

Tsukasa Matsuo

List of Publications by Year in descending order

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54
docs citations

54
times ranked

1333
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and Reactions of Ge=O Double-bonded Species Bearing EMind Groups. Chemistry Letters, 2022, 51, 828-831.	1.3	0
2	A Series of Room-Temperature Thermally Stable Bromostannylenes Bearing the Bulky Rind Group: Synthesis, Characterization, and Crystal Structures. Organometallics, 2021, 40, 1956-1965.	2.3	1
3	Synthesis and Characterization of a Series of Diarylgermylenes and Dihalodigermenes Having Fused-Ring Bulky Rind Groups. Bulletin of the Chemical Society of Japan, 2021, 94, 1931-1939.	3.2	2
4	Comparison of the Chemical Bonding in (Eind) ₂ Ge=E (E = O and S): Synthesis and Characterization of Germanethione Bearing Bulky Eind Groups. Chemistry Letters, 2020, 49, 141-144.	1.3	7
5	Products of [2+2] Cycloaddition between a W ^η Si Triple-bonded Complex and Alkynes: Isolation, Structure, and Non-classical Bonding Interaction. Chemistry Letters, 2020, 49, 311-314.	1.3	6
6	Reactions of a Silylyne Complex with Aldehydes: Formation of W ^η Si ^η O ^η C Four-membered Metallacycles and Their Metathesis-like Fragmentation. Chemistry - A European Journal, 2019, 25, 3795-3798.	3.3	11
7	Reaction of Dialumane Incorporating Bulky Eind Groups with Pyridines. Inorganics, 2019, 7, 129.	2.7	3
8	σ-Electron systems containing Si=Si double bonds. Science and Technology of Advanced Materials, 2018, 19, 108-129.	6.1	39
9	1,2-Dihalodigermenes bearing bulky Eind groups: synthesis, characterization, and conversion to halogermolenoids. Dalton Transactions, 2018, 47, 814-822.	3.3	22
10	A stable free tetragermacyclobutadiene incorporating fused-ring bulky EMind groups. Chemical Communications, 2018, 54, 2200-2203.	4.1	26
11	Synthesis and Characterization of N-Heterocyclic Carbene-Coordinated Silicon Compounds Bearing a Fused-Ring Bulky Eind Group. Inorganics, 2018, 6, 30.	2.7	13
12	Cleavage of a P=P Double Bond Mediated by N-Heterocyclic Carbenes. Angewandte Chemie - International Edition, 2017, 56, 5765-5769.	13.8	29
13	Cleavage of a P=P Double Bond Mediated by N-Heterocyclic Carbenes. Angewandte Chemie, 2017, 129, 5859-5863.	2.0	10
14	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.	3.2	4
15	σ-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. Organometallics, 2017, 36, 3226-3233.	2.3	8
16	Innentitelbild: Activation of Dihydrogen by Masked Doubly Bonded Aluminum Species (Angew. Chem.) Tj ETQq0 0 0 rgBT /Ovrlock 10 T	2.6	0
17	Unsymmetrical PNP-Pincer Type Phosphaalkene Ligands Protected by a Fused-Ring Bulky Eind Group: Synthesis and Applications to Rh(I) and Ir(I) Complexes. Organometallics, 2016, 35, 1526-1533.	2.3	22
18	Synthesis and Structural Characteristics of Discrete Organoboron and Organoaluminum Hydrides Incorporating Bulky Eind Groups. Organometallics, 2016, 35, 3397-3405.	2.3	15

