

# Kang Yuan

## List of Publications by Year in descending order

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26  
papers

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#	ARTICLE	IF	CITATIONS
1	A Six-Coordinate Ytterbium Complex Exhibiting Easy-Plane Anisotropy and Field-Induced Single-Ion Magnet Behavior. <i>Inorganic Chemistry</i> , 2012, 51, 8538-8544.	4.0	221
2	Acyl- $\alpha$ -Directed <i>ortho</i> -Borylation of Anilines and C7 Borylation of Indoles using just $\text{BBr}_3$ . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15381-15385.	13.8	81
3	Spiro-BODIPYs with a Diaryl Chelate: Impact on Aggregation and Luminescence. <i>Journal of Organic Chemistry</i> , 2017, 82, 13481-13487.	3.2	64
4	Cleavage of Unstrained $\text{C}\text{--}\text{C}$ Bonds in Acenes by Boron and Light: Transformation of Naphthalene into Benzoborepin. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1073-1077.	13.8	54
5	Pyridyl Directed Catalyst-Free <i>trans</i> -Hydroboration of Internal Alkynes. <i>Organic Letters</i> , 2016, 18, 720-723.	4.6	53
6	<i>trans</i> -Aminoboration across Internal Alkynes Catalyzed by $\text{B}(\text{C}_6\text{F}_5)_3$ for the Synthesis of Borylated Indoles. <i>Organic Letters</i> , 2017, 19, 1462-1465.	4.6	48
7	Donor-Appended N-Chelate Organoboron Compounds: Influence of Donor Strength on Photochromic Behaviour. <i>Chemistry - A European Journal</i> , 2016, 22, 12464-12472.	3.3	44
8	One-Pot Synthesis of Brightly Fluorescent $\text{Mes}_2\text{B}$ -Functionalized Indolizine Derivatives via Cycloaddition Reactions. <i>Organic Letters</i> , 2015, 17, 2486-2489.	4.6	36
9	A Comparison of Two Zinc Hydride Catalysts for Terminal Alkyne $\text{C}\text{--}\text{H}$ Borylation/Hydroboration and the Formation of 1,1,1-Triborylalkanes by Tandem Catalysis Using $\text{Zn}\text{--}\text{H}$ and $\text{B}\text{--}\text{H}$ Compounds. <i>Organometallics</i> , 2020, 39, 1332-1338.	2.3	36
10	The synthesis of brominated-boron-doped PAHs by alkyne 1,1-bromoboration: mechanistic and functionalisation studies. <i>Chemical Science</i> , 2020, 11, 3258-3267.	7.4	35
11	Stabilising fleeting intermediates of stilbene photocyclization with amino-borane functionalisation: the rare isolation of persistent dihydrophenanthrenes and their [1,5] H-shift isomers. <i>Chemical Science</i> , 2018, 9, 3844-3855.	7.4	32
12	Controlling selectivity in N-heterocycle directed borylation of indoles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2949-2958.	2.8	24
13	Enhanced N-directed electrophilic $\text{C}\text{--}\text{H}$ borylation generates $\text{BN}\text{--}[5]$ - and $[6]$ helicenes with improved photophysical properties. <i>Chemical Science</i> , 2022, 13, 1136-1145.	7.4	23
14	The opposite and amplifying effect of $\text{B}\text{--}\text{N}$ coordination on photophysical properties of regioisomers with an unsymmetrical backbone. <i>Chemical Science</i> , 2019, 10, 1724-1734.	7.4	22
15	Acyl- $\alpha$ -Directed <i>ortho</i> -Borylation of Anilines and C7 Borylation of Indoles using just $\text{BBr}_3$ . <i>Angewandte Chemie</i> , 2019, 131, 15525-15529.	2.0	20
16	Cleavage of Unstrained $\text{C}\text{--}\text{C}$ Bonds in Acenes by Boron and Light: Transformation of Naphthalene into Benzoborepin. <i>Angewandte Chemie</i> , 2018, 130, 1085-1089.	2.0	19
17	Haloboration: scope, mechanism and utility. <i>New Journal of Chemistry</i> , 2021, 45, 14855-14868.	2.8	19
18	Zinc catalysed electrophilic $\text{C}\text{--}\text{H}$ borylation of heteroarenes. <i>Chemical Science</i> , 2021, 12, 8190-8198.	7.4	19

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19	Borylative cyclisation of diynes using $\text{BCl}_3$ and borocations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5520-5525.	2.8	15
20	Anion Sensing with a Blue Fluorescent Triarylboron-Functionalized Bisbenzimidazole and Its Bisbenzimidazolium Salt. <i>ACS Omega</i> , 2017, 2, 8625-8632.	3.5	13
21	Cascade Dehydrogenative Hydroboration for the Synthesis of Azaborabenzofulvenes. <i>Organic Letters</i> , 2018, 20, 1617-1620.	4.6	11
22	Impact of Ferrocene Substitution on the Electronic Properties of BODIPY Derivatives and Analogues. <i>Inorganic Chemistry</i> , 2018, 57, 14698-14704.	4.0	6
23	Triarylborane-Supported Polyferrocenyl Systems: Impact of the Linking Unit on Electronic and Electrochemical Properties. <i>Organometallics</i> , 2016, 35, 3051-3059.	2.3	4
24	Push-pull isomers of indolizino[6,5,4,3- <i>def</i> ]phenanthridine decorated with a triarylboron moiety. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6470-6477.	2.8	3
25	Formation of a hydride containing amido-zincate using pinacolborane. <i>Dalton Transactions</i> , 2021, 50, 14018-14026.	3.3	3
26	XtalFluor effects the C3-H sulfenylation of indoles to form di-indole sulfides. <i>European Journal of Organic Chemistry</i> , 0, , .	2.4	1