

Caleb D Martin

List of Publications by Year in descending order

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2,676
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218381

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#	ARTICLE	IF	CITATIONS
1	Investigating the Reactions of BiCl_3 , a Diiminopyridine Ligand, and Trimethylsilyl Trifluoromethanesulfonate. <i>Organometallics</i> , 2022, 41, 1197-1203.	1.1	2
2	An International Study Evaluating Elemental Analysis. <i>ACS Central Science</i> , 2022, 8, 855-863.	5.3	33
3	Accessing Boron-Doped Pentaphene Analogues from 12-Boradibenzofluorene. <i>Inorganic Chemistry</i> , 2022, 61, 9595-9604.	1.9	6
4	Li deposited on LiCl: an efficient reducing agent. <i>New Journal of Chemistry</i> , 2021, 45, 14913-14915.	1.4	1
5	Antimony diiminopyridine complexes. <i>Dalton Transactions</i> , 2021, 50, 11716-11719.	1.6	4
6	9-Borafluorenes: Synthesis, Properties, and Reactivity. <i>Chemical Reviews</i> , 2021, 121, 4147-4192.	23.0	72
7	Borataalkene Hydrofunctionalization Reactions. <i>Organometallics</i> , 2021, 40, 1966-1973.	1.1	6
8	Nickel-Borolide Complexes and Their Complex Electronic Structure. <i>Inorganic Chemistry</i> , 2021, 60, 16160-16167.	1.9	3
9	Ligation of Boratabenzene and 9-Borataphenanthrene to Coinage Metals. <i>Inorganic Chemistry</i> , 2021, 60, 18981-18989.	1.9	4
10	Dimeric boroles: effective sources of monomeric boroles for heterocycle synthesis. <i>Chemical Science</i> , 2020, 11, 126-131.	3.7	29
11	Reactions of BCl_3 with Diiminopyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2955-2957.	1.0	3
12	The 9-Borataphenanthrene Anion. <i>Angewandte Chemie</i> , 2020, 132, 11567-11573.	1.6	10
13	The 9-Borataphenanthrene Anion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11470-11476.	7.2	30
14	Synthesis of 9-borafluorene analogues featuring a three-dimensional 1,1-bis(<i>o</i> -carborane) backbone. <i>Chemical Communications</i> , 2019, 55, 2892-2895.	2.2	44
15	Aromaticity of unsaturated BEC_4 heterocycles (E = N, P, As, Sb, O, S, Se, Te). <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18458-18466.	1.3	10
16	Successive carbene insertion into 9-phenyl-9-borafluorene. <i>Dalton Transactions</i> , 2019, 48, 6319-6322.	1.6	22
17	Evaluation of the σ -Donating and π -Accepting Properties of N-Heterocyclic Boryl Anions. <i>Inorganic Chemistry</i> , 2019, 58, 16500-16509.	1.9	18
18	Investigating the reactivity of 9-phenyl-9-borafluorene with N H, O H, P H, and S H bonds. <i>Tetrahedron</i> , 2019, 75, 937-943.	1.0	16

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19	Diverse Reactivity of Dienes with Pentaphenylborole and 1-Phenyl-2,3,4,5-Tetramethylborole Dimer. <i>Chemistry - A European Journal</i> , 2019, 25, 1581-1587.	1.7	22
20	Intermolecular insertion reactions of azides into 9-borafluorenes to generate 9,10-B,N-phenanthrenes. <i>Chemical Communications</i> , 2018, 54, 6808-6811.	2.2	64
21	Iron(II)-Catalyzed Azidotrifluoromethylation of Olefins and N-Heterocycles for Expedient Vicinal Trifluoromethyl Amine Synthesis. <i>ACS Catalysis</i> , 2018, 8, 5032-5037.	5.5	58
22	Boraphosphaalkene Synthesis via Phosphaalkyne Insertion into 9-Borafluorene. <i>Organometallics</i> , 2018, 37, 1515-1518.	1.1	33
23	Coordination and Ring Expansion of 1,2-Dipolar Molecules with 9-Phenyl-9-borafluorene. <i>Organometallics</i> , 2018, 37, 2917-2927.	1.1	38
24	Ring Opening of Epoxides Induced by Pentaphenylborole. <i>Organometallics</i> , 2017, 36, 2581-2587.	1.1	19
25	C-H addition reactivity of 2-phenylpyridine and 2,2'-bipyridine with pentaphenylborole. <i>Dalton Transactions</i> , 2017, 46, 10324-10331.	1.6	14
26	Exploiting Pincer Ligands to Perturb the Geometry at Boron. <i>Chemistry - A European Journal</i> , 2017, 23, 10532-10535.	1.7	17
27	Isomer Dependence on the Reactivity of Diazenes with Pentaphenylborole. <i>Chemistry - A European Journal</i> , 2017, 23, 11437-11444.	1.7	31
28	Oxygen insertion into boroles as a route to 1,2-oxaborines. <i>Chemical Communications</i> , 2016, 52, 6658-6661.	2.2	53
29	Expedient Synthesis of 1,2-Thiaborines by Means of Sulfur Insertion into Boroles. <i>Chemistry - A European Journal</i> , 2016, 22, 18358-18361.	1.7	34
30	Ring expansion reactions of anti-aromatic boroles: a promising synthetic avenue to unsaturated boracycles. <i>Chemical Communications</i> , 2016, 52, 9985-9991.	2.2	94
31	Reactions of pentaphenylborole with main group hydrides. <i>Polyhedron</i> , 2016, 114, 273-277.	1.0	21
32	Reactivity of a Phosphaalkyne with Pentaarylboroles. <i>Organometallics</i> , 2016, 35, 929-931.	1.1	41
33	Probing the reactivity of pentaphenylborole with N-H, O-H, P-H, and S-H bonds. <i>Dalton Transactions</i> , 2016, 45, 9902-9911.	1.6	28
34	Peculiar Reactivity of Isothiocyanates with Pentaphenylborole. <i>Inorganic Chemistry</i> , 2016, 55, 330-337.	1.9	40
35	1,2-Phosphaborines: Hybrid Inorganic/Organic P-B Analogues of Benzene. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12083-12086.	7.2	64
36	Ring Expansion Reactions of Pentaphenylborole with Dipolar Molecules as a Route to Seven-Membered Boron Heterocycles. <i>Inorganic Chemistry</i> , 2015, 54, 1869-1875.	1.9	65