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19	A Silylyne Tungsten Complex Having an Eind Group on Silicon: Its Dimerâ€“Monomer Equilibrium and Cycloaddition Reactions with Carbodiimide and Diaryl Ketones. <i>Organometallics</i> , 2016, 35, 3444-3447.	2.3	34
20	Activation of Dihydrogen by Masked Doubly Bonded Aluminum Species. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12877-12880.	13.8	38
21	Synthesis and Structures of Sterically Congested Diarylsilanes Bearing Two Bulky Rind Groups. <i>Chemistry Letters</i> , 2016, 45, 409-411.	1.3	5
22	Synthesis and Magnetic Properties of Linear Two-coordinate Monomeric Diaryliron(II) Complexes Bearing Fused-ring Bulky â€œRindâ€•Groups. <i>Chemistry Letters</i> , 2016, 45, 634-636.	1.3	9
23	A Squareâ€“Planar Complex of Platinum(0). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15347-15350.	13.8	25
24	A Squareâ€“Planar Complex of Platinum(0). <i>Angewandte Chemie</i> , 2016, 128, 15573-15576.	2.0	7
25	Synthesis and Structural Characterization of Lithium and Titanium Complexes Bearing a Bulky Aryloxide Ligand Based on a Rigid Fused-Ring <i>s</i>-Hydrindacene Skeleton. <i>Inorganic Chemistry</i> , 2016, 55, 6643-6652.	4.0	9
26	(<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.	13.7	44
27	Fused-Ring Bulky â€œRindâ€•Groups Producing New Possibilities in Elemento-Organic Chemistry. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1201-1220.	3.2	47
28	Extremely active $\hat{\pm}$ -olefin polymerization and copolymerization with ethylene catalyzed by a dMAO-activated zirconium(<sc>iv</sc>) dichloro complex having an [OSSO]-type ligand. <i>RSC Advances</i> , 2015, 5, 88826-88831.	3.6	11
29	Coplanar Oligo(<i>p</i>-phenylenedisilynylene)s as Siâ€“Si Analogues of Oligo(<i>p</i>-phenylenevinylene)s: Evidence for Extended $\hat{\pi}$ -Conjugation through the Carbon and Silicon $\hat{\pi}$ -Frameworks. <i>Journal of the American Chemical Society</i> , 2015, 137, 15026-15035.	13.7	42
30	Synthesis and Characterization of Diphosphenes Bearing Fusedâ€“Ring Bulky Rind Groups. <i>Heteroatom Chemistry</i> , 2014, 25, 612-618.	0.7	11
31	Reactions of Diaryldibromodisilenes with Nâ€“Heterocyclic Carbenes: Formation of Formal Bisâ€“NHC Adducts of Silyliumylidene Cations. <i>Chemistry - A European Journal</i> , 2014, 20, 9246-9249.	3.3	67
32	Highly Coplanar (<i>E</i>)-1,2-Di(1-naphthyl)disilene Involving a Distinct CHâ€“ $\hat{\pi}$ Interaction with the Perpendicularly Oriented Protecting Eind Group. <i>Chemistry Letters</i> , 2014, 43, 432-434.	1.3	25
33	A Convenient Route to Synthetic Analogues of the Oxidized Form of High-Potential Ironâ€“Sulfur Proteins. <i>Inorganic Chemistry</i> , 2014, 53, 4000-4009.	4.0	27
34	An Isolable Diborane(4) Compound with Terminal Bâ€“H Bonds: Structural Characteristics and Electronic Properties. <i>Chemistry Letters</i> , 2014, 43, 1587-1589.	1.3	43
35	Reactions of a Niobium Nitride Complex Prepared from Dinitrogen: Synthesis of Imide and Ureate Complexes and Ammonia Formation. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3930-3936.	2.0	39
36	Reactions of a Niobium Nitride Complex Prepared from Dinitrogen: Synthesis of Imide and Ureate Complexes and Ammonia Formation (<i>Eur. J. Inorg. Chem.</i> 22â€“23/2013). <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, .	2.0	0

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37	A stable germanone as the first isolated heavy ketone with a terminal oxygen atom. <i>Nature Chemistry</i> , 2012, 4, 361-365.	13.6	154
38	The first observation of electroluminescence from di(2-naphthyl)disilene, an Si=C double bond-containing π -conjugated compound. <i>Chemical Communications</i> , 2012, 48, 1030-1032.	4.1	40
39	A New Binding Motif of Sterically Demanding Thiolates on a Gold Cluster. <i>Journal of the American Chemical Society</i> , 2012, 134, 14295-14297.	13.7	122
40	Air- and Moisture-Stable <i>p</i> -Monothiobenzoquinones Incorporated in an Octaalkyl-hydrindacene Skeleton. <i>Organic Letters</i> , 2011, 13, 2666-2669.	4.6	8
41	Neutral and Cationic Gold(I) Complexes with π -Conjugated Phosphasilene Ligands. <i>Organometallics</i> , 2011, 30, 3453-3456.	2.3	28
42	Room-Temperature Dissociation of 1,2-Dibromodisilenes to Bromosilylenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 19710-19713.	13.7	66
43	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.	13.7	84
44	Synthesis and Structures of a Series of Bulky Rind-Br-Based on a Rigid Fused-Ring <i>s</i> -Hydrindacene Skeleton. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 1178-1191.	3.2	72
45	The Synthesis of Highly Coplanar Oligothiophenes Induced by Bulky Rind Groups. <i>Chemistry - an Asian Journal</i> , 2011, 6, 350-354.	3.3	20
46	A Planar Rhombic Charge-Separated Tetrasilacyclobutadiene. <i>Science</i> , 2011, 331, 1306-1309.	12.6	125
47	Coordination Chemistry and Organic Synthesis Utilizing Cycloalkane-1,2-dithiol. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1169-1174.	1.6	7
48	π -conjugated phosphasilenes stabilized by fused-ring bulky Rind-groups. <i>Comptes Rendus Chimie</i> , 2010, 13, 1104-1110.	0.5	27
49	A Stable Doubly Hydrogen-Bridged Butterfly-Shaped Diborane(4) Compound. <i>Journal of the American Chemical Society</i> , 2010, 132, 8258-8260.	13.7	78
50	π -Conjugated disilenes stabilized by fused-ring bulky Rind-groups. <i>Dalton Transactions</i> , 2010, 39, 9203.	3.3	50
51	Air-Stable, Room-Temperature Emissive Disilenes with π -Extended Aromatic Groups. <i>Journal of the American Chemical Society</i> , 2010, 132, 15162-15163.	13.7	55
52	π -Conjugated Phosphasilenes Stabilized by Fused-Ring Bulky Groups. <i>Journal of the American Chemical Society</i> , 2009, 131, 13222-13223.	13.7	74
53	Isolated Monomeric and Dimeric Mixed Diorganocuprates Based on the Size-Controllable Bulky Rind-groups. <i>Journal of the American Chemical Society</i> , 2009, 131, 18024-18025.	13.7	38