

Michael

List of Publications by Year in descending order

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687363

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all docs

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docs citations

40
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Versatile Derivatization of an Unsaturated Anionic Silicon Cluster (Siliconoid). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2907-2910.	13.8	56
2	Boron and Phosphorus Containing Heterosiliconoids: Stable p- and n-Doped Unsaturated Silicon Clusters. <i>Journal of the American Chemical Society</i> , 2019, 141, 19498-19504.	13.7	37
3	Equilibrium Formation of Stable All-silicon Versions of 1,3-cyclobutanediyl. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15087-15092.	13.8	34
4	Isolierung und vielseitige Derivatisierung eines ungesättigten anionischen Siliciumclusters (Silicoid). <i>Angewandte Chemie</i> , 2016, 128, 2959-2963.	2.0	33
5	Dimerization of a marginally stable disilyl germylene to tricyclic systems: evidence for reversible NHC-coordination. <i>Chemical Communications</i> , 2016, 52, 2799-2802.	4.1	27
6	Reactivity enhancement of a diphosphene by reversible N-heterocyclic carbene coordination. <i>Chemical Science</i> , 2018, 9, 4235-4243.	7.4	26
7	Exohedral functionalization vs. core expansion of siliconoids with Group 9 metals: catalytic activity in alkene isomerization. <i>Chemical Science</i> , 2020, 11, 7782-7788.	7.4	25
8	Disilyl Silylene Reactivity of a Cyclotrisilene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2445-2449.	13.8	24
9	Synthesis, Structure, and Bonding Analysis of Tin(II) Dihalide and Cyclopentadienyltin(II) Halide (Alkyl)(amino)carbene Complexes. <i>Organometallics</i> , 2019, 38, 1052-1061.	2.3	23
10	Metathesis of Ge=Ge double bonds. <i>Nature Chemistry</i> , 2021, 13, 373-377.	13.6	21
11	Indirect and Direct Grafting of Transition Metals to Siliconoids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8532-8536.	13.8	18
12	Magnocenophane-catalyzed Amine Borane Dehydrocoupling. <i>Chemistry - A European Journal</i> , 2020, 26, 6176-6184.	3.3	17
13	Persistent Digermenes with Acyl and β -chlorosilyl Functionalities. <i>Chemistry - A European Journal</i> , 2019, 25, 12187-12195.	3.3	15
14	Transition-Metal Complexes of Heavier Cyclopropenes: Non-Dewar-Chatt-Duncanson Coordination and Facile Si-Ge Functionalization. <i>Journal of the American Chemical Society</i> , 2021, 143, 8981-8986.	13.7	14
15	Mono- and Dicoordinate Germanium(0) as a Four-Electron Donor. <i>Chemistry - A European Journal</i> , 2018, 24, 2873-2878.	3.3	12
16	Equilibrium Coordination of NHCs to Si(IV) Species and Donor Exchange in Donor-Acceptor Stabilized Si(II) and Ge(II) Compounds. <i>Inorganic Chemistry</i> , 2019, 58, 4071-4075.	4.0	12
17	Chalcogen-Expanded Unsaturated Silicon Clusters: Thia-, Seleno-, and Tellurasiliconoids. <i>Chemistry - A European Journal</i> , 2020, 26, 16599-16602.	3.3	10
18	Diphosphanymetallocenes of Main-Group Elements. <i>Chemistry - A European Journal</i> , 2021, 27, 6500-6510.	3.3	10

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19	Nickel-assisted complete cleavage of CO by a silylene/siliconoid hybrid under formation of an Si-Enol ether bridge. <i>Chemical Communications</i> , 2020, 56, 10898-10901.	4.1	10
20	Synthesis and Crystal Structure Investigations of Trivalent Rare Earth (Y ³⁺ , Nd ³⁺ , Er ³⁺) Thienyl-Substituted Methoxides. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2397-2406.	2.0	9
21	Tetra- and Pentaisopropylcyclopentadienyl Complexes of Group 15 Elements. <i>Organometallics</i> , 2021, 40, 618-626.	2.3	9
22	Siliconoid Expansion by a Single Germanium Atom through Isolated Intermediates. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	9
23	Synthesis, Structure, and Reactivity of Disiloxa[3]tetrelocenophanes. <i>ACS Omega</i> , 2019, 4, 18355-18360.	3.5	8
24	Structural Aspects of Chlorine-Aluminium Alkoxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 923-929.	1.2	6
25	Disilylenylsilylen- σ -Reaktivit�t eines Cyclotrisilens. <i>Angewandte Chemie</i> , 2018, 130, 2470-2474.	2.0	6
26	Reactivity of a Peraryl Cyclotrisilene ($\text{C}_3\text{Si}_3\text{R}_4$) Toward Chalcogens. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 999-1005.	1.2	6
27	Structural Diversity in Supramolecular Organization of Anionic Phosphate Monoesters: Role of Cations. <i>ACS Omega</i> , 2019, 4, 2118-2133.	3.5	6
28	Bildung Stabiler All-Silicium Varianten von 1,3-Cyclobutandiyl im Gleichgewicht. <i>Angewandte Chemie</i> , 2020, 132, 15199-15204.	2.0	6
29	Influence of the Solvent on the Formation of New Tin(II) Methoxides Containing Thienyl Substituents: Crystal Structure and NMR Investigations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 942-948.	1.2	5
30	Imidazolium Cyclopentadienide Salts and their Use as Cp-Transfer Reagents. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1941-1944.	2.0	5
31	Indirekte und direkte Ankn�pfung von �bergangsmetallen an Silicoide. <i>Angewandte Chemie</i> , 2020, 132, 8610-8614.	2.0	5
32	Transition Metal Complexes of Heavier Vinylidenes: Allylic Coordination vs Vinylidene-Alkyne Rearrangement at Nickel. <i>Journal of the American Chemical Society</i> , 2021, 143, 13350-13357.	13.7	5
33	Modulation of the nuclearity of molecular Mg(μ_2)-phosphates: solid-state structural change involving coordinating solvents. <i>Dalton Transactions</i> , 2019, 48, 8853-8860.	3.3	3
34	Bis(di- <i>tert</i> -butylindenyl)tetrelocenes. <i>Dalton Transactions</i> , 2022, 51, 10714-10720.	3.3	2
35	Reactivity of Phenylacetylene toward Unsymmetrical Disilenes: Regiodivergent [2+2] Cycloaddition vs. CH Addition. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1751-1758.	1.2	1
36	Luminescent Symmetrically and Unsymmetrically Substituted Diboranes(4). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 816-827.	1.2	0

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37	Siliconoid Expansion by a Single Germanium Atom through Isolated Intermediates. <i>Angewandte Chemie</i> , 0, , .	2.0	0