

Yanchun Guo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pentacoordinated spirophosphorane as Lewis base to activate CO ₂ combining with alkyl halide under mild conditions. <i>Tetrahedron</i> , 2022, , 132777.	1.9	1
2	H ₂ O-promoted Inter- and Intramolecular C-N Bond Formation: Synthesis of Quinazoline Derivatives. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
3	Investigation of the Stereochemical Mechanism of the Nucleophilic Substitution Reaction at Pentacoordinate Phosphorus of Spirophosphorane. <i>Journal of Organic Chemistry</i> , 2021, 86, 4512-4531.	3.2	9
4	Application of pentacoordinated spirophosphorane as a new organocatalyst for the Michael addition reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 936-947.	1.6	5
5	Investigation of Hydrophosphorylation Reaction of Pentacoordinate Hydrospirophosphorane and Electron-deficient Alkenes Catalyzed by Organic Phosphine. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 3028-3033.	2.7	3
6	Gas-phase fragmentation of protonated 3-phenoxy imidazo[1,2-a] pyridines using tandem mass spectrometry and computational chemistry. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4794.	1.6	0
7	Electrospray ionization collision induced dissociation of thieno[3,2-d]pyrimidine derivatives. <i>International Journal of Mass Spectrometry</i> , 2020, 457, 116411.	1.5	1
8	I ₂ -mediated and direct synthesis of 3-phenoxy imidazo heterocycles. <i>Tetrahedron</i> , 2019, 75, 1481-1491.	1.9	5
9	The investigation of substituent effects on the fragmentation pathways of pentacoordinated phenoxy-spirophosphoranes by <i>ESI-MS/MS</i> . <i>Journal of Mass Spectrometry</i> , 2018, 53, 314-322.	1.6	3
10	The investigation on the N-H reactivity of pentacoordinate spirophosphoranes by H/D exchange and NMR experiments. <i>Tetrahedron Letters</i> , 2018, 59, 3833-3838.	1.4	6
11	Fragmentation studies of sartans by electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2017, 52, 591-596.	1.6	10
12	Unlocking the effects of ancillary electron-donors on light absorption and charge recombination in phenanthrocarbazole dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 519-528.	10.3	31
13	The ³ J _{CCNP} Coupling Constants of Pentacoordinate Spirophosphorane Derivatives: As a Method to Assign Relative Configuration. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 925-931.	1.6	8
14	A structurally simple perylene dye with ethynylbenzothiadiazole-benzoic acid as the electron acceptor achieves an over 10% power conversion efficiency. <i>Energy and Environmental Science</i> , 2015, 8, 1438-1442.	30.8	85
15	Dithienopicenocarbazole as the kernel module of low-energy-gap organic dyes for efficient conversion of sunlight to electricity. <i>Energy and Environmental Science</i> , 2015, 8, 3192-3197.	30.8	269
16	Synthesis and Characterization of New Pyrospirophosphoranes Containing a P-O-P Bond by the Atherton-Todd Reaction. <i>Heteroatom Chemistry</i> , 2015, 26, 168-174.	0.7	8
17	Unexpected Insertion of CO ₂ into the Pentacoordinate P-N Bond: Atherton-Todd-Type Reaction of Hydrospirophosphorane with Amines. <i>Journal of Organic Chemistry</i> , 2013, 78, 11283-11293.	3.2	25
18	Preliminary stereochemical investigation of the Atherton-Todd-type reaction between valine hydrospirophosphorane and phenols. <i>Tetrahedron Letters</i> , 2012, 53, 6302-6305.	1.4	30

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19	Fragmentation studies of pentacoordinated bisaminoacylspirophosphoranes by negative electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011, 46, 352-358.	1.6	7
20	Fragmentation of deprotonated cyclic dipeptides by electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1188-1194.	1.6	15
21	Synthesis and evaluation of photophysical properties of β halogenated derivatives of 2-phenylimidazo[1,2-a]pyridine. <i>Chinese Journal of Chemistry</i> , 0, , .	4.9	1