

# Daisuke Hashizume

## List of Publications by Year in descending order

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Version: 2024-02-01

317  
papers

11,515  
citations

23500

58  
h-index

43802

91  
g-index

346  
all docs

346  
docs citations

346  
times ranked

13396  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-powered ultra-flexible electronics via nano-grating-patterned organic photovoltaics. <i>Nature</i> , 2018, 561, 516-521.	13.7	743
2	Printable elastic conductors by in situ formation of silver nanoparticles from silver flakes. <i>Nature Materials</i> , 2017, 16, 834-840.	13.3	578
3	Assemblage and Alignment of the Spins of the Organic Trinitroxide Radical with a Quartet Ground State by Means of Complexation with Magnetic Metal Ions. A Molecule-Based Magnet with Three-Dimensional Structure and HighTCof 46 K. <i>Journal of the American Chemical Society</i> , 1996, 118, 1803-1804.	6.6	325
4	Enhancing the stability of cobalt spinel oxide towards sustainable oxygen evolution in acid. <i>Nature Catalysis</i> , 2022, 5, 109-118.	16.1	236
5	Redox-responsive molecular helices with highly condensed $\pi$ -clouds. <i>Nature Chemistry</i> , 2011, 3, 68-73.	6.6	197
6	Non-volatile organic memory with sub-millimetre bending radius. <i>Nature Communications</i> , 2014, 5, 3583.	5.8	196
7	A stable germanone as the first isolated heavy ketone with a terminal oxygen atom. <i>Nature Chemistry</i> , 2012, 4, 361-365.	6.6	154
8	Photomechanical bending of salicylideneaniline crystals. <i>Chemical Communications</i> , 2011, 47, 11423.	2.2	153
9	Syntheses and Structures of Hypervalent Pentacoordinate Carbon and Boron Compounds Bearing an Anthracene Skeleton $\hat{\alpha}$ Elucidation of Hypervalent Interaction Based on X-ray Analysis and DFT Calculation. <i>Journal of the American Chemical Society</i> , 2005, 127, 4354-4371.	6.6	150
10	Superconductivity in a chiral nanotube. <i>Nature Communications</i> , 2017, 8, 14465.	5.8	143
11	Displacement-Type Ferroelectricity with Off-Center Magnetic Ions in Perovskite $\text{Sr}_{1-x}\text{Ba}_x\text{TiO}_3$ . <i>Physical Review Letters</i> , 2011, 107, 137601.	2.9	142
12	Spectroscopic Studies of the Light-Color Modulation Mechanism of Firefly (Beetle) Bioluminescence. <i>Journal of the American Chemical Society</i> , 2009, 131, 2385-2396.	6.6	133
13	A Highly Active 4-Siloxyproline Catalyst for Asymmetric Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1435-1439.	2.1	125
14	A Planar Rhombic Charge-Separated Tetrasilacyclobutadiene. <i>Science</i> , 2011, 331, 1306-1309.	6.0	125
15	Vapochromic and Mechanochromic Tetrahedral Gold(I) Complexes Based on the 1,2- $\text{Bis}(\text{diphenylphosphino})\text{benzene}$ Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 12114-12126.	1.7	116
16	Diastereo- and Enantioselective Conjugate Addition of $\hat{\alpha}$ -Ketoesters to Nitroalkenes Catalyzed by a Chiral $\text{Ni}(\text{OAc})_2$ Complex under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2010, 132, 4036-4037.	6.6	113
17	Large Nonlinear Effect Observed in the Enantiomeric Excess of Proline in Solution and That in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4593-4597.	7.2	111
18	Mechanistic Studies on the Catalytic Asymmetric Mannich-Type Reaction with Dihydroisoquinolines and Development of Oxidative Mannich-Type Reactions Starting from Tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 2008, 73, 5859-5871.	1.7	111

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19	Highly Stretchable Metallic Nanowire Networks Reinforced by the Underlying Randomly Distributed Elastic Polymer Nanofibers via Interfacial Adhesion Improvement. <i>Advanced Materials</i> , 2019, 31, e1903446.	11.1	106
20	Hydrogenation of Carbon Dioxide and Aryl Isocyanates by a Tetranuclear Tetrahydrido Yttrium Complex. Isolation, Structures, and CO <sub>2</sub> Insertion Reactions of Methylene Diolate and 1/43-Oxo Yttrium Complexes. <i>Journal of the American Chemical Society</i> , 2004, 126, 8080-8081.	6.6	103
21	Highly Durable Nanofiber-Reinforced Elastic Conductors for Skin-Tight Electronic Textiles. <i>ACS Nano</i> , 2019, 13, 7905-7912.	7.3	103
22	Stimulus-Responsive Azobenzene Supramolecules: Fibers, Gels, and Hollow Spheres. <i>Langmuir</i> , 2013, 29, 5869-5877.	1.6	101
23	Asymmetric Fluorolactonization with a Bifunctional Hydroxyl Carboxylate Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 10132-10135.	6.6	98
24	Synthesis and Structure of 16 $\beta$ -Octaalkyltetraphenylporphyrins. <i>Journal of the American Chemical Society</i> , 2005, 127, 14540-14541.	6.6	91
25	A Stable Heterocyclic Amino(phosphanylidene) <sup>4</sup> phosphorane Germylene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4753-4758.	7.2	91
26	Five-membered metallacycloalkynes formed from group 4 metals and [n]cumulene (n= 3,5) ligands. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1307-1326.	9.5	86
27	Wide-Range 2D Lattice Correlation Unveiled for Columnar Assembled Triphenylene Hexacarboxylic Esters. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7990-7993.	7.2	86
28	Dramatic Structural Rearrangements in Porous Coordination Networks. <i>Journal of the American Chemical Society</i> , 2011, 133, 5853-5860.	6.6	84
29	Boron-Boron Bond Formation by Two-Electron Reduction of a H-Bridged Dimer of Monoborane. <i>Journal of the American Chemical Society</i> , 2011, 133, 11058-11061.	6.6	84
30	Fusarisetin A, an Acinar Morphogenesis Inhibitor from a Soil Fungus, <i>Fusarium</i> sp. FN080326. <i>Journal of the American Chemical Society</i> , 2011, 133, 6865-6867.	6.6	84
31	Formation of a Thermally Stable, Porous Coordination Network via a Crystalline-to-Amorphous-to-Crystalline Phase Transition. <i>Journal of the American Chemical Society</i> , 2009, 131, 3860-3861.	6.6	82
32	A Stable Doubly Hydrogen-Bridged Butterfly-Shaped Diborane(4) Compound. <i>Journal of the American Chemical Society</i> , 2010, 132, 8258-8260.	6.6	78
33	Disclosure of the Fairy Ring Forming Fungus <i>Lepista sordida</i> . <i>ChemBioChem</i> , 2010, 11, 1373-1377.	1.3	77
34	Plant-Growth Regulator, Imidazole-4-Carboxamide, Produced by the Fairy Ring Forming Fungus <i>Lepista sordida</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9956-9959.	2.4	76
35	Synthesis and Structure of 1-Zirconacyclopent-3-yne Complexes without Substituents Adjacent to the Triple Bond. <i>Journal of the American Chemical Society</i> , 2004, 126, 60-61.	6.6	75
36	Hydrogen-Bonding-Assisted Self-Doping in Tetrathiafulvalene (TTF) Conductor. <i>Journal of the American Chemical Society</i> , 2009, 131, 9995-10002.	6.6	75

