

Karlee L Bamford

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

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932766

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#	ARTICLE	IF	CITATIONS
1	Activation of H ₂ and Et ₃ SiH by the Borinium Cation [Mes ₂ B] ⁺ : Avenues to Cations [Mes(1/4-H) ₂ (1/4-Mes)BMe] ⁺ and [H ₂ B(1/4-H)(1/4-Mes)B(1/4-Mes)(1/4-H)BH ₂] ⁺ . <i>Journal of the American Chemical Society</i> , 2019, 141, 6188-6184.	6.6	35
2	Hydrostibination. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18096-18101.	7.2	29
3	FLP reduction and hydroboration of phenanthrene o-iminoquinones and 1,2-diimines. <i>Dalton Transactions</i> , 2017, 46, 5308-5319.	1.6	27
4	Interactions of C-F Bonds with Hydridoboranes: Reduction, Borylation and Friedel-Crafts Alkylation. <i>Chemistry - A European Journal</i> , 2018, 24, 16014-16018.	1.7	26
5	Spatial effects on electrospray ionization response. <i>International Journal of Mass Spectrometry</i> , 2015, 388, 1-8.	0.7	18
6	Hydroboration without a B-H bond: reactions of the borinium cation [(iPr ₂ N) ₂ B] ⁺ with alkyne, nitrile, ketone and diazomethane. <i>Chemical Communications</i> , 2019, 55, 5155-5158.	2.2	16
7	Double Phosphinoboration of CO ₂ : A Facile Route to Diphospho-Ureas. <i>Chemistry - A European Journal</i> , 2019, 25, 12063-12067.	1.7	15
8	Zinc-Containing Radical Anions via Single Electron Transfer to Donor-Acceptor Adducts. <i>Chemistry - A European Journal</i> , 2018, 24, 3980-3983.	1.7	13
9	Frustrated Lewis pair-catalyzed double hydroarylation of alkynes with <i>N</i> -substituted pyrroles. <i>Chemical Communications</i> , 2020, 56, 1855-1858.	2.2	13
10	9-Borabicyclo[3.3.1]nonane-induced Friedel-Crafts benzylation of arenes with benzyl fluorides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5258-5261.	1.5	12
11	Bond fission in monocationic frameworks: diverse fragmentation pathways for phosphinophosphonium cations. <i>Chemical Science</i> , 2016, 7, 2544-2552.	3.7	11
12	Hydrostibination. <i>Angewandte Chemie</i> , 2019, 131, 18264-18269.	1.6	8
13	(PNSiMe ₃) ₄ (NMe) ₆ : A Robust Tetravalent Phosphazadamantane Scaffold for Molecular and Macromolecular Construction**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	8
14	Phosphine chalcogenide complexes of antimony(III) halides. <i>Canadian Journal of Chemistry</i> , 2015, 93, 375-379.	0.6	7
15	Insertion reactions of the C-B-N-substituted borinium cation [MesBNiPr ₂] ⁺ . <i>Dalton Transactions</i> , 2020, 49, 17571-17577.	1.6	6
16	Reactions of B ₂ (o-tolyl) ₄ with Boranes: Assembly of the Pentaborane(9), HB[B(o-tolyl)(1/4-H)] ₄ . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8532-8536.	7.2	6
17	Diazaphospholene-Catalyzed Radical Reactions from Aryl Halides**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	6
18	Diazaphospholene-Catalyzed Radical Reactions from Aryl Halides**. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4

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19	Group 13-derived radicals from π -diimines via hydro- and carboalumination reactions. Dalton Transactions, 2020, 49, 11689-11696.	1.6	2
20	Reactions of B ₂ (o- <i>o</i> -tolyl) ₄ with Boranes: Assembly of the Pentaborane(9), HB[B(o- <i>o</i> -tolyl)] ₄ (H). Angewandte Chemie, 2021, 133, 8613-8617.	1.6	2
21	(PNSiMe ₃) ₄ (NMe) ₆ : A Robust Tetravalent Phosphazaadamantane Scaffold for Molecular and Macromolecular Construction. Angewandte Chemie, 0, , .	1.6	2