

Daisuke Hashizume

List of Publications by Year in descending order

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317
papers

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all docs

346
docs citations

346
times ranked

13396
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Field-induced multiple metal-insulator crossovers of correlated Dirac electrons of perovskite CaIrO_3 . <i>Npj Quantum Materials</i> , 2022, 7, .	1.8	4
3	Smart Face Mask Based on an Ultrathin Pressure Sensor for Wireless Monitoring of Breath Conditions (Adv. Mater. 6/2022). <i>Advanced Materials</i> , 2022, 34, .	11.1	4
4	Chemistry in SPring-8 Recent 10 Years. <i>Nihon Kessho Gakkaishi</i> , 2022, 64, 10-16.	0.0	0
5	Enhancing the stability of cobalt spinel oxide towards sustainable oxygen evolution in acid. <i>Nature Catalysis</i> , 2022, 5, 109-118.	16.1	236
6	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
7	Te-SnS Colloidal Nanocrystals with Size-Dependent Band Gaps. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5323-5332.	1.5	3
8	Solution-Processed Electron-Transport Layer-free Organic Photovoltaics with Liquid Metal Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14165-14173.	4.0	11
9	Gelation of a D -Decorated Glutamate as a Homochiral Selective Self-assembly to Obtain Macroscopic Chiral Symmetry Breaking. <i>Chemistry - an Asian Journal</i> , 2022, , .	1.7	2
10	Tuning Molecular Conformations to Enhance Spontaneous Orientation Polarization in Organic Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18773-18781.	4.0	7
11	Formation and Reactions of $\text{Ge}=\text{O}$ Double-bonded Species Bearing EMind Groups. <i>Chemistry Letters</i> , 2022, 51, 828-831.	0.7	0
12	Phenylboronic Ester-Activated Aryl Iodide-Selective Buchwald-Hartwig-Type Amination toward Bioactivity Assay. <i>ACS Omega</i> , 2022, 7, 24184-24189.	1.6	1
13	A Design Principle for Polar Assemblies with $\text{C}_{3\text{Sym}}$ Bowl-Shaped Te-Te Conjugated Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3261-3267.	7.2	12
14	A Design Principle for Polar Assemblies with C_3 Te-Te Bowl-Shaped Te-Te Conjugated Molecules. <i>Angewandte Chemie</i> , 2021, 133, 3298-3304.	1.6	3
15	N-Acetyl- \pm -hydroxy- β -oxotryptamine, a racemic natural product isolated from <i>Streptomyces</i> sp. 80H647. <i>Journal of Antibiotics</i> , 2021, 74, 477-479.	1.0	1
16	Through-Space Charge Transfer in Copper Coordination Networks with Copper-Halide Guest Anions. <i>Inorganic Chemistry</i> , 2021, 60, 9273-9277.	1.9	5
17	Azacalix[3]triazines: A Substructure of Triazine-Based Graphitic Carbon Nitride Featuring Anion- π Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16377-16381.	7.2	6
18	Azacalix[3]triazines: A Substructure of Triazine-Based Graphitic Carbon Nitride Featuring Anion- π Interactions. <i>Angewandte Chemie</i> , 2021, 133, 16513-16517.	1.6	1