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37	Smart Face Mask Based on an Ultrathin Pressure Sensor for Wireless Monitoring of Breath Conditions. <i>Advanced Materials</i> , 2022, 34, e2107758.	11.1	75
38	I <sup>-</sup> -Conjugated Phosphasilenes Stabilized by Fused-Ring Bulky Groups. <i>Journal of the American Chemical Society</i> , 2009, 131, 13222-13223.	6.6	74
39	Synthesis and Structures of a Series of Bulky Rind-Br-Based on a Rigid Fused-Ring <i>i&gt;s&lt;/i&gt;-Hydrindacene Skeleton. <i>Bulletin of the Chemical Society of Japan</i>, 2011, 84, 1178-1191.</i>	2.0	72
40	Synthesis of a Donor-Stabilized Silacyclopropane. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4426-4430.	7.2	71
41	Synthesis and Characterization of Stable Hypervalent Carbon Compounds (10-C-5) Bearing a 2,6-Bis( <i>p</i> -substituted phenyloxymethyl)benzene Ligand. <i>Journal of the American Chemical Society</i> , 2005, 127, 5893-5901.	6.6	70
42	Triple-Stranded Metallo-Helicenes Addressable as Lloyd's Electron Spin Qubits. <i>Journal of the American Chemical Society</i> , 2010, 132, 6944-6946.	6.6	70
43	Generation of Alkyl Radical through Direct Excitation of Boracene-Based Alkylborate. <i>Journal of the American Chemical Society</i> , 2020, 142, 9938-9943.	6.6	69
44	Ferro- and Antiferromagnetic Coupling Switch Accompanied by Twist Deformation around the Copper(II) and Nitroxide Coordination Bond. <i>Journal of the American Chemical Society</i> , 2010, 132, 11516-11524.	6.6	68
45	Reactions of Diaryldibromodisilenes with N-Heterocyclic Carbenes: Formation of Formal Bis-NHC Adducts of Silyliumylidene Cations. <i>Chemistry - A European Journal</i> , 2014, 20, 9246-9249.	1.7	67
46	Synthesis and Structure of a Hexacoordinate Carbon Compound. <i>Journal of the American Chemical Society</i> , 2008, 130, 6894-6895.	6.6	66
47	Room-Temperature Dissociation of 1,2-Dibromodisilenes to Bromosilylenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 19710-19713.	6.6	66
48	A Selective Instant Synthesis of a Coordination Network and Its Ab Initio Powder Structure Determination. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1269-1271.	7.2	65
49	Anomalous Metallic State in the Vicinity of Metal to Valence-Bond Solid Insulator Transition in $\text{LiVS}_2$ . <i>Physical Review Letters</i> , 2009, 103, 146405.	2.9	65
50	Critical enhancement of thermopower in a chemically tuned polar semimetal $\text{MoTe}_2$ . <i>Science Advances</i> , 2016, 2, e1601378.	4.7	65
51	Catalytic Enantioselective Aldol-type Reaction of $\beta$ -Ketesters with Acetals. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4196-4199.	7.2	64
52	Synthesis, Reactions, and Electronic Properties of 16 I <sup>-</sup> -Electron Octaisobutyltetraphenylporphyrin. <i>Journal of the American Chemical Society</i> , 2010, 132, 12627-12638.	6.6	63
53	Radical-Copper Wheels: Structure and Magnetism of Hexanuclear Hybrid Arrays. <i>Inorganic Chemistry</i> , 2001, 40, 3954-3958.	1.9	62
54	Transformation of a Zirconacyclopentadiene, a Five-Membered Cycloalkyne, into a Zirconacyclopentadiene and Formal $\text{C}_2,3$ -Dienes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5198-5202.	7.2	62

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55	Cyclic (Amino)(Phosphonium Bora $\pi$ Ylide)Silanone: A Remarkable Room $\pi$ Temperature $\pi$ Persistent Silanone. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15916-15920.	7.2	62
56	Thermally-Induced Phase Transition of Pseudorotaxane Crystals: Changes in Conformation and Interaction of the Molecules and Optical Properties of the Crystals. <i>Journal of the American Chemical Society</i> , 2012, 134, 17932-17944.	6.6	61
57	Total Synthesis of ( $\pi$ ) $\pi$ Decarbamoyloxysaxitoxin. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8625-8628.	7.2	60
58	Total syntheses of chaetocin and ent-chaetocin. <i>Tetrahedron</i> , 2011, 67, 6587-6599.	1.0	60
59	$\pi$ -Modified Naphthodithiophene Diimides $\pi$ Molecular Design Strategy for Air-Stable n-Channel Organic Semiconductors. <i>Chemistry of Materials</i> , 2015, 27, 6418-6425.	3.2	60
60	Strong-correlation induced high-mobility electrons in Dirac semimetal of perovskite oxide. <i>Nature Communications</i> , 2019, 10, 362.	5.8	59
61	Synthesis of Kinetically Stabilized 1,2-Dihydrodisilenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 4120-4123.	6.6	58
62	Remarkable Effects of Terminal Groups and Solvents on Helical Folding of <i>o</i> -Phenylene Oligomers. <i>Journal of the American Chemical Society</i> , 2012, 134, 11084-11087.	6.6	58
63	Cyclic (Amino)(Phosphonium Bora $\pi$ Ylide)Silanone: A Remarkable Room $\pi$ Temperature $\pi$ Persistent Silanone. <i>Angewandte Chemie</i> , 2017, 129, 16132-16136.	1.6	57
64	Air-Stable, Room-Temperature Emissive Disilenes with $\pi$ -Extended Aromatic Groups. <i>Journal of the American Chemical Society</i> , 2010, 132, 15162-15163.	6.6	55
65	Superconductivity at 6 K and the Violation of Pauli Limit in Ta <sub>2</sub> Pd <sub>x</sub> S <sub>5</sub> . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 023702.	0.7	54
66	Evidence for Endocyclic Cleavage of Conformationally Restricted Glycopyranosides. <i>Chemistry - A European Journal</i> , 2009, 15, 6894-6901.	1.7	51
67	Macroscopic ordering of helical pores for arraying guest molecules noncentrosymmetrically. <i>Nature Communications</i> , 2015, 6, 8418.	5.8	51
68	A Stable Heterocyclic Amino(phosphanylidene $\pi$ f 4 $\pi$ phosphorane) Germylene. <i>Angewandte Chemie</i> , 2016, 128, 4831-4836.	1.6	51
69	[18]/[20] $\pi$ Hemiporphyrzine: A Redox-Switchable Near-Infrared Dye. <i>Journal of the American Chemical Society</i> , 2012, 134, 190-193.	6.6	50
70	The Lightest Element Phosphoranylidene: NHC $\pi$ Supported Cyclic Borylidene $\pi$ Phosphorane with Significant B=P Character. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4814-4818.	7.2	49
71	Photoluminescent properties and molecular structures of [NaphAu(PPh <sub>3</sub> )] and [ $\pi$ /4-Naph {Au(PPh <sub>3</sub> )} <sub>2</sub> ] ClO <sub>4</sub> (Naph = 2-naphthyl). <i>Dalton Transactions</i> , 2008, , 2248.	1.6	48
72	Photophysical, amplified spontaneous emission and charge transport properties of oligofluorene derivatives in thin films. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16941-16956.	1.3	48

