

Zhaowen Dong

List of Publications by Year in descending order

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papers

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516561

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times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal host-guest complexation for efficient and stable perovskite photovoltaics. <i>Nature Communications</i> , 2021, 12, 3383.	5.8	72
2	Reactions of an Isolable Dialkylsilylene with Carbon Dioxide and Related Heterocumulenes. <i>Organometallics</i> , 2014, 33, 5434-5439.	1.1	57
3	Evidence for a Single Electron Shift in a Lewis Acid-Base Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 15419-15424.	6.6	53
4	Hafnocene-based Bicyclo[2.1.1]hexene Germynes Formation, Reactivity, and Structural Flexibility. <i>Journal of the American Chemical Society</i> , 2018, 140, 3052-3060.	6.6	52
5	A Germylene Stabilized by Homoconjugation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15899-15904.	7.2	47
6	A Stable Silylene with a σ -Butadiene Ligand. <i>Journal of the American Chemical Society</i> , 2017, 139, 7117-7123.	6.6	44
7	A Neutral σ -Aminoborole Complex of Germanium(II). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13319-13324.	7.2	38
8	Isolation and characterization of diazoolefins. <i>Nature Chemistry</i> , 2021, 13, 1055-1060.	6.6	36
9	Trialkylsilyl-Substituted Silole and Germole Dianions as Precursors for Unusual Silicon and Germanium Compounds. <i>Accounts of Chemical Research</i> , 2020, 53, 532-543.	7.6	35
10	SET processes in Lewis acid-base reactions: the tritylation of N-heterocyclic carbenes. <i>Chemical Science</i> , 2020, 11, 7615-7618.	3.7	35
11	Trialkylsilyl-Substituted Silole and Germole Dianions. <i>Organometallics</i> , 2018, 37, 4736-4743.	1.1	34
12	Dihydrogen Splitting Using Dialkylsilylene-Based Frustrated Lewis Pairs. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1204-1207.	1.7	29
13	A Dimeric σ -Germole Dianion Bridged Titanium(III) Complex with a Multicenter Ti-Ge-Ti Bond. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8634-8638.	7.2	27
14	A One-Step Germole to Silole Transformation and a Stable Isomer of a Disilabenzene. <i>Chemistry - A European Journal</i> , 2018, 24, 848-854.	1.7	26
15	Triazene-Activated Donor-Acceptor Cyclopropanes: Ring-Opening and (3 + 2) Annulation Reactions. <i>Organic Letters</i> , 2020, 22, 4517-4522.	2.4	19
16	Ein neutraler σ -Germanium(II)-Komplex. <i>Angewandte Chemie</i> , 2018, 130, 13503-13508.	1.6	16
17	Potassium Salts of 2,5-Bis(trimethylsilyl)germolide: Switching between Aromatic and Non-Aromatic States. <i>Chemistry - A European Journal</i> , 2019, 25, 10858-10865.	1.7	16
18	A Germylene Stabilized by Homoconjugation. <i>Angewandte Chemie</i> , 2016, 128, 16131-16136.	1.6	15

#	ARTICLE	IF	CITATIONS
19	A Germacallicene: Synthesis, Structure, and Reactivity. Chemistry - A European Journal, 2019, 25, 1098-1105.	1.7	13
20	Elusive 2H-1,2-oxasiletes through reactions of an isolable dialkylsilylene with diazocarbonyl compounds. Organic and Biomolecular Chemistry, 2015, 13, 9471-9476.	1.5	11
21	Vanadium complexes with N-heterocyclic vinylidene ligands. Chemical Communications, 2022, 58, 4204-4207.	2.2	11
22	1,3-Diazasilabicyclo[1.1.0]butane with a Long Bridging N ⁺ N Bond. Angewandte Chemie - International Edition, 2016, 55, 3758-3762.	7.2	10
23	Tuning the σ -Accepting Properties of Mesoionic Carbenes: A Combined Computational and Experimental Study. Chemistry - A European Journal, 2021, 27, 11983-11988.	1.7	10
24	Reactivity of a Bicyclo[2.1.1]hexene Germylene towards Elemental Chalcogens. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1041-1046.	0.6	8
25	A Dimeric μ_2 - μ_5 -Germole Dianion Bridged Titanium(III) Complex with a Multicenter Ti ⁺ Ge ⁺ Ge ⁺ Ti Bond. Angewandte Chemie, 2018, 130, 8770-8774.	1.6	8
26	Three-membered cyclic digermynes stabilised by an N-heterocyclic carbene. Chemical Science, 2021, 12, 6287-6292.	3.7	8
27	Construction of Functional Superhydrophobic Biochars as Hydrogen Transfer Catalysts for Dehydrogenation of <i>N</i> -Heterocycles. ACS Sustainable Chemistry and Engineering, 2021, 9, 9062-9077.	3.2	7
28	Potassium Salts of 2,5-Bis(trimethylsilyl)germolide: Switching between Aromatic and Non-Aromatic States. Chemistry - A European Journal, 2019, 25, 10767-10767.	1.7	2
29	1,3-Diazasilabicyclo[1.1.0]butane with a Long Bridging N ⁺ N Bond. Angewandte Chemie, 2016, 128, 3822-3826.	1.6	1
30	A Mesoionic Diselenolene Anion and the Corresponding Radical Dianion. Chemistry - A European Journal, 2022, , .	1.7	1