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37	1,2-Insertion reactions of alkynes into Ge-C bonds of arylbromogermylene. Dalton Transactions, 2020, 49, 7189-7196.	1.6	7
38	Generation of Alkyl Radical through Direct Excitation of Boracene-Based Alkylborate. Journal of the American Chemical Society, 2020, 142, 9938-9943.	6.6	69
39	Activator-Promoted Aryl Halide-Dependent Chemoselective Buchwald-Hartwig and Suzuki-Miyaura Type Cross-Coupling Reactions. Organic Letters, 2020, 22, 4797-4801.	2.4	14
40	Synthesis of a Stable N-Hetero-Rh-Metallacyclic Silanone. Angewandte Chemie - International Edition, 2020, 59, 15937-15941.	7.2	19
41	Synthesis of a Stable N-Hetero-Rh-Metallacyclic Silanone. Angewandte Chemie, 2020, 132, 16071-16075.	1.6	12
42	Bulk quantum Hall effect of spin-valley coupled Dirac fermions in the polar antiferromagnet BaMnSb ₂ . Physical Review B, 2020, 101, .	1.1	26
43	Disrupt and induce intermolecular interactions to rationally design organic semiconductor crystals: from herringbone to rubrene-like pitched π -stacking. Chemical Science, 2020, 11, 1573-1580.	3.7	36
44	An Efficient Ultra-Flexible Photo-Charging System Integrating Organic Photovoltaics and Supercapacitors. Advanced Energy Materials, 2020, 10, 2000523.	10.2	46
45	Surface-induced enantiomorphic crystallization of achiral fullerene derivatives in thin films. Chemical Science, 2020, 11, 4702-4708.	3.7	9
46	Monoclinic semimetal IrSi synthesized under high pressure above 25 GPa: Crystal structure, electronic, and magnetic properties. Physical Review Materials, 2020, 4, .	0.9	1
47	A comparison of geometries and electronic structure of plumbogummite (PbAl ₃ P ₂ O ₁₄ H ₆), Pb ₂ P ₄ O ₁₂ and Pb ₂ P ₂ O ₇ . Chemical Physics Letters, 2020, 756, 137800.	1.2	0
48	Highly Stretchable Metallic Nanowire Networks Reinforced by the Underlying Randomly Distributed Elastic Polymer Nanofibers via Interfacial Adhesion Improvement. Advanced Materials, 2019, 31, e1903446.	11.1	106
49	Solid-Gas Phase Synthesis of Coordination Networks by Using Redox-Active Ligands and Elucidation of Their Oxidation Reaction. Chemistry - A European Journal, 2019, 25, 11512-11520.	1.7	5
50	Incomplete Electrocyclization of a Sterically Hindered 1,4-Diphosphabutadiene. ChemPlusChem, 2019, 84, 1761-1766.	1.3	0
51	Inference-assisted intelligent crystallography based on preliminary data. Scientific Reports, 2019, 9, 11886.	1.6	4
52	Band engineering, carrier density control, and enhanced thermoelectric performance in multi-doped SnTe. APL Materials, 2019, 7, .	2.2	14
53	Chiral crystal-like droplets displaying unidirectional rotational sliding. Nature Materials, 2019, 18, 266-272.	13.3	17
54	Strong-correlation induced high-mobility electrons in Dirac semimetal of perovskite oxide. Nature Communications, 2019, 10, 362.	5.8	59

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55	Reversible Isomerizations between 1,4-Digerma-benzenes 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
56	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
57	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
58	A Stable Nâ€Hetero â€Rh â€Metallacyclic Silylene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10310-10314.	7.2	20
59	Highly Durable Nanofiber-Reinforced Elastic Conductors for Skin-Tight Electronic Textiles. <i>ACS Nano</i> , 2019, 13, 7905-7912.	7.3	103
60	A Stable Nâ€Hetero â€Rh â€Metallacyclic Silylene. <i>Angewandte Chemie</i> , 2019, 131, 10416-10420.	1.6	11
61	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
62	Synthesis of All Stereoisomers of Monomeric Spectomycin A1/A2 and Evaluation of Their Protein SUMOylationâ€Inhibitory Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 8387-8392.	1.7	5
63	Reaction of Dialumane Incorporating Bulky Eind Groups with Pyridines. <i>Inorganics</i> , 2019, 7, 129.	1.2	3
64	Large Variation of Dirac Semimetal State in Perovskite CaR_3O_3 with Pressure-Tuning of Electron Correlation. <i>Physical Review Letters</i> , 2019, 123, 216601.	2.9	19
65	Synthesis of All Stereoisomers of RK460 and Evaluation of Their Activity and Selectivity as Abscisic Acid Receptor Antagonists. <i>Chemistry - A European Journal</i> , 2019, 25, 3496-3500.	1.7	4
66	Durable Ultraflexible Organic Photovoltaics with Novel Metalâ€Oxideâ€Free Cathode. <i>Advanced Functional Materials</i> , 2019, 29, 1808378.	7.8	34
67	Characterization of Labile Chemical Bonds and Reaction Process Analysis Based on Electron Density Distribution Analysis. <i>Nihon Kessho Gakkaishi</i> , 2019, 61, 103-110.	0.0	0
68	Oneâ€Pot Annulation for Biarylâ€fused Monocarbaâ€dodecaborate through Aromatic Bâ€H Bond Disconnection. <i>Chemistry - an Asian Journal</i> , 2018, 13, 913-917.	1.7	13
69	An Organic Mixedâ€Valence Ligand for Multistate Redoxâ€Active Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4717-4721.	7.2	13
70	Crystallization and Polymorphism of Organic Semiconductor in Thin Film Induced by Surface Segregated Monolayers. <i>Scientific Reports</i> , 2018, 8, 481.	1.6	21
71	1,2-Dihalodigermenes bearing bulky Eind groups: synthesis, characterization, and conversion to halogermolenoids. <i>Dalton Transactions</i> , 2018, 47, 814-822.	1.6	22
72	A stable free tetragermacyclobutadiene incorporating fused-ring bulky EMind groups. <i>Chemical Communications</i> , 2018, 54, 2200-2203.	2.2	26