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73	Metal-Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a $C_{10}$ -Symmetric Double-Decker Nanoring. <i>Journal of the American Chemical Society</i> , 2015, 137, 7628-7631.	6.6	48
74	A Crystalline Supramolecular Switch: Controlling the Optical Anisotropy through the Collective Dynamic Motion of Molecules. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4983-4986.	7.2	47
75	Investigation of Organoiron Catalysis in Kumada-Tamayo-Corriu-Type Cross-Coupling Reaction Assisted by Solution-Phase X-ray Absorption Spectroscopy. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 410-418.	2.0	46
76	An Efficient Ultra-Flexible Photo-Charging System Integrating Organic Photovoltaics and Supercapacitors. <i>Advanced Energy Materials</i> , 2020, 10, 2000523.	10.2	46
77	Catalytic asymmetric conjugate reduction with ethanol: A more reactive system Pd(II)-iPr-DUPHOS complex with molecular sieves 4A. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 867-873.	0.8	45
78	Pyrimidine-Bridged Cobalt(II) Complexes with a Chiral 3-D Network Showing Weak Ferromagnetism. <i>Chemistry Letters</i> , 1998, 27, 497-498.	0.7	44
79	(Z)-1,2-Di(1-pyrenyl)disilene: Synthesis, Structure, and Intramolecular Charge-Transfer Emission. <i>Journal of the American Chemical Society</i> , 2016, 138, 758-761.	6.6	44
80	Structural Analysis of Cadmium-Glycylglycine Complexes Studied by X-Ray Diffraction and High Resolution $^{113}\text{Cd}$ and $^{13}\text{C}$ Solid State NMR. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 1579-1586.	2.0	43
81	Direct Arylations for Study of the Air-Stable P-Heterocyclic Biradical: From Wide Electronic Tuning to Characterization of the Localized Radicalic Electrons. <i>Journal of the American Chemical Society</i> , 2013, 135, 17610-17616.	6.6	43
82	An Isolable Diborane(4) Compound with Terminal B-H Bonds: Structural Characteristics and Electronic Properties. <i>Chemistry Letters</i> , 2014, 43, 1587-1589.	0.7	43
83	Preparation of Aryne-Nickel Complexes from ortho-Borylaryl Triflates. <i>Organic Letters</i> , 2016, 18, 5600-5603.	2.4	43
84	Coplanar Oligo(p-phenylenedisilylene)s as Si-Si Analogues of Oligo(p-phenylenevinylene)s: Evidence for Extended $\pi$ -Conjugation through the Carbon and Silicon Frameworks. <i>Journal of the American Chemical Society</i> , 2015, 137, 15026-15035.	6.6	42
85	Proline-Mediated Enantioselective Construction of Tetrahydropyrans via a Domino Aldol/Acetalization Reaction. <i>Organic Letters</i> , 2008, 10, 1445-1448.	2.4	41
86	Tetracene Dicarboxylic Imide and Its Disulfide: Synthesis of Ambipolar Organic Semiconductors for Organic Photovoltaic Cells. <i>Chemistry - an Asian Journal</i> , 2012, 7, 105-111.	1.7	41
87	Catalytic Enantioselective [3 + 2] Cycloaddition of $\alpha$ -Keto Ester Enolates and Nitrile Oxides. <i>Journal of the American Chemical Society</i> , 2017, 139, 8661-8666.	6.6	40
88	Ferro- and Ferrimagnetic Chains of $\mu$ -Bridged Copper(II) and Manganese(II) and $\mu$ -Bridged Manganese(II) Complexes ( $\mu$ = 4,4,5,5-Tetramethylimidazolin-1-oxyl; $\mu$ = $\text{C}_6\text{H}_4$ , $\text{C}_6\text{H}_2$ , $\text{C}_6\text{H}_3$ , $\text{C}_6\text{H}_4$ , $\text{C}_6\text{H}_5$ , $\text{C}_6\text{H}_6$ , $\text{C}_6\text{H}_7$ , $\text{C}_6\text{H}_8$ , $\text{C}_6\text{H}_9$ , $\text{C}_6\text{H}_{10}$ , $\text{C}_6\text{H}_{11}$ , $\text{C}_6\text{H}_{12}$ , $\text{C}_6\text{H}_{13}$ , $\text{C}_6\text{H}_{14}$ , $\text{C}_6\text{H}_{15}$ , $\text{C}_6\text{H}_{16}$ , $\text{C}_6\text{H}_{17}$ , $\text{C}_6\text{H}_{18}$ , $\text{C}_6\text{H}_{19}$ , $\text{C}_6\text{H}_{20}$ , $\text{C}_6\text{H}_{21}$ , $\text{C}_6\text{H}_{22}$ , $\text{C}_6\text{H}_{23}$ , $\text{C}_6\text{H}_{24}$ , $\text{C}_6\text{H}_{25}$ , $\text{C}_6\text{H}_{26}$ , $\text{C}_6\text{H}_{27}$ , $\text{C}_6\text{H}_{28}$ , $\text{C}_6\text{H}_{29}$ , $\text{C}_6\text{H}_{30}$ , $\text{C}_6\text{H}_{31}$ , $\text{C}_6\text{H}_{32}$ , $\text{C}_6\text{H}_{33}$ , $\text{C}_6\text{H}_{34}$ , $\text{C}_6\text{H}_{35}$ , $\text{C}_6\text{H}_{36}$ , $\text{C}_6\text{H}_{37}$ , $\text{C}_6\text{H}_{38}$ , $\text{C}_6\text{H}_{39}$ , $\text{C}_6\text{H}_{40}$ , $\text{C}_6\text{H}_{41}$ , $\text{C}_6\text{H}_{42}$ , $\text{C}_6\text{H}_{43}$ , $\text{C}_6\text{H}_{44}$ , $\text{C}_6\text{H}_{45}$ , $\text{C}_6\text{H}_{46}$ , $\text{C}_6\text{H}_{47}$ , $\text{C}_6\text{H}_{48}$ , $\text{C}_6\text{H}_{49}$ , $\text{C}_6\text{H}_{50}$ , $\text{C}_6\text{H}_{51}$ , $\text{C}_6\text{H}_{52}$ , $\text{C}_6\text{H}_{53}$ , $\text{C}_6\text{H}_{54}$ , $\text{C}_6\text{H}_{55}$ , $\text{C}_6\text{H}_{56}$ , $\text{C}_6\text{H}_{57}$ , $\text{C}_6\text{H}_{58}$ , $\text{C}_6\text{H}_{59}$ , $\text{C}_6\text{H}_{60}$ , $\text{C}_6\text{H}_{61}$ , $\text{C}_6\text{H}_{62}$ , $\text{C}_6\text{H}_{63}$ , $\text{C}_6\text{H}_{64}$ , $\text{C}_6\text{H}_{65}$ , $\text{C}_6\text{H}_{66}$ , $\text{C}_6\text{H}_{67}$ , $\text{C}_6\text{H}_{68}$ , $\text{C}_6\text{H}_{69}$ , $\text{C}_6\text{H}_{70}$ , $\text{C}_6\text{H}_{71}$ , $\text{C}_6\text{H}_{72}$ , $\text{C}_6\text{H}_{73}$ , $\text{C}_6\text{H}_{74}$ , $\text{C}_6\text{H}_{75}$ , $\text{C}_6\text{H}_{76}$ , $\text{C}_6\text{H}_{77}$ , $\text{C}_6\text{H}_{78}$ , $\text{C}_6\text{H}_{79}$ , $\text{C}_6\text{H}_{80}$ , $\text{C}_6\text{H}_{81}$ , $\text{C}_6\text{H}_{82}$ , $\text{C}_6\text{H}_{83}$ , $\text{C}_6\text{H}_{84}$ , $\text{C}_6\text{H}_{85}$ , $\text{C}_6\text{H}_{86}$ , $\text{C}_6\text{H}_{87}$ , $\text{C}_6\text{H}_{88}$ , $\text{C}_6\text{H}_{89}$ , $\text{C}_6\text{H}_{90}$ , $\text{C}_6\text{H}_{91}$ , $\text{C}_6\text{H}_{92}$ , $\text{C}_6\text{H}_{93}$ , $\text{C}_6\text{H}_{94}$ , $\text{C}_6\text{H}_{95}$ , $\text{C}_6\text{H}_{96}$ , $\text{C}_6\text{H}_{97}$ , $\text{C}_6\text{H}_{98}$ , $\text{C}_6\text{H}_{99}$ , $\text{C}_6\text{H}_{100}$ , $\text{C}_6\text{H}_{101}$ , $\text{C}_6\text{H}_{102}$ , $\text{C}_6\text{H}_{103}$ , $\text{C}_6\text{H}_{104}$ , $\text{C}_6\text{H}_{105}$ , $\text{C}_6\text{H}_{106}$ , $\text{C}_6\text{H}_{107}$ , $\text{C}_6\text{H}_{108}$ , $\text{C}_6\text{H}_{109}$ , $\text{C}_6\text{H}_{110}$ , $\text{C}_6\text{H}_{111}$ , $\text{C}_6\text{H}_{112}$ , $\text{C}_6\text{H}_{113}$ , $\text{C}_6\text{H}_{114}$ , $\text{C}_6\text{H}_{115}$ , $\text{C}_6\text{H}_{116}$ , $\text{C}_6\text{H}_{117}$ , $\text{C}_6\text{H}_{118}$ , $\text{C}_6\text{H}_{119}$ , $\text{C}_6\text{H}_{120}$ , $\text{C}_6\text{H}_{121}$ , $\text{C}_6\text{H}_{122}$ , $\text{C}_6\text{H}_{123}$ , $\text{C}_6\text{H}_{124}$ , $\text{C}_6\text{H}_{125}$ , $\text{C}_6\text{H}_{126}$ , $\text{C}_6\text{H}_{127}$ , $\text{C}_6\text{H}_{128}$ , $\text{C}_6\text{H}_{129}$ , $\text{C}_6\text{H}_{130}$ , $\text{C}_6\text{H}_{131}$ , $\text{C}_6\text{H}_{132}$ , $\text{C}_6\text{H}_{133}$ , $\text{C}_6\text{H}_{134}$ , $\text{C}_6\text{H}_{135}$ , $\text{C}_6\text{H}_{136}$ , $\text{C}_6\text{H}_{137}$ , $\text{C}_6\text{H}_{138}$ , $\text{C}_6\text{H}_{139}$ , $\text{C}_6\text{H}_{140}$ , $\text{C}_6\text{H}_{141}$ , $\text{C}_6\text{H}_{142}$ , $\text{C}_6\text{H}_{143}$ , $\text{C}_6\text{H}_{144}$ , $\text{C}_6\text{H}_{145}$ , $\text{C}_6\text{H}_{146}$ , $\text{C}_6\text{H}_{147}$ , $\text{C}_6\text{H}_{148}$ , $\text{C}_6\text{H}_{149}$ , $\text{C}_6\text{H}_{150}$ , $\text{C}_6\text{H}_{151}$ , $\text{C}_6\text{H}_{152}$ , $\text{C}_6\text{H}_{153}$ , $\text{C}_6\text{H}_{154}$ , $\text{C}_6\text{H}_{155}$ , $\text{C}_6\text{H}_{156}$ , $\text{C}_6\text{H}_{157}$ , $\text{C}_6\text{H}_{158}$ , $\text{C}_6\text{H}_{159}$ , $\text{C}_6\text{H}_{160}$ , $\text{C}_6\text{H}_{161}$ , $\text{C}_6\text{H}_{162}$ , $\text{C}_6\text{H}_{163}$ , $\text{C}_6\text{H}_{164}$ , $\text{C}_6\text{H}_{165}$ , $\text{C}_6\text{H}_{166}$ , $\text{C}_6\text{H}_{167}$ , $\text{C}_6\text{H}_{168}$ , 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#	ARTICLE	IF	CITATIONS
91	Metal-Insulator Transition in a Pyrochlore-type Ruthenium Oxide, Hg <sub>2</sub> Ru <sub>2</sub> O <sub>7</sub> . Journal of the Physical Society of Japan, 2007, 76, 043703.	0.7	38
92	Isolated Monomeric and Dimeric Mixed Diorganocuprates Based on the Size-Controllable Bulky $\pi$ -Conjugated Ligands. Journal of the American Chemical Society, 2009, 131, 18024-18025.	6.6	38
93	General synthesis, structure, and optical properties of benzothiophene-fused benzoheteroles containing Group 15 and 16 elements. Tetrahedron, 2016, 72, 8085-8090.	1.0	38
94	Naked d-orbital in a centrochiral Ni(II) complex as a catalyst for asymmetric [3+2] cycloaddition. Nature Communications, 2017, 8, 14875.	5.8	38
95	The molecular and electronic structures of a thioaroyl cation formed by borinium ion-mediated C=C double bond cleavage of CS <sub>2</sub> . Chemical Communications, 2015, 51, 13342-13345.	2.2	37
96	Low-Temperature Magnets M[N(CN) <sub>2</sub> ] <sub>2</sub> (pyrimidine) (M = Fe and Co) with a 3-D Network. Chemistry Letters, 2000, 29, 1146-1147.	0.7	36
97	Thickness Dependence of the Ambipolar Charge Transport Properties in Organic Field-Effect Transistors based on a Quinoidal Oligothiophene Derivative. Journal of Physical Chemistry C, 2011, 115, 20703-20709.	1.5	36
98	Ab Initio Powder Diffraction Structure Analysis of a Host-Guest Network: Short Contacts between Tetrathiafulvalene Molecules in a Pore. Angewandte Chemie - International Edition, 2011, 50, 6105-6108.	7.2	36
99	$\pi$ -Disrupt and induce $\pi$ -intermolecular interactions to rationally design organic semiconductor crystals: from herringbone to rubrene-like pitched $\pi$ -stacking. Chemical Science, 2020, 11, 1573-1580.	3.7	36
100	Effect of Periodic Replacement of the Heteroatom on the Spectroscopic Properties of Indole and Benzofuran Derivatives. Journal of Physical Chemistry A, 2009, 113, 464-473.	1.1	34
101	Durable Ultraflexible Organic Photovoltaics with Novel Metal-Oxide-Free Cathode. Advanced Functional Materials, 2019, 29, 1808378.	7.8	34
102	Reversible Haptotropic Shift in Zirconocene-Hexapentaene Complexes. Journal of the American Chemical Society, 2009, 131, 2050-2051.	6.6	33
103	The Lightest Element Phosphoranylidene: NHC-Supported Cyclic Borylidene-Phosphorane with Significant B=P Character. Angewandte Chemie, 2017, 129, 4892-4896.	1.6	33
104	Synthesis of $\langle i \rangle$ CH <sub>2</sub> -Linked $\hat{\pm}$ (2,3)-Sialylgalactose Analogue: On the Stereoselectivity of the Key Ireland-Claisen Rearrangement. Organic Letters, 2008, 10, 4167-4170.	2.4	32
105	Unusual conformational preference of an aromatic secondary urea: solvent-dependent open-closed conformational switching of N,N <sup>2</sup> -bis(porphyrinyl)urea. Chemical Communications, 2013, 49, 2290-2292.	2.2	31
106	Phosphorus( $\langle scpv \rangle$ ) tetraazaporphyrins: porphyrinoids showing an exceptionally strong CT band between the Soret and Q bands. Chemical Science, 2014, 5, 2466-2474.	3.7	31
107	Metal-Porphyrin Orbital Interactions in Highly Saddled Low-Spin Iron(III) Porphyrin Complexes. Inorganic Chemistry, 2007, 46, 8193-8207.	1.9	30
108	Metal-insulator transition and superconductivity induced by Rh doping in the binary pnictides $\text{Ru}_{1-x}\text{Rh}_x\text{P}_2$	1.1	30



