Synthesis and Reactivity Studies of Amidoâ€Substitute Clusters

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Citation Report

#	Article	IF	Citations
1	Synthetic, structural and reaction chemistry of N-heterocyclic germylene and stannylene compounds featuringN-boryl substituents. Dalton Transactions, 2019, 48, 11951-11960.	1.6	21
2	Reversible alkene binding and allylic Câ€“H activation with an aluminium(<scp>i</scp>) complex. Chemical Science, 2019, 10, 2452-2458.	3.7	71
3	Acyclic 1,2-dimagnesioethanes/-ethene derived from magnesium(<scp>i</scp>) compounds: multipurpose reagents for organometallic synthesis. Chemical Science, 2019, 10, 3208-3216.	3.7	32
4	Influence of monomer deformation on the competition between two types of Ïƒ-holes in tetrel bonds. Physical Chemistry Chemical Physics, 2019, 21, 10336-10346.	1.3	20
5	Evaluation of the Ïƒ-Donating and Ï€-Accepting Properties of N-Heterocyclic Boryl Anions. Inorganic Chemistry, 2019, 58, 16500-16509.	1.9	18
6	Synthesis and Characterization of Group 12 Metal(I) Complexes Bearing Extremely Bulky Boryl/Silyl Substituted Amide Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 603-608.	0.6	3
7	Inorganic Benzene Valence Isomers. Chemistry - an Asian Journal, 2020, 15, 2558-2574.	1.7	23
8	An unsaturated amido-substituted six-vertex germanium cluster and its reactions with alkenes and alkynes. Dalton Transactions, 2020, 49, 11843-11850.	1.6	11
9	Activation of Ethylene by Nâ€Heterocyclic Carbene Coordinated Magnesium(I) Compounds. Chemistry - A European Journal, 2020, 26, 14665-14670.	1.7	18
10	Recent advances of group 14 dimetallenes and dimetallynes in bond activation and catalysis. Chemical Science, 2021, 12, 2001-2015.	3.7	81
11	Oxidative addition of cyanogen bromide to C,N-chelated and Lappert's stannylenes. Dalton Transactions, 2021, 50, 5519-5529.	1.6	3
12	On the edge of the steric repulsion and reactivity of bulky anilines; a case study of chloro(imino)phosphine synthesis. Dalton Transactions, 2021, 50, 14352-14361.	1.6	1
13	New Types of Ge₂ and Ge₄ Assemblies Stabilized by a Carbanionic Dicarborandiyl-Silylene Ligand. Journal of the American Chemical Society, 2021, 143, 6229-6237.	6.6	26
14	Facile synthesis of digermylene oxide and its reactivity towards vanadocene: the first example of Cp2Vâ€“germylene coordination. Mendeleev Communications, 2021, 31, 330-333.	0.6	0
15	Facile synthesis of digermylene oxide and its reactivity towards vanadocene: the first example of Cp2Vâ€“germylene coordination. Mendeleev Communications, 2021, 31, 330-333.	0.6	4
16	Controlling Catenation in Germanium(I) Chemistry through Hemilability. Angewandte Chemie - International Edition, 2021, 60, 15606-15612.	7.2	12
17	Controlling Catenation in Germanium(I) Chemistry through Hemilability. Angewandte Chemie, 2021, 133, 15734-15740.	1.6	6
18	Four-Membered Rings With Two Heteroatoms Including Silicon to Lead. , 2021, , 604-604.		0

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19	Low-valent oligogermanium amidophenolate complex comprising a unique Ge4 chain. Mendeleev Communications, 2020, 30, 205-208.	0.6	18
20	Reactivity of the Bicyclic Amidoâ€Substituted Silicon(I) Ring Compound Si₄{N(SiMe₃)Mes}₄ with FLPâ€Type Character. Chemistry - A European Journal, 2021, 27, 17361-17368.	1.7	10
21	Trapping experiments during reductive debrominations of aminotribromosilanes with alkenes. European Journal of Organic Chemistry, 0, , .	1.2	3
22	Controlling Oxidative Addition and Reductive Elimination at Tin(I) via Hemiâ€Lability. Angewandte Chemie, 0, , .	1.6	2
23	Controlling Oxidative Addition and Reductive Elimination at Tin(I) via Hemiâ€Lability. Angewandte Chemie - International Edition, 2022, 61, .	7.2	8
24	Reversible CO₂ activation by a N-phosphinoamidinato digermyne. Chemical Communications, 2022, 58, 1033-1036.	2.2	7
25	Reversible Uptake of CO₂ by Pincer Ligand Supported Dimetallynes. Angewandte Chemie - International Edition, 2022, 61, .	7.2	4
26	Reversible Uptake of CO2 by Pincer Ligand Supported Dimetallynes. Angewandte Chemie, 0, , .	1.6	0
27	Organometallic Compounds of Germanium. , 2022, , .		3
28	Facile activation of inert small molecules using a 1,2-disilylene. Dalton Transactions, 2022, 51, 7838-7844.	1.6	6
29	Unsaturated amido-substituted six-vertex mixed silicon germanium clusters. Dalton Transactions, 2022, 51, 10535-10542.	1.6	2
30	Direct Formation and Reactivity of a Bromo- and Amido-Substituted Cyclotrisilene. Organometallics, 2022, 41, 2146-2153.	1.1	1
31	Stabilization of a high-spin three-coordinate Fe(<scp>iii</scp>) imidyl complex by radical delocalization. Chemical Science, 2022, 13, 9637-9643.	3.7	7
32	Low-coordinate compounds of heavier group 14â€“16 elements. , 2023, , 118-164.		4
33	Redox-Active Germylene Based on 2,4,6,8-Tetra-tert-butylphenoxazin-1-one: Synthesis, Structure, and Chemical Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2022, 48, 464-477.	0.3	3
34	Activation of Geâ^'H and Snâ^'H Bonds with Nâ€Heterocyclic Carbenes and a Cyclic (Alkyl)(amino)carbene. Chemistry - A European Journal, 2023, 29, .	1.7	5
35	Disproportionation and Ligand Lability in Low Oxidation State Borylâ€Tin Chemistry**. Chemistry - A European Journal, 2023, 29, .	1.7	6
36	Organogermanium Analogues of Alkenes, Alkynes, 1,3-Dienes, Allenes, and Vinylidenes. Molecules, 2023, 28, 1558.	1.7	2

#	Article	IF	Citations
37	HETEROCYCLIC HEAVY ANALOGUES OF CARBENES: STRUCTURE AND CHEMICAL PROPERTIES. REVIEW. Journal of Structural Chemistry, 2023, 64, 1-45.	0.3	4
41	Disproportionation of Sn(<scp>ii</scp>){CH(SiMe₃)₂}₂ to Ë™Sn(<scp>iii</scp>){CH(SiMe₃)₂}₃ and Ë™Sn(<scp>i</scp>){CH(SiMe₃)₂}: characterization of the Sn(<scp>i</scp>) product. Chemical Communications, 2023, 59, 6399-6402.	2.2	1
42	Redox flexibility in a germanium hydride manifold: hydrogen shuttling via oxidative addition and reductive elimination. Chemical Communications, 2023, 59, 7251-7254.	2.2	0
45	A bromo(boryloxy) silylene and its heavier analogues. Chemical Communications, 2024, 60, 1583-1586.	2.2	0