

Daniel Franz

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,120
citations

394421

19
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580821

25
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all docs

27
docs citations

27
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of N-heterocyclic imines in main group chemistry. <i>Chemical Society Reviews</i> , 2016, 45, 6327-6344.	38.1	140
2	A monotopic aluminum telluride with an Al=Te double bond stabilized by N-heterocyclic carbenes. <i>Nature Communications</i> , 2015, 6, 10037.	12.8	88
3	Aluminum Hydrides Stabilized by N-Heterocyclic Imines as Catalysts for Hydroborations with Pinacolborane. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1245-1250.	1.2	70
4	Isolation of a Three-coordinate Boron Cation with a Boron-Sulfur Double Bond. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14264-14268.	13.8	68
5	Isolation of an N-Heterocyclic Carbene Complex of a Borasilene. <i>Chemistry - A European Journal</i> , 2019, 25, 11036-11041.	3.3	62
6	Systematic Investigation of the Ring-Expansion Reaction of N-Heterocyclic Carbenes with an Iminoborane Dihydride. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2083-2087.	3.3	60
7	Isolation and Structure of Germylene-Germylumidenes Stabilized by N-Heterocyclic Imines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11619-11624.	13.8	59
8	Advances in the development of complexes that contain a group 13 element chalcogen multiple bond. <i>Dalton Transactions</i> , 2016, 45, 9385-9397.	3.3	58
9	Isolation of a germanium(<i>ii</i>) cation and a germylene iron carbonyl complex utilizing an imidazolin-2-iminato ligand. <i>Dalton Transactions</i> , 2015, 44, 10952-10956.	3.3	56
10	Synthesis, characterization and reactivity of an imidazolin-2-iminato aluminium dihydride. <i>Dalton Transactions</i> , 2014, 43, 4451-4461.	3.3	53
11	Formation of an Imino-stabilized Cyclic Tin(II) Cation from an Amino(imino)stannylene. <i>Chemistry - A European Journal</i> , 2015, 21, 6704-6707.	3.3	48
12	Cationic Complexes of Boron and Aluminum: An Early 21st Century Viewpoint. <i>Chemistry - A European Journal</i> , 2019, 25, 2898-2926.	3.3	48
13	Catalytic CO ₂ Reduction with Boron- and Aluminum Hydrides. <i>ChemCatChem</i> , 2019, 11, 5275-5281.	3.7	46
14	Activation of Elemental Sulfur by Aluminum Dihydride: Isolation of Mono- and Bis(hydrogensulfide) Complexes of Aluminum. <i>Chemistry - A European Journal</i> , 2014, 20, 10645-10649.	3.3	43
15	A Tin Analogue of Carbenoid: Isolation and Reactivity of a Lithium Bis(imidazolin-2-imino)stannylene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6983-6987.	13.8	37
16	Three-coordinate Boron(III) and Diboron(II) Dications. <i>Chemistry - A European Journal</i> , 2018, 24, 4283-4288.	3.3	35
17	Ditopic hydridoborates and hydridoboranes: bridging ligands in coordination polymers and versatile hydroboration reagents. <i>Dalton Transactions</i> , 2011, 40, 2433-2440.	3.3	32
18	Isolation and Structure of Germylene-Germylumidenes Stabilized by N-Heterocyclic Imines. <i>Angewandte Chemie</i> , 2016, 128, 11791-11796.	2.0	26

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19	A Tin Analogue of Carbenoid: Isolation and Reactivity of a Lithium Bis(imidazolin-2-ylidene)stannylenoid. <i>Angewandte Chemie</i> , 2016, 128, 7097-7101.	2.0	19
20	A Quest for Ligand-Unsupported Li ⁺ Interactions in Mono-, Di-, and Tritopic Lithium Arylborates. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5414-5421.	2.0	18
21	Reactivity of an NHC-stabilized pyramidal hydrosilylene with electrophilic boron sources. <i>Dalton Transactions</i> , 2019, 48, 5756-5765.	3.3	14
22	The twinned crystal structure of tripotassium benzene-1,3,5-tris(trifluoroborate). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010, 66, m152-m156.	0.4	3
23	Tetrakis(diethyl ether)tetra- $\frac{1}{4}$ -oxido-octakis(pentafluorophenyl)octazinc. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1395-m1395.	0.2	2
24	Tetrakis($\frac{1}{4}$ -9-oxa-10-boraanthracen-10-olato)tetrakis[(diethyl ether)lithium]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1525-m1525.	0.2	2