#	ARTICLE	IF	CITATIONS
109	18 <sup>+</sup> Electron Tautomeric Benzophthalocyanine: A Functional Near-Infrared Dye with Tunable Aromaticity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7814-7818.	7.2	30
110	Polar metal phase stabilized in strained La-doped BaTiO <sub>3</sub> films. <i>Scientific Reports</i> , 2017, 7, 4631.	1.6	30
111	Copper-Mediated C–C Cross-Coupling Reaction of Monocarbonyl dodecaborate Anion for the Synthesis of Functional Molecules. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8017-8021.	7.2	29
112	Novel spin transition between S = 1 and S = 2 in highly saddled iron(III) porphyrin complexes at extremely low temperatures. <i>Chemical Communications</i> , 2006, , 1935.	2.2	28
113	Epitaxially stabilized iridium spinel oxide without cations in the tetrahedral site. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	28
114	Neutral and Cationic Gold(I) Complexes with $\pi$ -Conjugated Phosphasilene Ligands. <i>Organometallics</i> , 2011, 30, 3453-3456.	1.1	28
115	Ambipolar organic field-effect transistors based on solution-processed single crystal microwires of a quinoidal oligothiophene derivative. <i>Chemical Communications</i> , 2015, 51, 5836-5839.	2.2	28
116	Stachybotrysin, an Osteoclast Differentiation Inhibitor from the Marine-Derived Fungus <i>Stachybotrys</i> sp. KCB13F013. <i>Journal of Natural Products</i> , 2016, 79, 2703-2708.	1.5	28
117	An experimental electron density study on $\epsilon$ -1-zirconacyclopent-3-yne. <i>Chemical Communications</i> , 2006, , 1233.	2.2	27
118	Superconductivity in 4d and 5d transition metal layered pnictides BaRh <sub>2</sub> P <sub>2</sub> , BaIr <sub>2</sub> P <sub>2</sub> and SrIr <sub>2</sub> As <sub>2</sub> . <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S296-S297.	0.6	27
119	Synthesis, Characterization, and Spectroscopic Analysis of Antiaromatic Benzofused Metalloporphyrins. <i>Chemistry - A European Journal</i> , 2012, 18, 3566-3581.	1.7	27
120	Highly bent crystals formed by restrained $\pi$ -stacked columns connected via alkylene linkers with variable conformations. <i>Chemical Science</i> , 2015, 6, 2354-2359.	3.7	27
121	Donor-Stabilized Silylene/Phosphine-Supported Carbon(0) Center with High Electron Density. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6891-6895.	7.2	27
122	Mechanism of asymmetric photocyclization of $\alpha$ -oxoamides. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 61-66.	0.9	26
123	$A_{1g}$ -Type Antiferro-Orbital Ordering with $d_{xy}$ and Geometrical Frustration in the Spinel Vanadate $\text{LiV}_2\text{O}_4$ . <i>Physical Review Letters</i> , 2017, 118, 077201.	2.9	26
124	A stable free tetragermacyclobutadiene incorporating fused-ring bulky EMind groups. <i>Chemical Communications</i> , 2018, 54, 2200-2203.	2.2	26
125	Bulk quantum Hall effect of spin-valley coupled Dirac fermions in the polar antiferromagnet BaMnSb <sub>2</sub> . <i>Physical Review B</i> , 2020, 101, .	1.1	26
126	Synthesis and structure of 1-metallacyclopent-3-yne complexes of group 4 metals. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1175-1182.	0.8	25



#	ARTICLE	IF	CITATIONS
127	Synthesis and fluorescence properties of difluoro[amidopyrazinato-O,N]boron derivatives: a new boron-containing fluorophore. <i>Tetrahedron Letters</i> , 2010, 51, 1613-1615.	0.7	25
128	Aluminepin: Aluminum Analogues of Borepin and Gallepin. <i>Journal of Organic Chemistry</i> , 2012, 77, 729-732.	1.7	25
129	Highly Coplanar (<i>E</i>)-1,2-Di(1-naphthyl)disilene Involving a Distinct CH $\cdots$ F Interaction with the Perpendicularly Oriented Protecting End Group. <i>Chemistry Letters</i> , 2014, 43, 432-434.	0.7	25
130	Diameter-Dependent Superconductivity in Individual WS <sub>2</sub> Nanotubes. <i>Nano Letters</i> , 2018, 18, 6789-6794.	4.5	25
131	The selective formation of a 1,2-disilabenzene from the reaction of a disilyne with phenylacetylene. <i>Dalton Transactions</i> , 2018, 47, 13318-13322.	1.6	25
132	A Tetrasilicon Analogue of Bicyclo[1.1.0]butane (3)ene Containing a Si=Si Double Bond with an Inverted Geometry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4371-4375.	7.2	25
133	Alkyl-Substituted Selenium-Bridged V-Shaped Organic Semiconductors Exhibiting High Hole Mobility and Unusual Aggregation Behavior. <i>Journal of the American Chemical Society</i> , 2020, 142, 14974-14984.	6.6	25
134	Direct gold bonding for flexible integrated electronics. <i>Science Advances</i> , 2021, 7, eabl6228.	4.7	25
135	Synthesis and biological activity of both enantiomers of kujigamberol isolated from 85-million-years-old Kuji amber. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4259-4262.	1.0	24
136	Fused-Fluoran Leuco Dyes with Large Color-Change Derived from Two-Step Equilibrium: <i>iso</i>-Aminobenzopyranoxanthenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 12046-12051.	1.7	24
137	Mechanochromic and Color-change Properties of 2,6-Di(2-pyridyl)benzo[1,2- <i>b&lt;/i&gt;:4,5-<i>b&lt;/i&gt;']difuran in the Solid and Solution. <i>Chemistry Letters</i>, 2011, 40, 576-578.</i></i>	0.7	23
138	1-[(E)-3-sec-Butyl-4-(4-ethoxy-3,5-diethylbiphenyl-4-yl)diazanyl]phenoxy]hexadecane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3001-o3003.	0.2	22
139	Phosphorescence Color Alteration by Changing Counter Anions on Tetrahedral Gold(I) Complexes; Intra- and Interligand $\pi$ - $\pi$ Interactions. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3708-3711.	1.0	22
140	Endoplasmic reticulum (ER) stress protecting compounds from the mushroom <i>Mycocleptodonoides aitchisonii</i> . <i>Tetrahedron</i> , 2009, 65, 221-224.	1.0	22
141	Octaminomycins A and B, Cyclic Octadepsipeptides Active against <i>Plasmodium falciparum</i> . <i>Journal of Natural Products</i> , 2017, 80, 134-140.	1.5	22
142	1,2-Dihalodigermenes bearing bulky End groups: synthesis, characterization, and conversion to halogermolenoids. <i>Dalton Transactions</i> , 2018, 47, 814-822.	1.6	22
143	Ligand and Solvent Effects on Hole Transport in Colloidal Quantum Dot Assemblies for Electronic Devices. <i>ACS Applied Nano Materials</i> , 2018, 1, 5217-5225.	2.4	22
144	Crystallization and Polymorphism of Organic Semiconductor in Thin Film Induced by Surface Segregated Monolayers. <i>Scientific Reports</i> , 2018, 8, 481.	1.6	21