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37	Reactions of Imines, Nitriles, and Isocyanides with Pentaphenylborole: Coordination, Ring Expansion, C-H Bond Activation, and Hydrogen Migration Reactions. <i>Inorganic Chemistry</i> , 2015, 54, 8957-8968.	1.9	50
38	Cross-Coupling Reactions between Stable Carbenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6550-6553.	7.2	36
39	Investigating the ring expansion reaction of pentaphenylborole and an azide. <i>Chemical Communications</i> , 2014, 50, 11724-11726.	2.2	88
40	³¹ P-NMR Chemical Shifts of Carbene-Phosphinidene Adducts as an Indicator of the Accepting Properties of Carbenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2939-2943.	7.2	447
41	Exploring the reactivity of white phosphorus with electrophilic carbenes: synthesis of a P ₄ cage and P ₈ clusters. <i>Chemical Communications</i> , 2013, 49, 4486.	2.2	89
42	Carbene-stabilized main group radicals and radical ions. <i>Chemical Science</i> , 2013, 4, 3020.	3.7	433
43	The Syntheses and Electrochemical Studies of a Ferrocene Substituted Diiminopyridine Ligand and Its P, S, Se, and Te Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 8425-8432.	1.9	20
44	Reactions of Diiminopyridine Ligands with Chalcogen Halides. <i>Inorganic Chemistry</i> , 2012, 51, 2947-2953.	1.9	20
45	Substitution matters: isolating phosphorus diiminopyridine complexes. <i>Dalton Transactions</i> , 2011, 40, 11976.	1.6	29
46	Oxygen, sulfur, selenium, tellurium and polonium. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2011, 107, 110.	0.8	8
47	Bis($\frac{1}{4}$ -diethylphosphido) ² P<i>P</i>bis[bis(2,4,6-trimethylphenyl)indium(III)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1578-m1578.	0.2	1
48	A new approach to internal Lewis pairs featuring a phosphenium acid and a pyridine base. <i>Dalton Transactions</i> , 2010, 39, 11069.	1.6	21
49	Synthesis and Reactivity of Sulfur(II) Dications Stabilized Using Monodentate Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 8164-8172.	1.9	15
50	Reactions of λ^2 -Diimine Ligands with the in Situ Generated α S(OTf) ₂ -Synthon. <i>Inorganic Chemistry</i> , 2010, 49, 4324-4330.	1.9	19
51	Dicationic Sulfur Analogues of N-Heterocyclic Silylenes and Phosphenium Cations. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2210-2213.	7.2	42
52	Remarkably Stable Chalcogen(II) Dications. <i>Journal of the American Chemical Society</i> , 2009, 131, 15126-15127.	6.6	46
53	Synthesis of N,C Bound Sulfur, Selenium, and Tellurium Heterocycles via the Reaction of Chalcogen Halides with λ^3 CH ₃ Substituted Diazabutadiene Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 3239-3247.	1.9	31
54	Preferred Bonding Motif for Indium Aminoethanethiolate Complexes: Structural Characterization of (Me ₂ NCH ₂ CH ₂ S) ₂ InX/SR (X = Cl, I; R = 4-MeC ₆ H ₄ , 4-MeOC ₆ H ₄). <i>Inorganic Chemistry</i> , 2006, 45, 8423-8429.	1.9	16