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73	“Dumbbell”- and “Clackers”-Shaped Dimeric Derivatives of Monocarba-dodecaborate. <i>Angewandte Chemie</i> , 2018, 130, 1517-1520.	1.6	6
74	Synthesis and Structure of a Stable Bis(methylene) ⁴ -sulfane. <i>Chemistry - A European Journal</i> , 2018, 24, 6922-6926.	1.7	10
75	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
76	An Organic Mixed-Valence Ligand for Multistate Redox-Active Coordination Networks. <i>Angewandte Chemie</i> , 2018, 130, 4807-4811.	1.6	0
77	Simultaneous Edge-to-Face Reorientation and 1D Alignment of Small Conjugated Molecules Using Room-Temperature Mechanical Rubbing. <i>Advanced Functional Materials</i> , 2018, 28, 1707038.	7.8	10
78	One-pot heterocyclic ring closure of 1,1'-bi-2-naphthol to 7H-dibenzo[<i>c,g</i>]carbazole. <i>Tetrahedron Letters</i> , 2018, 59, 99-102.	0.7	4
79	“Dumbbell”- and “Clackers”-Shaped Dimeric Derivatives of Monocarba-dodecaborate. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1501-1504.	7.2	15
80	Diameter-Dependent Superconductivity in Individual WS ₂ Nanotubes. <i>Nano Letters</i> , 2018, 18, 6789-6794.	4.5	25
81	Self-powered ultra-flexible electronics via nano-grating-patterned organic photovoltaics. <i>Nature</i> , 2018, 561, 516-521.	13.7	743
82	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
83	Sensing the chirality of various organic solvents by helically arranged blades. <i>Chemical Communications</i> , 2018, 54, 12314-12317.	2.2	13
84	Intense THz emission in high quality MBE-grown GaAs film with a thin n-doped buffer. <i>Optical Materials Express</i> , 2018, 8, 1463.	1.6	3
85	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
86	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
87	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
88	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
89	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
90	Organic Solar Cells with Controlled Nanostructures Based on Microphase Separation of Fullerene-Attached Thiophene-Selenophene Heteroblock Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4758-4768.	4.0	16