#	ARTICLE	IF	CITATIONS
145	<sc>L</sc>-Asparagine. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3802-o3803.	0.2	20
146	The Synthesis of Highly Coplanar Oligothiophenes Induced by Bulky Rind Groups. Chemistry - an Asian Journal, 2011, 6, 350-354.	1.7	20
147	A Stable $\eta^5$ -Hetero $\eta^5$ -Metallacyclic Silylene. Angewandte Chemie - International Edition, 2019, 58, 10310-10314.	7.2	20
148	Structure of GlyGly peptide in the crystalline state as studied by X-ray diffraction and solid state $^{13}\text{C}$ -NMR methods. Biopolymers, 1998, 45, 333-339.	1.2	19
149	Intermolecular ferromagnetic interaction in the crystal of a diphenyl nitroxide derivative. The role of spin-polarized hydrogen atoms located near a neighboring $\text{N}=\text{O}$ site. Chemical Physics Letters, 1999, 302, 125-131.	1.2	19
150	Optical Resolution and Absolute Configuration of Branched 4-Nonylphenol Isomers and Their Estrogenic Activities. Journal of Health Science, 2007, 53, 177-184.	0.9	19
151	A new $\epsilon$ -zero-strain material for electrochemical lithium insertion. Journal of Materials Chemistry A, 2013, 1, 6550.	5.2	19
152	Unique features of chiral palladium enolates derived from $\beta^2$ -ketoamide: structure and catalytic asymmetric Michael and $\text{C}-\text{F}$ fluorination reactions. Tetrahedron, 2015, 71, 6594-6601.	1.0	19
153	Large Variation of Dirac Semimetal State in Perovskite $\text{CaIrO}_3$ with Pressure-Tuning of Electron Correlation. Physical Review Letters, 2019, 123, 216601.	2.9	19
154	Synthesis of a Stable $\eta^5$ -Hetero $\eta^5$ -Metallacyclic Silanone. Angewandte Chemie - International Edition, 2020, 59, 15937-15941.	7.2	19
155	Long Carbon-Carbon Bonding beyond 2 Å... in Tris(9-fluorenylidene)methane. Journal of the American Chemical Society, 2021, 143, 14360-14366.	6.6	19
156	Lewis acid-mediated Suzuki-Miyaura cross-coupling reaction. Nature Catalysis, 2021, 4, 1080-1088.	16.1	19
157	Hitoyol A and B, Two Norsesquiterpenoids from the Basidiomycete <i>Coprinopsis cinerea</i> . Organic Letters, 2017, 19, 4030-4033.	2.4	18
158	Photophysics and photochemistry of biphenyl triphenylphosphine gold(I) complexes. Chemical Physics Letters, 2007, 436, 89-93.	1.2	17
159	Exciton diffusion in near-infrared absorbing solution-processed organic thin films. Physical Chemistry Chemical Physics, 2013, 15, 2867.	1.3	17
160	Reversibility of 3-Phenyl-2-oxindole Dimer Formation: Application to Construct Compounds with Two Distinct Vicinal All-Carbon Quaternary Centers. Heterocycles, 2017, 95, 1030.	0.4	17
161	Chiral crystal-like droplets displaying unidirectional rotational sliding. Nature Materials, 2019, 18, 266-272.	13.3	17
162	Structures and Photoreactivities of N-Isopropyl-N-methylphenylglyoxylamide Included in Two Clathrate Crystals as a Guest. Bulletin of the Chemical Society of Japan, 1994, 67, 985-993.	2.0	16

#	ARTICLE	IF	CITATIONS
163	[Pt(topy)(Htopy)(ONO <sub>2</sub> )] complex (Htopy = 2- <i>t</i> -tolylpyridine) and its analogs: <sup>195</sup> Pt NMR spectra and fabrication of light-emitting devices. <i>Applied Organometallic Chemistry</i> , 2009, 23, 154-160.	1.7	16
164	Organic Solar Cells with Controlled Nanostructures Based on Microphase Separation of Fullerene-Attached Thiophene-Selenophene Heteroblock Copolymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4758-4768.	4.0	16
165	Mechanism of the first-order phase transition of an acylurea derivative: observation of intermediate stages of transformation with a detailed temperature-resolved single-crystal diffraction method. <i>Acta Crystallographica Section B: Structural Science</i> , 2003, 59, 404-415.	1.8	15
166	Asymmetric Mannich Reaction of $\alpha$ -Keto Imines Catalyzed by Diarylprolinol Silyl Ether. <i>Chemistry - A European Journal</i> , 2013, 19, 7678-7681.	1.7	15
167	Thin reduced graphene oxide interlayer with a conjugated block copolymer for high performance non-volatile ferroelectric polymer memory. <i>Organic Electronics</i> , 2014, 15, 2719-2727.	1.4	15
168	Unraveling the Electronic Structure of Azolehemiporphyrazines: Direct Spectroscopic Observation of Magnetic Dipole Allowed Nature of the Lowest $\pi$ - $\pi^*$ Transition of 20-Electron Porphyrinoids. <i>Journal of Physical Chemistry A</i> , 2014, 118, 4415-4424.	1.1	15
169	Synthesis and Structural Characteristics of Discrete Organoboron and Organoaluminum Hydrides Incorporating Bulky End Groups. <i>Organometallics</i> , 2016, 35, 3397-3405.	1.1	15
170	Formation of an Isolable Divinylboronium Ion through Twofold 1,2-Carboboration between a Diarylboronium Ion and Diphenylacetylene. <i>Angewandte Chemie</i> , 2017, 129, 5396-5400.	1.6	15
171	Superconductivity at the Polar-Nonpolar Phase Boundary of SnP with an Unusual Valence State. <i>Physical Review Letters</i> , 2017, 119, 207001.	2.9	15
172	$\alpha$ -Dumbbell- and $\alpha$ -Clackers-Shaped Dimeric Derivatives of Monocarbonyl-dodecaborate. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1501-1504.	7.2	15
173	1,1,6,6-Tetrakis(4-ethylphenyl)-1,2,3,4,5-hexapentaene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3436-o3436.	0.2	14
174	Ten Layered Hexagonal Perovskite Sr <sub>5</sub> Ru <sub>5</sub> xO <sub>15</sub> (x = 0.90), a Weak Ferromagnet with a Giant Coercive Field $H_c \sim 12$ T. <i>Chemistry of Materials</i> , 2010, 22, 5712-5717.	3.2	14
175	Kinetically Controlled One-Pot Formation of DEFGH-Rings of Type B Physalins through Domino-Type Transformations. <i>Organic Letters</i> , 2012, 14, 3434-3437.	2.4	14
176	Interface-induced crystallization and nanostructure formation of [6,6]-phenyl-C <sub>61</sub> -butyric acid methyl ester (PCBM) in polymer blend films and its application in photovoltaics. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3335-3341.	5.2	14
177	Band engineering, carrier density control, and enhanced thermoelectric performance in multi-doped SnTe. <i>APL Materials</i> , 2019, 7, .	2.2	14
178	Activator-Promoted Aryl Halide-Dependent Chemoselective Buchwald-Hartwig and Suzuki-Miyaura Type Cross-Coupling Reactions. <i>Organic Letters</i> , 2020, 22, 4797-4801.	2.4	14
179	Ganglioside GM3 Analogues Containing Monofluoromethylene-Linked Sialoside: Synthesis, Stereochemical Effects, Conformational Behavior, and Biological Activities. <i>Jacs Au</i> , 2021, 1, 137-146.	3.6	14
180	A solid-state <sup>17</sup> O NMR, X-ray, and quantum chemical study of N- $\beta$ -Fmoc-protected amino acids. <i>Journal of Molecular Structure</i> , 2008, 888, 187-196.	1.8	13

