2017, 22, 1179.	1.7	12
104	Synthesis of a Dichlorodigermasilane: Double Si-Cl Activation by a Ge=Ge Unit. <i>Inorganics</i> , 2017, 5, 79.	1.2	8
105	Synthesis of a 1-Aryl-2,2-chlorosilyl(phospha)silene Coordinated by an N-Heterocyclic Carbene. <i>Molecules</i> , 2016, 21, 1309.	1.7	11
106	Isolation and Ambident Reactivity of a Chlorogermolenoid. <i>Chemistry - A European Journal</i> , 2016, 22, 13784-13788.	1.7	17
107	Computed Relative Populations of D <sub>2</sub> (22)-C <sub>84</sub> Endohedrals with Encapsulated Monomeric and Dimeric Water. <i>ChemPhysChem</i> , 2016, 17, 1109-1111.	1.0	12
108	Regioselective multistep reconstructions of half-saturated zigzag carbon nanotubes. <i>Journal of Computational Chemistry</i> , 2016, 37, 1363-1366.	1.5	1

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109	Synthesis and Structure of Lewis-Base-Free Phosphinoalumane Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 623-627.	1.0	10
110	Unconventional Electronic Structure and Chlorination/Dechlorination Mechanisms of $C_{60}$ Fullerene. <i>Inorganic Chemistry</i> , 2016, 55, 6827-6829.	1.9	6
111	Dispersion Forces, Disproportionation, and Stable High-Valent Late Transition Metal Alkyls. <i>Angewandte Chemie</i> , 2016, 128, 14986-14989.	1.6	13
112	Reactivities of a barrelene-type dialumane as an equivalent of an Al=Al doubly-bonded species. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 588-590.	0.8	16
113	Acid-Responsive Absorption and Emission of 5-N-Arylaminothiazoles: Emission of White Light from a Single Fluorescent Dye and a Lewis Acid. <i>ChemistryOpen</i> , 2016, 5, 434-438.	0.9	34
114	Frontispiece: Isolation and Ambident Reactivity of a Chlorogermolenoid. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	1
115	$Sc_3N@C_{2s}$ (39715) $\leftrightarrow$ $C_{82}$ : a missing isomer linked to $Sc_3N@C_{2v}$ (39718) $\leftrightarrow$ $C_{82}$ by a single step Stone-Wales transformation. <i>RSC Advances</i> , 2016, 6, 75588-75593.	1.7	4
116	( $\eta$ -4-Butadiene)Sn(0) Complexes: A New Approach for Zero-Valent p-Block Elements Utilizing a Butadiene as a $\sigma$ -Electron Donor. <i>Journal of the American Chemical Society</i> , 2016, 138, 11378-11382.	6.6	54
117	Activation of Dihydrogen by Masked Doubly Bonded Aluminum Species. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12877-12880.	7.2	38
118	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
119	The synthesis and structure of a dianionic species with a bond between pentacoordinated tin atoms: bonding properties of the tin-tin bond. <i>Dalton Transactions</i> , 2016, 45, 19374-19379.	1.6	2
120	$D_{2d}(23)-C_{84}$ versus $Sc_2C_2@D_{2d}(23)-C_{84}$ : Impact of Endohedral $Sc_2C_2$ Doping on Chemical Reactivity in the Photolysis of Diazirine. <i>Journal of the American Chemical Society</i> , 2016, 138, 16523-16532.	6.6	24
121	Thermal Stability of Oxidized Single-Walled Carbon Nanotubes: Competitive Elimination and Decomposition Reaction Depending on the Degree of Functionalization. <i>Chemistry - A European Journal</i> , 2016, 22, 15373-15379.	1.7	9
122	Crystal Structure of 4-Methylbenzenecarbothioic Acid and Computational Investigations of Benzenecarbochalcogenoic Acids ( $C_6H_5COEH$ and $C_6H_5CEOH$ , E = S, Se, Te). <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 361-368.	2.0	2
123	Computational Picture of Silyl Transfer from Silylsilatrane to Arylpalladium Chloride. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 192-194.	2.0	4
124	Reaction of a Stable Digermene with Acetylenes: Synthesis of a 1,2-Digermabenzene and a 1,4-Digermabarrelene. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1375-1384.	2.0	56
125	Crystal Structure of 4-Methylbenzenecarbothioic Acid and Computational Investigations of Benzenecarbochalcogenoic Acids ( $C_6H_5COEH$ and $C_6H_5CEOH$ , E = S, Se, Te). <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 626-626.	2.0	0
126	Synthesis and Structure of an Iron-Bromoalumanyl Complex with a Tri-Coordinated Aluminum Center. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1184-1186.	2.0	21



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127	Stabilization of a Chlorinated $C_{66}$ : $C_{2v}$ Cage by Encapsulating Monometal Species: Coordination between Metal and Double Hexagon-Condensed Pentalenes. <i>Inorganic Chemistry</i> , 2016, 55, 7667-7675.	1.9	3
128	Dispersion-Force-Assisted Disproportionation: A Stable Two-Coordinate Copper(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10444-10447.	7.2	33
129	Dispersion Forces, Disproportionation, and Stable High-Valent Late Transition Metal Alkyls. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14766-14769.	7.2	43
130	The Unanticipated Dimerization of $Ce_{2v}(9)C_{82}$ upon Co-crystallization with Ni(octaethylporphyrin) and Comparison with Monomeric $M_{2v}(9)C_{82}$ (M = La, Sc, and Y). <i>Chemistry - A European Journal</i> , 2016, 22, 18115-18122.	1.7	23
131	Structure Determination of Endohedral Metallofullerenes. <i>Nihon Kessho Gakkaishi</i> , 2016, 58, 73-78.	0.0	0
132	Dispersion-Force-Assisted Disproportionation: A Stable Two-Coordinate Copper(II) Complex. <i>Angewandte Chemie</i> , 2016, 128, 10600-10603.	1.6	10
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