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91	Superconductivity in a chiral nanotube. <i>Nature Communications</i> , 2017, 8, 14465.	5.8	143
92	Experimental Observation of the Nature of Weak Chemical Bonds in Labile Compounds. <i>Advanced Materials</i> , 2017, 29, 1605175.	11.1	8
93	The Lightest Element Phosphoranylidene: NHC-Supported Cyclic Borylidene-Phosphorane with Significant B=P Character. <i>Angewandte Chemie</i> , 2017, 129, 4892-4896.	1.6	33
94	Printable elastic conductors by in situ formation of silver nanoparticles from silver flakes. <i>Nature Materials</i> , 2017, 16, 834-840.	13.3	578
95	Donor-Stabilized Silylene/Phosphine-Supported Carbon(0) Center with High Electron Density. <i>Angewandte Chemie</i> , 2017, 129, 6995-6999.	1.6	12
96	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
97	Unexpected formation of benzophthalocyanine dimer: An easily synthesizable dimer of phthalocyanine analogue. <i>Tetrahedron Letters</i> , 2017, 58, 2267-2271.	0.7	8
98	Oxidation of allenes bearing 1,8-diphenoxy or diaryloxyacridene moieties. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3665.	0.9	2
99	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
100	critical spin ladders produced by orbital ordering in $S=1$ $BaMn_2O_7$. <i>Physical Review B</i> , 2017, 95, .	1.1	13
101	Naked d-orbital in a centrochiral Ni(II) complex as a catalyst for asymmetric [3+2] cycloaddition. <i>Nature Communications</i> , 2017, 8, 14875.	5.8	38
102	The Lightest Element Phosphoranylidene: NHC-Supported Cyclic Borylidene-Phosphorane with Significant B=P Character. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4814-4818.	7.2	49
103	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. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 697-705.	2.0	4
104	Formation of an Isolable Divinylborinium Ion through Twofold 1,2-Carboboration between a Diarylborinium Ion and Diphenylacetylene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5312-5316.	7.2	39
105	Formation of an Isolable Divinylborinium Ion through Twofold 1,2-Carboboration between a Diarylborinium Ion and Diphenylacetylene. <i>Angewandte Chemie</i> , 2017, 129, 5396-5400.	1.6	15
106	Synthesis of the Right-Side Structure of Type B Physalins. <i>Israel Journal of Chemistry</i> , 2017, 57, 309-318.	1.0	12
107	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
108	Cyclic (Amino)(Phosphonium Borylide)Silanone: A Remarkable Room-Temperature-Persistent Silanone. <i>Angewandte Chemie</i> , 2017, 129, 16132-16136.	1.6	57

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109	Cyclic (Amino)(Phosphonium Bora ⁺ ylide)Silanone: A Remarkable Room-Temperature-Persistent Silanone. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15916-15920.	7.2	62
110	π -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
111	Hitoyol A and B, Two Norsesquiterpenoids from the Basidiomycete <i>Coprinopsis cinerea</i> . <i>Organic Letters</i> , 2017, 19, 4030-4033.	2.4	18
112	Polar metal phase stabilized in strained La-doped BaTiO ₃ films. <i>Scientific Reports</i> , 2017, 7, 4631.	1.6	30
113	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
114	Catalytic Enantioselective [3 + 2] Cycloaddition of α -Keto Ester Enolates and Nitrile Oxides. <i>Journal of the American Chemical Society</i> , 2017, 139, 8661-8666.	6.6	40
115	Enhanced ferromagnetic transition temperature induced by a microscopic structural rearrangement in the diluted magnetic semiconductor $\text{Ge}_{1-x}\text{Mn}_x\text{Te}$. <i>Physical Review Letters</i> , 2017, 119, 077201.	1.1	1
116	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
117	Reversibility of 3-Phenyl-2-oxindole Dimer Formation: Application to Construct Compounds with Two Distinct Vicinal All-Carbon Quaternary Centers. <i>Heterocycles</i> , 2017, 95, 1030.	0.4	17
118	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	11
119	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
120	A Stable Heterocyclic Amino(phosphanylidene ⁺ f ⁴ -phosphorane) Germylene. <i>Angewandte Chemie</i> , 2016, 128, 4831-4836.	1.6	51
121	A Stable Heterocyclic Amino(phosphanylidene ⁺ f ⁴ -phosphorane) Germylene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4753-4758.	7.2	91
122	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</i> , 2016, 128, 14893-14897.	1.6	1
123	Synthesis and Structural Characteristics of Discrete Organoboron and Organoaluminum Hydrides Incorporating Bulky Eind Groups. <i>Organometallics</i> , 2016, 35, 3397-3405.	1.1	15
124	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
125	Spectroscopic properties of BF ₂ 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	11
126	Synthesis and Structures of Sterically Congested Diarylsilanes Bearing Two Bulky Rind Groups. <i>Chemistry Letters</i> , 2016, 45, 409-411.	0.7	5