#	ARTICLE	IF	CITATIONS
181	Colorimetric and fluorometric sensing of the Lewis acidity of a metal ion by metal-ion complexation of imidazo[1,2-a]pyrazin-3(7H)-ones. <i>Tetrahedron</i> , 2010, 66, 3842-3848.	1.0	13
182	critical spin ladders produced by orbital ordering in Physical Review B, 2017, 95, .	1.1	13
183	One-pot Annulation for Biaryl-fused Monocarbadiene-dodecaborate through Aromatic C-H Bond Disconnection. <i>Chemistry - an Asian Journal</i> , 2018, 13, 913-917.	1.7	13
184	An Organic Mixed-valence Ligand for Multistate Redox-Active Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4717-4721.	7.2	13
185	Sensing the chirality of various organic solvents by helically arranged $\pi$ -blades. <i>Chemical Communications</i> , 2018, 54, 12314-12317.	2.2	13
186	Synthesis and Characterization of N-Heterocyclic Carbene-Coordinated Silicon Compounds Bearing a Fused-Ring Bulky End Group. <i>Inorganics</i> , 2018, 6, 30.	1.2	13
187	A solvent-free and vacuum-free melt-processing method to fabricate organic semiconducting layers with large crystal size for organic electronic applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3190-3198.	2.7	13
188	Molecular Basis of Mannose Recognition by Pradimicins and their Application to Microbial Cell Surface Imaging. <i>Cell Chemical Biology</i> , 2019, 26, 950-959.e8.	2.5	13
189	Regiodivergent Oxidative Cross-Coupling of Catechols with Persistent <i>tert</i> -Carbon Radicals. <i>ACS Catalysis</i> , 2020, 10, 12770-12782.	5.5	13
190	Dynamics in Catalytic Asymmetric Diastereoconvergent (3 + 2) Cycloadditions with Isomerizable Nitrones and $\alpha$ -Keto Ester Enolates. <i>Journal of the American Chemical Society</i> , 2021, 143, 9094-9104.	6.6	13
191	The Mechanism of the Enantioselective Photocyclization of 2-Piperidone in the Clathrate Crystal. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 2383-2387.	2.0	12
192	Regioselective phenyl-substitution effects on the solvatochromism of 2-phenylimidazo[1,2-a]pyrazin-3(7H)-one derivatives: expansion of the color variation range of a visible indicator for the proton donor ability of solvents. <i>Tetrahedron Letters</i> , 2004, 45, 8531-8534.	0.7	12
193	A three-component approach to isoquinoline derivatives by cycloaddition/Heck reaction sequence. <i>Tetrahedron Letters</i> , 2007, 48, 4255-4258.	0.7	12
194	Honeycomb Sheet Structures Achieving High Electrical Conductivities in Alkyl-Substituted Thiazolium Bis(2-thio-1,3-dithiole-4,5-dithiolato)nickelate(III) Complex Salts. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 352-357.	2.0	12
195	Agrocybynes A-E from the culture broth of <i>Agrocybe praecox</i> . <i>Tetrahedron</i> , 2012, 68, 1262-1265.	1.0	12
196	Donor-Stabilized Silylene/Phosphine-Supported Carbon(0) Center with High Electron Density. <i>Angewandte Chemie</i> , 2017, 129, 6995-6999.	1.6	12
197	Synthesis of the Right-Side Structure of Type B Physalins. <i>Israel Journal of Chemistry</i> , 2017, 57, 309-318.	1.0	12
198	Structures and Synthesis of Hitoyopodins: Bioactive Aromatic Sesquiterpenoids Produced by the Mushroom <i>Coprinopsis cinerea</i> . <i>Organic Letters</i> , 2018, 20, 6294-6297.	2.4	12

#	ARTICLE	IF	CITATIONS
199	Synthesis of a Stable $\eta^5$ -Hetero $\eta^5$ -Rh $\eta^5$ -Metallacyclic Silanone. <i>Angewandte Chemie</i> , 2020, 132, 16071-16075. 1.6	1.6	12
200	A Design Principle for Polar Assemblies with $C_{3h}$ -Sym Bowl-Shaped $\pi$ -Conjugated Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3261-3267. 7.2	7.2	12
201	Ferroelectric nanostructures sputtered on alumina membranes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 25, 35-41. 1.3	1.3	11
202	Synthesis and Characterization of Diphosphenes Bearing Fused-Ring Bulky Rind Groups. <i>Heteroatom Chemistry</i> , 2014, 25, 612-618. 0.4	0.4	11
203	Haptotropic Shift of [5]Cumulenes in Zirconocene Complexes and Effects of Steric Factors. <i>Organometallics</i> , 2014, 33, 5220-5230. 1.1	1.1	11
204	Conformational and Optical Characteristics of Unidirectionally Twisted Binaphthyl-Bipyridyl Cyclic Dyads. <i>Organic Letters</i> , 2015, 17, 4098-4101. 2.4	2.4	11
205	Spectroscopic properties of BF <sub>2</sub> complexes of N-(5-phenyl-2-pyrazinyl)pivalamides exhibiting fluorescence in solution and solid state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 206-214. 2.0	2.0	11
206	Synthesis and photophysical properties of novel benzophospholo[3,2-b]indole derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2304-2309. 1.3	1.3	11
207	A Stable $\eta^5$ -Hetero $\eta^5$ -Rh $\eta^5$ -Metallacyclic Silylene. <i>Angewandte Chemie</i> , 2019, 131, 10416-10420. 1.6	1.6	11
208	Solution-Processed Electron-Transport Layer-free Organic Photovoltaics with Liquid Metal Cathodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 14165-14173. 4.0	4.0	11
209	Radical-copper hexanuclear arrays showing intermolecular ferromagnetic interactions. <i>Polyhedron</i> , 2001, 20, 1557-1561. 1.0	1.0	10
210	Self-assembly of long-lived cis-azobenzenes into crystalline nanoparticles. <i>New Journal of Chemistry</i> , 2007, 31, 1746. 1.4	1.4	10
211	Synthesis and properties of bis(pyrazino[2,3:4,5]imidazole)-fused 1,2,5,6-tetrahydro-1,4,5,8,9,10-hexaazaanthracenes: a new fluorescent nitrogen-rich heterocycle. <i>Tetrahedron Letters</i> , 2010, 51, 1401-1403. 0.7	0.7	10
212	Reactions of Carbonyl Compounds with Phosphorus Ylide Generated from Tribromofluoromethane and Tris(dimethylamino)phosphine. <i>Chemistry Letters</i> , 2015, 44, 1389-1391. 0.7	0.7	10
213	Coexistence of Monochalcogen and Dichalcogen Ions in BiSe <sub>2</sub> and BiS <sub>2</sub> Crystals Prepared at High Pressure. <i>Inorganic Chemistry</i> , 2015, 54, 4114-4119. 1.9	1.9	10
214	Crystallinity-dependence of ionic conductivity in the ion pairs of a multi-interactive anion. <i>Chemical Communications</i> , 2016, 52, 3962-3965. 2.2	2.2	10
215	Synthesis and Structure of a Stable Bis(methylene) <sup>4+</sup> sulfane. <i>Chemistry - A European Journal</i> , 2018, 24, 6922-6926. 1.7	1.7	10
216	Simultaneous Edge-to-Face Reorientation and 1D Alignment of Small $\pi$ -Conjugated Molecules Using Room-Temperature Mechanical Rubbing. <i>Advanced Functional Materials</i> , 2018, 28, 1707038. 7.8	7.8	10

