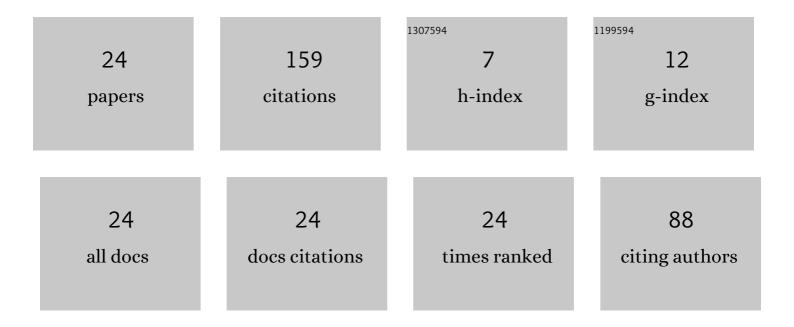
Shuxia Cao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4466708/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Preliminary stereochemical investigation of the Atherton–Todd-type reaction between valine hydrospirophosphorane and phenols. Tetrahedron Letters, 2012, 53, 6302-6305.	1.4	30
2	Unexpected Insertion of CO2 into the Pentacoordinate P–N Bond: Atherton–Todd-Type Reaction of Hydrospirophosphorane with Amines. Journal of Organic Chemistry, 2013, 78, 11283-11293.	3.2	25
3	Amino-catalyzed hydrolysis of amides and esters in the fragmentation by electrospray ionization tandem mass spectrometry using an ion trap. Rapid Communications in Mass Spectrometry, 2003, 17, 1927-1930.	1.5	13
4	Investigation of the Stereochemical Mechanism of the Nucleophilic Substitution Reaction at Pentacoordinate Phosphorus of Spirophosphorane. Journal of Organic Chemistry, 2021, 86, 4512-4531.	3.2	9
5	The ³ <i>J</i> _{CCNP} Coupling Constants of Pentacoordinate Spirophosphorane Derivatives: As a Method to Assign Relative Configuration. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 925-931.	1.6	8
6	Synthesis and Characterization of New Pyrospirophosphoranes Containing a P-O-P Bond by the Atherton-Todd Reaction. Heteroatom Chemistry, 2015, 26, 168-174.	0.7	8
7	Synthesis and Characterization of Alkoxy Spirophosphoranes Prepared from Hydrospirophosphoranes and Sodium Alcoholates. Heteroatom Chemistry, 2016, 27, 63-71.	0.7	8
8	Synthesis of novel spirophosphanes containing a pentacoordinated P–C bond by P-alkylation reaction. Tetrahedron, 2020, 76, 130886.	1.9	8
9	Fragmentation studies of pentacoordinated bisaminoacylspirophosphoranes by negative electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2011, 46, 352-358.	1.6	7
10	The investigation on the N H reactivity of pentacoordinate spirophosphoranes by H/D exchange and NMR experiments. Tetrahedron Letters, 2018, 59, 3833-3838.	1.4	6
11	Progress in the Atherton-Todd reaction and its stereochemical mechanism. Scientia Sinica Chimica, 2015, 45, 283-294.	0.4	6
12	Characterizing the electrospray ionization mass spectral fragmentation pattern of indole derivatives synthesized from 2-keto glycosides. Journal of Mass Spectrometry, 2005, 40, 452-457.	1.6	5
13	I2-mediated and direct synthesis of 3-phenoxy imidazo heterocycles. Tetrahedron, 2019, 75, 1481-1491.	1.9	5
14	Application of pentacoordinated spirophosphorane as a new organocatalyst for the Michael addition reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 936-947.	1.6	5
15	The Investigation of β yclodextrin Noncovalent Complex with Protein or Dipeptide by Electrospray Ionization Mass Spectrometry. Analytical Letters, 2004, 37, 1871-1883.	1.8	4
16	The investigation of substituent effects on the fragmentation pathways of pentacoordinated phenoxyspirophosphoranes by <scp>ESIâ€MSⁿ</scp> . Journal of Mass Spectrometry, 2018, 53, 314-322.	1.6	3
17	Investigation of Hydrophosphorylation Reaction of Pentacoordinate Hydrospirophosphorane and Electronâ€Deficient Alkenes Catalyzed by Organic Phosphine. Asian Journal of Organic Chemistry, 2021, 10, 3028-3033.	2.7	3
18	Investigation of Reaction Mechanism of Amino Acids and Phosphorus Trichloride by 31 P NMR and ESI-MS/MS. Chinese Journal of Chemistry, 2011, 29, 1173-1179.	4.9	2

Shuxia Cao

#	Article	IF	CITATIONS
19	Characterization of N-phosphoryl oligopeptide libraries by ESI-MS and HPLC-MS. International Journal of Peptide Research and Therapeutics, 2003, 10, 631-635.	0.1	1
20	Electrospray ionization collision induced dissociation of thieno[3,2-d]pyrimidine derivatives. International Journal of Mass Spectrometry, 2020, 457, 116411.	1.5	1
21	Pentacoordinated spirophosphoranide as Lewis base to activate CO2 combining with alkyl halide under mild conditions. Tetrahedron, 2022, , 132777.	1.9	1
22	Synthesis and evaluation of photophysical properties of Câ€3 halogenated derivatives of 2â€phenylimidazo[1,2― <i>a</i>]pyridine. Chinese Journal of Chemistry, 0, , .	4.9	1
23	Characterization of N-phosphoryl oligopeptide libraries by ESI-MS and HPLC-MS. International Journal of Peptide Research and Therapeutics, 2003, 10, 631-635.	1.9	Ο
24	Gasâ€phase fragmentation of protonated 3â€phenoxy imidazo[1,2â€a] pyridines using tandem mass spectrometry and computational chemistry. Journal of Mass Spectrometry, 2021, 56, e4794.	1.6	0