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127	Synthesis and Magnetic Properties of Linear Two-coordinate Monomeric Diaryliron(II) Complexes Bearing Fused-ring Bulky σ -Rind σ -Groups. <i>Chemistry Letters</i> , 2016, 45, 634-636.	0.7	9
128	Preparation of Aryne σ -Nickel Complexes from <i>ortho</i> -Borylaryl Triflates. <i>Organic Letters</i> , 2016, 18, 5600-5603.	2.4	43
129	Critical enhancement of thermopower in a chemically tuned polar semimetal MoTe ₂ . <i>Science Advances</i> , 2016, 2, e1601378.	4.7	65
130	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
131	General synthesis, structure, and optical properties of benzothiophene-fused benzoheteroles containing Group 15 and 16 elements. <i>Tetrahedron</i> , 2016, 72, 8085-8090.	1.0	38
132	Donor σ -Stabilized 1,3 σ -Disila σ -2,4 σ -diazacyclobutadiene with a Nonbonded Si σ - σ -Si Distance Compressed to a Si=Si Double Bond Length. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14673-14677.	7.2	9
133	Synthesis and Structural Characterization of Lithium and Titanium Complexes Bearing a Bulky Aryloxide Ligand Based on a Rigid Fused-Ring <i>s</i> - <i>i</i> -Hydrindacene Skeleton. <i>Inorganic Chemistry</i> , 2016, 55, 6643-6652.	1.9	9
134	Synthesis and Applications of (ONO σ -Pincer)Ruthenium σ -Complex σ -Bound Norvalines. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1076-1091.	1.7	7
135	Interface-induced crystallization and nanostructure formation of [6,6]-phenyl-C ₆₁ -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
136	Crystallinity-dependence of ionic conductivity in the ion pairs of a multi-interactive anion. <i>Chemical Communications</i> , 2016, 52, 3962-3965.	2.2	10
137	(<i>Z</i>)-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
138	Investigation of Organoiron Catalysis in Kumada σ -Tamao σ -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
139	Reactions of Carbonyl Compounds with Phosphorus Ylide Generated from Tribromofluoromethane and Tris(dimethylamino)phosphine. <i>Chemistry Letters</i> , 2015, 44, 1389-1391.	0.7	10
140	Metal σ -Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a <i>C</i> ₁₀ -Symmetric Double-Decker Nanoring. <i>Journal of the American Chemical Society</i> , 2015, 137, 7628-7631.	6.6	48
141	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
142	Unique features of chiral palladium enolates derived from β -ketoamide: structure and catalytic asymmetric Michael and σ -fluorination reactions. <i>Tetrahedron</i> , 2015, 71, 6594-6601.	1.0	19
143	Asymmetric Fluorolactonization with a Bifunctional Hydroxyl Carboxylate Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 10132-10135.	6.6	98
144	Palladium-catalyzed direct C σ -H arylations of dioxythiophenes bearing reactive functional groups: a step-economical approach for functional π -conjugated oligoarenes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8505-8511.	1.5	8

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145	Highly bent crystals formed by restrained π -stacked columns connected via alkylene linkers with variable conformations. <i>Chemical Science</i> , 2015, 6, 2354-2359.	3.7	27
146	Coexistence of Monochalcogen and Dichalcogen Ions in BiSe_2 and BiS_2 Crystals Prepared at High Pressure. <i>Inorganic Chemistry</i> , 2015, 54, 4114-4119.	1.9	10
147	Macroscopic ordering of helical pores for arraying guest molecules noncentrosymmetrically. <i>Nature Communications</i> , 2015, 6, 8418.	5.8	51
148	Conformational and Optical Characteristics of Unidirectionally Twisted Binaphthyl-Bipyridyl Cyclic Dyads. <i>Organic Letters</i> , 2015, 17, 4098-4101.	2.4	11
149	The molecular and electronic structures of a thioaroyl cation formed by borinium ion-mediated $\text{C}=\text{S}$ double bond cleavage of CS_2 . <i>Chemical Communications</i> , 2015, 51, 13342-13345.	2.2	37
150	$\hat{\pi}$ -Modified Naphthodithiophene Diimides: Molecular Design Strategy for Air-Stable n-Channel Organic Semiconductors. <i>Chemistry of Materials</i> , 2015, 27, 6418-6425.	3.2	60
151	Coplanar Oligo(<i>p</i> -phenylenedisilylene)s as $\text{Si}\cdot\text{Si}$ Analogues of Oligo(<i>p</i> -phenylenevinylene)s: Evidence for Extended π -Conjugation through the Carbon and Silicon π -Frameworks. <i>Journal of the American Chemical Society</i> , 2015, 137, 15026-15035.	6.6	42
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298	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
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