#	ARTICLE	IF	CITATIONS
217	Four polymorphs of a cobaloxime complex with different solid-state photoisomerization rates. <i>Acta Crystallographica Section B: Structural Science</i> , 1996, 52, 303-313.	1.8	9
218	Optical enrichment in chiral crystal environment of [(R,S)-1-cyanoethyl][methyl (S)-alaninate]cobaloxime complex only by photoirradiation. <i>Journal of Physical Organic Chemistry</i> , 2000, 13, 415-421.	0.9	9
219	Ferromagnetic S=1 chain formed by a square Ni <sub>2</sub> S <sub>2</sub> motif in Ni(qt) <sub>2</sub> (qt=quinoline-8-thiolate). Magnetic properties of related compounds. <i>Polyhedron</i> , 2001, 20, 1551-1555.	1.0	9
220	Synthesis of Atromentin and Its O-Alkylated Natural Products. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2342-2344.	0.6	9
221	N,N'-Bis(2-cyclohexylethyl)naphtho[2,3-b:6,7-b']dithiophene Diimides: Effects of Substituents. <i>Molecules</i> , 2016, 21, 981.	1.7	9
222	Synthesis and Magnetic Properties of Linear Two-coordinate Monomeric Diaryliron(II) Complexes Bearing Fused-ring Bulky Rindacene Groups. <i>Chemistry Letters</i> , 2016, 45, 634-636.	0.7	9
223	Donor-Stabilized 1,3-Disila-2,4-Diazacyclobutadiene with a Nonbonded Si...Si Distance Compressed to a Si=Si Double Bond Length. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14673-14677.	7.2	9
224	Synthesis and Structural Characterization of Lithium and Titanium Complexes Bearing a Bulky Aryloxy Ligand Based on a Rigid Fused-Ring Hydrindacene Skeleton. <i>Inorganic Chemistry</i> , 2016, 55, 6643-6652.	1.9	9
225	Hydrosilyl Group-directed Iridium-catalyzed <i>peri</i> -Selective C-H Borylation of Ring-fused (Hetero)Arenes. <i>Chemistry Letters</i> , 2018, 47, 1251-1254.	0.7	9
226	Surface-induced enantiomorphic crystallization of achiral fullerene derivatives in thin films. <i>Chemical Science</i> , 2020, 11, 4702-4708.	3.7	9
227	Variation of the reaction rate in the solid-state photoisomerization of cobaloxime complexes by forming host-guest complexes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 1931-1936.	0.9	8
228	Two-component molecular crystals from N-heteroaromatics and nitrobenzoic acids. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 1067-1072.	0.4	8
229	Air- and Moisture-Stable <i>peri</i> -Monothiobenzoquinones Incorporated in an Octaalkyl-hydrindacene Skeleton. <i>Organic Letters</i> , 2011, 13, 2666-2669.	2.4	8
230	Synthesis of Optically Pure Norcantharidin Analogue NCA-01, a Highly Selective Protein Phosphatase 2B Inhibitor, and its Derivatives. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1221-1230.	1.7	8
231	Palladium-catalyzed direct C-H arylations of dioxothiophenes bearing reactive functional groups: a step-economical approach for functional $\pi$ -conjugated oligoarenes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8505-8511.	1.5	8
232	Experimental Observation of the Nature of Weak Chemical Bonds in Labile Compounds. <i>Advanced Materials</i> , 2017, 29, 1605175.	11.1	8
233	Unexpected formation of benziphthalocyanine dimer: An easily synthesizable dimer of phthalocyanine analogue. <i>Tetrahedron Letters</i> , 2017, 58, 2267-2271.	0.7	8
234	Effects of N-Oxidation on Heteroaromatic Macrocycles: Synthesis, Electronic Structures, Spectral Properties, and Reactivities of Tetraazaporphyrin <i>meso</i> -N-Oxides. <i>Chemistry - A European Journal</i> , 2017, 23, 8309-8314.	1.7	8



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235	Ï€-Conjugation between a Si-Si Double Bond and Thiophene Rings: Synthesis, Structural Characteristics, and Photophysical Properties of 1,2-Bis(thiophen-2-yl)disilene and 1,2-Bis(2,2'-bithiophen-5-yl)disilene. <i>Organometallics</i> , 2017, 36, 3226-3233.	1.1	8
236	Flexibility Control of Two-Dimensional Coordination Polymers by Crystal Morphology: Water Adsorption and Thermal Expansion. <i>Chemistry - A European Journal</i> , 2021, 27, 18135-18140.	1.7	8
237	Triphenyleno[1,2-c:7,8-c']bis([1,2,5]thiadiazole) as a V-Shaped Electron-Deficient Unit to Construct Wide-Bandgap Amorphous Polymers for Efficient Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 57743-57749.	4.0	8
238	Photoisomerization of (2-cyanoethyl)(isonicotinic acid)cobaloxime complex in a series of isostructural host-guest complex crystals. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1689-1694.	0.9	7
239	Magnetic Phase Transition of Fe II , CO II and Ni II Complexes Bridged by Pyrimidine and Dicyanamide. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 463-468.	0.4	7
240	Ionic semiconductor: DC and AC conductivity of anilinium tetrathiafulvalene-2-carboxylate. <i>Dalton Transactions</i> , 2013, 42, 3821.	1.6	7
241	Synthesis and properties of palladium(II) complexes of aromatic hemiporphyrazines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 869-874.	0.4	7
242	Synthesis and Applications of (ONO...Pincer)Ruthenium-Complex-Bound Norvalines. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1076-1091.	1.7	7
243	Spin accumulation at nonmagnetic interface induced by direct Rashba-Edelstein effect. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 15664-15670.	1.1	7
244	Comparison of the Chemical Bonding in (Eind) <sub>2</sub> Ge=E (E = O and S): Synthesis and Characterization of Germanethione Bearing Bulky Eind Groups. <i>Chemistry Letters</i> , 2020, 49, 141-144.	0.7	7
245	1,2-Insertion reactions of alkynes into Ge-C bonds of arylbromogermylene. <i>Dalton Transactions</i> , 2020, 49, 7189-7196.	1.6	7
246	Identification of a Small-Molecule Glucose Transporter Inhibitor, Glutipyran, That Inhibits Cancer Cell Growth. <i>ACS Chemical Biology</i> , 2021, 16, 1576-1586.	1.6	7
247	Tuning Molecular Conformations to Enhance Spontaneous Orientation Polarization in Organic Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 18773-18781.	4.0	7
248	Stereoselective tandem cyclization of 1,1-diphenyl-1,n-alkadienes via photoinduced electron transfer reaction. <i>Tetrahedron Letters</i> , 1998, 39, 9501-9504.	0.7	6
249	Dichlorobis(pyrimidine-N)cobalt(II) and its bromo derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1793-1797.	0.4	6
250	Electron Density Distributions of Pyrimidine Bridged Cu, Fe, and Co Complexes Showing Magnetic Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 519-524.	0.4	6
251	From supermolecular sheet to helix by breaking molecular symmetry: the case of 4-[2-(carbazol-3-yl)vinyl] pyridium tosylate. <i>CrystEngComm</i> , 2007, 9, 541.	1.3	6
252	Phenyl 2-amino-N,6-O-dibenzyl-2,3-N,O-carbonyl-2-deoxy-1-thio-β-D-glucopyranoside. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1868-o1868.	0.4	6



#	ARTICLE	IF	CITATIONS
253	“Dumbbell” and “Clackers” Shaped Dimeric Derivatives of Monocarba-dodecaborate. <i>Angewandte Chemie</i> , 2018, 130, 1517-1520.	1.6	6
254	Bilobalide and PC12 cells: A structure activity relationship study. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115251.	1.4	6
255	Azacalix[3]triazines: A Substructure of Triazine-Based Graphitic Carbon Nitride Featuring Anion Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16377-16381.	7.2	6
256	Intermolecular Ferromagnetic Interaction in $\pi$ -Conjugated Nitroxide Radical Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 334, 89-98.	0.3	5
257	One-Dimensional $S = 1$ Ferromagnetic Chain Formed by a Square $Ni_2S_2$ Motif in $Ni(qt)_2(qt = Tj ETQq_1 1 0.784314, rgBT / Overlock 10$	0.7	5
258	Radical-Copper Macrocycles and Related Compounds. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 455-462.	0.4	5
259	$N$ -(Fluoren-9-ylmethoxycarbonyl)-L-iso-leucine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1533-o1533.	0.2	5
260	Unusual electronic structure of bis-isocyanide complexes of iron(III) porphyrinoids. <i>Dalton Transactions</i> , 2012, 41, 3126.	1.6	5
261	Emergent phenomena in perovskite-type manganites. <i>Physica B: Condensed Matter</i> , 2012, 407, 1685-1688.	1.3	5
262	Tetrathiafulvalene Hybridized with Indacenetetraone as Visible-light-harvesting Electron Acceptor Applicable to Bulk-heterojunction Organic Photovoltaics. <i>Chemistry Letters</i> , 2013, 42, 1417-1419.	0.7	5
263	Synthesis and Structures of Sterically Congested Diarylsilanes Bearing Two Bulky Rind Groups. <i>Chemistry Letters</i> , 2016, 45, 409-411.	0.7	5
264	Solid Gas Phase Synthesis of Coordination Networks by Using Redox-Active Ligands and Elucidation of Their Oxidation Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 11512-11520.	1.7	5
265	Synthesis of All Stereoisomers of Monomeric Spectomycin A1/A2 and Evaluation of Their Protein SUMOylation Inhibitory Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 8387-8392.	1.7	5
266	Through-Space Charge Transfer in Copper Coordination Networks with Copper-Halide Guest Anions. <i>Inorganic Chemistry</i> , 2021, 60, 9273-9277.	1.9	5
267	Strained and Reactive Donor/Acceptor-Supported Metallasilanone. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18489-18493.	7.2	5
268	Stereochemistry of Asymmetric $\hat{I}^2$ -Lactam Formation Involving Achiral Glyoxylamide Derivatives. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995, 51, 929-933.	0.4	4
269	Photoisomerization of Cobaloxime Complexes in Isostructural Host-Guest Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 313, 95-104.	0.3	4
270	Crystal Structure of $N,N$ -Diisopropyl(3-methyl)phenylglyoxylamide. <i>Analytical Sciences</i> , 1998, 14, 1187-1188.	0.8	4

