Kang Yuan

List of Publications by Year
in descending order

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26 papers	907 citations	516710 16 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	1209 citing authors

#	Article	IF	Citations
1	Enhanced N-directed electrophilic Câ€“H borylation generates BNâ€“[5]- and [6]helicenes with improved photophysical properties. Chemical Science, 2022, 13, 1136-1145.	7.4	23
2	Haloboration: scope, mechanism and utility. New Journal of Chemistry, 2021, 45, 14855-14868.	2.8	19
3	Controlling selectivity in N-heterocycle directed borylation of indoles. Organic and Biomolecular Chemistry, 2021, 19, 2949-2958.	2.8	24
4	Zinc catalysed electrophilic Câ€“H borylation of heteroarenes. Chemical Science, 2021, 12, 8190-8198.	7.4	19
5	Formation of a hydride containing amido-zincate using pinacolborane. Dalton Transactions, 2021, 50, 14018-14026.	3.3	3
6	The synthesis of brominated-boron-doped PAHs by alkyne 1,1-bromoboration: mechanistic and functionalisation studies. Chemical Science, 2020, 11, 3258-3267.	7.4	35
7	A Comparison of Two Zinc Hydride Catalysts for Terminal Alkyne Câ€“H Borylation/Hydroboration and the Formation of 1,1,1-Triborylalkanes by Tandem Catalysis Using Znâ€“H and Bâ€“H Compounds. Organometallics, 2020, 39, 1332-1338.	2.3	36
8	Acylâ€Directed orthoâ€Borylation of Anilines and C7 Borylation of Indoles using just BBr₃. Angewandte Chemie, 2019, 131, 15525-15529.	2.0	20
9	Acylâ€Directed orthoâ€Borylation of Anilines and C7 Borylation of Indoles using just BBr₃. Angewandte Chemie - International Edition, 2019, 58, 15381-15385.	13.8	81
10	The opposite and amplifying effect of B â†•N coordination on photophysical properties of regioisomers with an unsymmetrical backbone. Chemical Science, 2019, 10, 1724-1734.	7.4	22
11	Pushâ€“pull isomers of indolizino[6,5,4,3-def]phenanthridine decorated with a triarylboron moiety. Organic and Biomolecular Chemistry, 2019, 17, 6470-6477.	2.8	3
12	Borylative cyclisation of diynes using BCl₃ and borocations. Organic and Biomolecular Chemistry, 2019, 17, 5520-5525.	2.8	15
13	Cascade Dehydrogenative Hydroboration for the Synthesis of Azaborabenzofulvenes. Organic Letters, 2018, 20, 1617-1620.	4.6	11
14	Cleavage of Unstrained Câˆ'C Bonds in Acenes by Boron and Light: Transformation of Naphthalene into Benzoborepin. Angewandte Chemie, 2018, 130, 1085-1089.	2.0	19
15	Stabilising fleeting intermediates of stilbene photocyclization with amino-borane functionalisation: the rare isolation of persistent dihydrophenanthrenes and their [1,5] H-shift isomers. Chemical Science, 2018, 9, 3844-3855.	7.4	32
16	Cleavage of Unstrained Câˆ'C Bonds in Acenes by Boron and Light: Transformation of Naphthalene into Benzoborepin. Angewandte Chemie - International Edition, 2018, 57, 1073-1077.	13.8	54
17	Impact of Ferrocene Substitution on the Electronic Properties of BODIPY Derivatives and Analogues. Inorganic Chemistry, 2018, 57, 14698-14704.	4.0	6
18	trans-Aminoboration across Internal Alkynes Catalyzed by B(C₆F₅)₃ for the Synthesis of Borylated Indoles. Organic Letters, 2017, 19, 1462-1465.	4.6	48

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19	Anion Sensing with a Blue Fluorescent Triarylboron-Functionalized Bisbenzimidazole and Its Bisbenzimidazolium Salt. ACS Omega, 2017, 2, 8625-8632.	3.5	13
20	Spiro-BODIPYs with a Diaryl Chelate: Impact on Aggregation and Luminescence. Journal of Organic Chemistry, 2017, 82, 13481-13487.	3.2	64
21	Donorâ€Appended N,Câ€Chelate Organoboron Compounds: Influence of Donor Strength on Photochromic Behaviour. Chemistry - A European Journal, 2016, 22, 12464-12472.	3.3	44
22	Triarylborane-Supported Polyferrocenyl Systems: Impact of the Linking Unit on Electronic and Electrochemical Properties. Organometallics, 2016, 35, 3051-3059.	2.3	4
23	Pyridyl Directed Catalyst-Free trans-Hydroboration of Internal Alkynes. Organic Letters, 2016, 18, 720-723.	4.6	53
24	One-Pot Synthesis of Brightly Fluorescent Mes₂B-Functionalized Indolizine Derivatives via Cycloaddition Reactions. Organic Letters, 2015, 17, 2486-2489.	4.6	36
25	A Six-Coordinate Ytterbium Complex Exhibiting Easy-Plane Anisotropy and Field-Induced Single-Ion Magnet Behavior. Inorganic Chemistry, 2012, 51, 8538-8544.	4.0	221
26	XtalFluorâ€E effects the C3â€H sulfenylation of indoles to form diâ€indole sulfides. European Journal of Organic Chemistry, 0, , .	2.4	1