

Takashi Kajiwara

List of Publications by Year in descending order

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26
papers

1,275
citations

471509

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552781

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docs citations

27
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochemical Reduction of Low Concentrations of CO ₂ in a Porous Coordination Polymer with a Ruthenium(II)–CO Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2697-2700.	13.8	206
2	Syntheses, Structures, and Reactivities of Borylcopper and Zinc Compounds: 1,4-Silaboration of an Unsaturated Ketone to Form a Siloxyallylborane. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6606-6610.	13.8	182
3	Group-4 Transition-Metal Boryl Complexes: Syntheses, Structures, Boron–Metal Bonding Properties, and Application as a Polymerization Catalyst. <i>Journal of the American Chemical Society</i> , 2009, 131, 14162-14163.	13.7	104
4	Synthesis and Properties of the First Stable Silylene–Isocyanide Complexes. <i>Chemistry - A European Journal</i> , 2003, 9, 3530-3543.	3.3	89
5	Ladder Distyrylbenzenes with Silicon and Chalcogen Bridges: Synthesis, Structures, and Properties. <i>Organic Letters</i> , 2007, 9, 93-96.	4.6	80
6	A Systematic Study on the Stability of Porous Coordination Polymers against Ammonia. <i>Chemistry - A European Journal</i> , 2014, 20, 15611-15617.	3.3	73
7	Synthesis and structure of ladder polymethylsilsesquioxanes from sila-functionalized cyclotetrasiloxanes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1363-1369.	1.8	68
8	Dependence of crystal size on the catalytic performance of a porous coordination polymer. <i>Chemical Communications</i> , 2015, 51, 2728-2730.	4.1	57
9	Insertion of an Overcrowded Silylene into Hydro- and Haloboranes: A Novel Synthesis of Silylborane Derivatives and Their Properties. <i>Organometallics</i> , 2004, 23, 4723-4734.	2.3	49
10	Photochemical Reduction of Low Concentrations of CO ₂ in a Porous Coordination Polymer with a Ruthenium(II)–CO Complex. <i>Angewandte Chemie</i> , 2016, 128, 2747-2750.	2.0	43
11	One-dimensional alignment of strong Lewis acid sites in a porous coordination polymer. <i>Chemical Communications</i> , 2013, 49, 10459.	4.1	39
12	Supramolecular assembly of light harvesting porphyrin hexamer. <i>Tetrahedron Letters</i> , 2001, 42, 3617-3620.	1.4	38
13	Unprecedented insertion reaction of a silylene into a B–B bond and generation of a novel borylsilyl anion by boron–metal exchange reaction of the resultant diborylsilane. <i>Chemical Communications</i> , 2004, , 2218-2219.	4.1	22
14	Catalytic Hydride Transfer to CO ₂ Using Ru-NAD-Type Complexes under Electrochemical Conditions. <i>Inorganic Chemistry</i> , 2017, 56, 11066-11073.	4.0	22
15	Preparation and properties of polyhedral oligomeric silsesquioxane–polysiloxane copolymers. <i>Applied Organometallic Chemistry</i> , 2010, 24, 545-550.	3.5	21
16	Synthesis of Alkali Metal Salts of Borylsilyl Anions Utilizing Highly Crowded Silylboranes and Their Properties. <i>Organometallics</i> , 2008, 27, 880-893.	2.3	18
17	Reaction of Stable Silylene–Isocyanide Complexes with Boranes: Synthesis and Properties of the First Stable Silylborane–Isocyanide Complexes. <i>Chemistry Letters</i> , 2001, 30, 1076-1077.	1.3	17
18	Ligand-Assisted Electrochemical CO ₂ Reduction by Ru–Polypyridyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1814-1818.	2.0	12

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19	Stable 2H-azasilirene and 2H-phosphasilirene: Addition reaction of an overcrowded silylene to a nitrile and a phosphalkyne. <i>Silicon Chemistry</i> , 2002, 1, 313-319.	0.8	11
20	Preparation of free-standing films with sulfonyl group from 3-mercaptopropyl(trimethoxy)silane/1,2-bis(triethoxysilyl)ethane copolymer. <i>Polymer Journal</i> , 2010, 42, 684-688.	2.7	11
21	Design and Synthesis of Porous Coordination Polymers with Expanded One-Dimensional Channels and Strongly Lewis Acidic Sites. <i>ChemNanoMat</i> , 2018, 4, 103-111.	2.8	11
22	Xylene Recognition in Flexible Porous Coordination Polymer by Guest-Dependent Structural Transition. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52144-52151.	8.0	10
23	Preparation and Properties of Siloxane/Epoxy Organic-Inorganic Hybrid Thin Films, Self-Standing Films, and Bulk Bodies. <i>Polymer Journal</i> , 2009, 41, 541-546.	2.7	8
24	Effect of Micropores of a Porous Coordination Polymer on the Product Selectivity in Ru ^{II} Complex-catalyzed CO ₂ Reduction. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3341-3344.	3.3	4
25	Electrochemical behavior of a Rh(pentamethylcyclopentadienyl) complex bearing an NAD ⁺ /NADH-functionalized ligand. <i>Dalton Transactions</i> , 2018, 47, 5207-5216.	3.3	2
26	Preparation and Characterization of BIT Ferroelectrics by Precursor Method using Triethanolamine. , 2008, , .		0