#	ARTICLE	IF	CITATIONS
271	<i>N</i> -(Fluoren-9-ylmethoxycarbonyl)- <i>L</i> -leucine. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1112-o1112.	0.2	4
272	Thermally Stable Monosubstituted Thiophene 1-Oxide and 1-Imides Stabilized by a Bulky Rind Group at Their 3-Position: Synthesis, Structure, and Inversion Barriers on the Sulfur Atom. Bulletin of the Chemical Society of Japan, 2017, 90, 697-705.	2.0	4
273	One-pot heterocyclic ring closure of 1,1'-bi-2-naphthol to 7H-dibenzo[ <i>c,g</i> ]carbazole. Tetrahedron Letters, 2018, 59, 99-102.	0.7	4
274	Inference-assisted intelligent crystallography based on preliminary data. Scientific Reports, 2019, 9, 11886.	1.6	4
275	Synthesis of All Stereoisomers of RK460 and Evaluation of Their Activity and Selectivity as Abscisic Acid Receptor Antagonists. Chemistry - A European Journal, 2019, 25, 3496-3500.	1.7	4
276	Field-induced multiple metal-insulator crossovers of correlated Dirac electrons of perovskite $\text{CaIrO}_3$ . Npj Quantum Materials, 2022, 7, .	1.8	4
277	Smart Face Mask Based on an Ultrathin Pressure Sensor for Wireless Monitoring of Breath Conditions (Adv. Mater. 6/2022). Advanced Materials, 2022, 34, .	11.1	4
278	Synthesis of porphyrinylamide and observation of N-methylation-induced trans $\rightarrow$ cis amide conformational alteration. Tetrahedron, 2013, 69, 10927-10932.	1.0	3
279	A less common spin-crossover process observed in the six-coordinated model heme complexes. Polyhedron, 2013, 66, 60-64.	1.0	3
280	Enhanced ferromagnetic transition temperature induced by a microscopic structural rearrangement in the diluted magnetic semiconductor $\text{Ge}_{1-x}\text{Mn}_x\text{Te}$ . Physical Review B, 2017, 95, .	1.1	3
281	Intense THz emission in high quality MBE-grown GaAs film with a thin n-doped buffer. Optical Materials Express, 2018, 8, 1463.	1.6	3
282	Reaction of Dialumane Incorporating Bulky Eind Groups with Pyridines. Inorganics, 2019, 7, 129.	1.2	3
283	A Design Principle for Polar Assemblies with C <sub>3</sub> Sym Bowl-Shaped $\pi$ -Conjugated Molecules. Angewandte Chemie, 2021, 133, 3298-3304.	1.6	3
284	$\pi$ -SnS Colloidal Nanocrystals with Size-Dependent Band Gaps. Journal of Physical Chemistry C, 2022, 126, 5323-5332.	1.5	3
285	<i>N</i> -(Fluoren-9-ylmethoxycarbonyl)- <i>L</i> -aspartic acid 4- <i>tert</i> -butyl ester. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2606-o2607.	0.2	2
286	Hydrogen-bonding tetrathiafulvalene (TTF) conductors: Carrier generation by self-doping. Physica B: Condensed Matter, 2010, 405, S23-S26.	1.3	2
287	(12,17-Diethoxycarbonyl-11,18-dimethyl-2,3:6,7-dibutanocorrphycenato)copper(II) $\rightarrow$ (12,17-diethoxycarbonyl-11,18-dimethyl-2:3:6:7). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m23-m24.	0.2	2
288	Synchrotron X-ray powder diffraction and convergent beam electron diffraction studies on the cubic phase of $\text{MgV}_2\text{O}_4$ spinel. Journal of Solid State Chemistry, 2014, 215, 184-188.	1.4	2

#	ARTICLE	IF	CITATIONS
289	Oxidation of allenes bearing 1,8-diphenoxy or diaryloxyacridene moieties. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3665.	0.9	2
290	Alkylated oxygen-bridged V-shaped molecules: impacts of the substitution position and length of the alkyl chains on the crystal structures and fundamental properties in aggregated forms. <i>Polymer Journal</i> , 2017, 49, 215-221.	1.3	2
291	Stepwise Synthesis via Mechanochemical Reaction for Multistate Redox-active 2D Zinc(II) Coordination Network. <i>Chemistry Letters</i> , 2018, 47, 1184-1186.	0.7	2
292	Strained and Reactive Donor/Acceptor-Supported Metallasilanone. <i>Angewandte Chemie</i> , 2021, 133, 18637-18641.	1.6	2
293	Synthesis and Characterization of a Series of Diarylgermylenes and Dihalodigermenes Having Fused-Ring Bulky Rind Groups. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1931-1939.	2.0	2
294	Stepwise Observation of Iodine Diffusion in a Flexible Coordination Network Having Dual Interactive Sites. <i>Inorganic Chemistry</i> , 2021, 60, 13727-13735.	1.9	2
295	Alloying-induced enhancement of thermopower in the Dirac-semimetal system $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ . <i>Physical Review Materials</i> , 2021, 5, .	1.6	2
296	Gelation of a Decorated Glutamate as a Homochiral Selective Self-Assembly to Obtain Macroscopic Chiral Symmetry Breaking. <i>Chemistry - an Asian Journal</i> , 2022, , .	1.7	2
297	Facile Reductive Coupling Reaction of Bis(ruthenocenylolefinyl)titanocene Complexes via Visible Light-Activation of the Ruthenocenyl Terminal. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 814-817.	2.0	1
298	S-Phenyl 4,6-O-benzylidene-2,3-O-carbonyl-1-thia-D-mannopyranoside. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3028-o3028.	0.2	1
299	Synthesis and Structural Characterization of a Novel Organotellurium Compound: Dinaphtho[2,3-b;2',3'-d]tellurophene. <i>Heterocycles</i> , 2015, 90, 121.	0.4	1
300	Donor-Stabilized 1,3-Diisilyl-2,4-Diazacyclobutadiene with a Nonbonded Si...Si Distance Compressed to a Si=Si Double Bond Length. <i>Angewandte Chemie</i> , 2016, 128, 14893-14897.	1.6	1
301	N-Acetyl-hydroxy-oxotryptamine, a racemic natural product isolated from <i>Streptomyces</i> sp. 80H647. <i>Journal of Antibiotics</i> , 2021, 74, 477-479.	1.0	1
302	Azacalix[3]triazines: A Substructure of Triazine-Based Graphitic Carbon Nitride Featuring Anion Interactions. <i>Angewandte Chemie</i> , 2021, 133, 16513-16517.	1.6	1
303	A Series of Room-Temperature Thermally Stable Bromostannylenes Bearing the Bulky Rind Group: Synthesis, Characterization, and Crystal Structures. <i>Organometallics</i> , 2021, 40, 1956-1965.	1.1	1
304	Monoclinic semimetal IrSi synthesized under high pressure above 25 GPa: Crystal structure, electronic, and magnetic properties. <i>Physical Review Materials</i> , 2020, 4, .	0.9	1
305	Colloidal CdS Quantum Dot Fibers Prepared by Electrospinning of Their Wet Gel for Quantum Nanowires. <i>ACS Applied Nano Materials</i> , 2022, 5, 3756-3762.	2.4	1
306	Phenylboronic Ester-Activated Aryl Iodide-Selective Buchwald-Hartwig-Type Amination toward Bioactivity Assay. <i>ACS Omega</i> , 2022, 7, 24184-24189.	1.6	1

#	ARTICLE	IF	CITATIONS
307	Bis(dimethylglyoximate-N,N') [methyl (R)-ethanoato-C2] [tris(2-cyanoethyl)phosphine-P]cobalt(III). Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 739-741.	0.4	0
308	2,3,3a,4,9,9a-Hexahydro-9-phenylbenzo[f]indene derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 827-829.	0.4	0
309	2,3,5-Trichloro-4-methoxy-6-[2,3,5-trichloro-4-methoxy-6-(2,3,5,6-tetrachloro-4-methoxyphenoxy)phenoxy]phenol. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1367-o1369.	0.2	0
310	Manipulation of the heme electronic structure by external stimuli and ligand field. Hyperfine Interactions, 2012, 206, 23-33.	0.2	0
311	An Organic Mixed-Valence Ligand for Multistate Redox-Active Coordination Networks. Angewandte Chemie, 2018, 130, 4807-4811.	1.6	0
312	Incomplete Electrocyclization of a Sterically Hindered 1,4- $\beta$ -Diphosphabutadiene. ChemPlusChem, 2019, 84, 1761-1766.	1.3	0
313	Manipulation of the heme electronic structure by external stimuli and ligand field. , 2013, , 319-329.		0
314	Characterization of Labile Chemical Bonds and Reaction Process Analysis Based on Electron Density Distribution <sup>1/4</sup> EDD <sup>1/4</sup> % Analysis. Nihon Kessho Gakkaishi, 2019, 61, 103-110.	0.0	0
315	A comparison of geometries and electronic structure of plumbogummite (PbAl <sub>3</sub> P <sub>2</sub> O <sub>14</sub> H <sub>6</sub> ), Pb <sub>2</sub> P <sub>4</sub> O <sub>12</sub> and Pb <sub>2</sub> P <sub>2</sub> O <sub>7</sub> . Chemical Physics Letters, 2020, 756, 137800.	1.2	0
316	Chemistry in SPring-8 Recent 10 Years. Nihon Kessho Gakkaishi, 2022, 64, 10-16.	0.0	0
317	Formation and Reactions of Ge=O Double-bonded Species Bearing EMind Groups. Chemistry Letters, 2022, 51, 828-831.	0.7	0