

Jia-Xin Kang

List of Publications by Year in descending order

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papers

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1307594

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#	ARTICLE	IF	CITATIONS
1	Efficient synthesis of primary and secondary amides via reacting esters with alkali metal amidoboranes. <i>Nature Communications</i> , 2021, 12, 5964.	12.8	30
2	Visible light-mediated synthesis of amides from carboxylic acids and amine-boranes. <i>Green Chemistry</i> , 2021, 23, 3595-3599.	9.0	27
3	Iodine-Substituted Lithium/Sodium <i>closo</i> -Decaborates: Syntheses, Characterization, and Solid-State Ionic Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17554-17564.	8.0	26
4	Palladium(ii) complexes supported by PBP and POCOP pincer ligands: a comparison of their structure, properties and catalytic activity. <i>Dalton Transactions</i> , 2019, 48, 17633-17643.	3.3	20
5	Syntheses of Bromo- <i>N</i> -heterocycles through Dibromohydantoin-Promoted Tandem C-H Amination/Bromination. <i>Journal of Organic Chemistry</i> , 2020, 85, 2918-2926.	3.2	17
6	Aggregation-Induced Fluorescence of Carbazole and o-Carborane Based Organic Fluorophore. <i>Frontiers in Chemistry</i> , 2019, 7, 768.	3.6	13
7	Which Type of Pincer Complex Is Thermodynamically More Stable? Understanding the Structures and Relative Bond Strengths of Group 10 Metal Complexes Supported by Benzene-Based PYCYP Pincer Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 18924-18937.	4.0	10
8	Theoretical study on hydrogen storage of pristine bilayer hexagonal boron nitride. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	1.4	6
9	Improved Methods for the Synthesis of KB ₃ H ₈ , NH ₃ B ₃ H ₇ , and N-Alkyl Analogues of NH ₃ B ₃ H ₇ . <i>Inorganic Chemistry</i> , 2021, 60, 18466-18472.	4.0	6
10	Reactivity and mechanisms of hydridic hydrogen of B-H in ammonia borane towards acetic acids: the ammonia B-monoacyloxy boranes. <i>New Journal of Chemistry</i> , 2021, 45, 9904-9911.	2.8	5
11	Theoretical studies on the mechanism and kinetic for CH ₃ CH ₂ O + HO ₂ and CH ₃ CHOH + HO ₂ reactions. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3895.	1.9	4
12	Halogenated sodium/lithium monocarba- <i>closo</i> -decaborates: syntheses, characterization, and solid-state ionic conductivity. <i>Materials Chemistry Frontiers</i> , 2021, 5, 8037-8046.	5.9	4
13	Facile cyclization of sodium aminodiboranate to construct a boron-nitrogen-hydrogen ring. <i>Dalton Transactions</i> , 2020, 49, 16662-16666.	3.3	3
14	A Structure Comparison of Ni(II) Complexes Supported by PNCNP and POCOP Pincer Ligands. <i>ChemistrySelect</i> , 2020, 5, 5205-5209.	1.5	3
15	Coordination mode and stability of the tetrahydroborate ligand in group 10 metal pincer complexes. <i>Dalton Transactions</i> , 0, , .	3.3	3
16	Syntheses, formation mechanisms and structures of a series of linear diborazanes. <i>CrystEngComm</i> , 2021, 23, 404-410.	2.6	2
17	Catalytic effect of water on the HO ₃ +NO formations from the HNO ₃ reaction in tropospheric conditions. <i>Molecular Simulation</i> , 2020, 46, 497-505.	2.0	1
18	Synthesis of K[B ₃ H ₇ NH ₂ BH ₂ NH ₂ B ₃ H ₇] for a K-ion solid-state electrolyte. <i>Chemical Communications</i> , 2022, 58, 4200-4203.		1

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19	Iodine Induced Cyclization of Sodium Aminodiboranate: Reactivity and Mechanisms Investigation. Journal of Organometallic Chemistry, 2022, , 122396.	1.8	0