Yufen Zhao

List of Publications by Year
in descending order

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29	350	840776 11	888059 17
papers	citations	h-index	g-index

29	29	29	288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Copper-catalyzed cycloaddition between hydrogen phosphonates and activated alkenes: synthesis of phosphonoisoquinolinediones. RSC Advances, 2016, 6, 303-306.	3.6	34
2	Synthesis of 6â€Phenanthridinephosphonates via a Radical Phosphonation and Cyclization Process Mediated by Manganese(III) Acetate. Asian Journal of Organic Chemistry, 2014, 3, 691-694.	2.7	33
3	Engineering of stepwise-targeting chitosan oligosaccharide conjugate for the treatment of acute kidney injury. Carbohydrate Polymers, 2021, 256, 117556.	10.2	31
4	N-phosphorylation of amino acids by trimetaphosphate in aqueous solutionâ€"learning from prebiotic synthesis. Green Chemistry, 2009, 11, 569.	9.0	29
5	N-phosphoryl amino acid models for P-N bonds in prebiotic chemical evolution. Science China Chemistry, 2015, 58, 374-382.	8.2	26
6	Copper-Catalyzed Phosphonylation/Trifluoromethylation of N-p-NO₂-Benzoylacrylamides Coupled with Dearomatization and Denitration. Organic Letters, 2019, 21, 7674-7678.	4.6	19
7	Intermolecular Phosphoryl Transfer of Nâ€Phosphoryl Amino Acids. European Journal of Organic Chemistry, 2011, 2011, 3220-3228.	2.4	18
8	A plausible model correlates prebiotic peptide synthesis with the primordial genetic code. Chemical Communications, 2018, 54, 8598-8601.	4.1	18
9	An AIEgen-based photosensitizer for lysosome imaging and photodynamic therapy in tumor. Sensors and Actuators B: Chemical, 2021, 335, 129698.	7.8	16
10	Widespread arginine phosphorylation in human cellsâ€"a novel protein PTM revealed by mass spectrometry. Science China Chemistry, 2020, 63, 341-346.	8.2	13
11	A mitochondria-targeted dual-functional aggregation-induced emission luminogen for intracellular mitochondrial imaging and photodynamic therapy. Biomaterials Science, 2021, 9, 1232-1236.	5.4	13
12	LC-MS/MS-based non-isotopically paired labeling (NIPL) strategy for the qualification and quantification of monosaccharides. Talanta, 2021, 231, 122336.	5.5	11
13	Radical-induced denitration of N-(p-nitrophenyl)propiolamides coupled with dearomatization: access to phosphonylated/trifluoromethylated azaspiro[4.5]-trienones. Chemical Communications, 2022, 58, 1306-1309.	4.1	11
14	Theoretical Study on the Structural-Function Relationship of Manganese(III)-Iodosylarene Adducts. Frontiers in Chemistry, 2020, 8, 744.	3.6	9
15	Research Progresses of Targeted Therapy and Immunotherapy for Hepatocellular Carcinoma. Current Medicinal Chemistry, 2021, 28, 3107-3146.	2.4	9
16	Synthesis and Characterization of Alkoxy Spirophosphoranes Prepared from Hydrospirophosphoranes and Sodium Alcoholates. Heteroatom Chemistry, 2016, 27, 63-71.	0.7	8
17	Oxyphosphoranes as precursors to bridging phosphate-catecholate ligands. Chemical Communications, 2021, 57, 1194-1197.	4.1	7
18	Theoretical investigation on the elusive biomimetic iron(III)-iodosylarene chemistry: An unusual hydride transfer triggers the Ritter reaction. Chinese Chemical Letters, 2021, 32, 3857-3861.	9.0	7

#	Article	IF	Citations
19	The chameleon-like nature of elusive cobaltâ€“oxygen intermediates in Câ€“H bond activation reactions. Dalton Transactions, 2022, 51, 4317-4323.	3.3	6
20	Analysis of the medication rules of traditional Chinese medicines (TCMs) in treating liver cancer and potential TCMs exploration. Pharmacological Research Modern Chinese Medicine, 2022, 3, 100086.	1.2	5
21	Carboxyl-Based CPMP Tag for Ultrasensitive Analysis of Disaccharides by Negative Tandem Mass Spectrometry. Analytical Chemistry, 2022, 94, 9557-9563.	6.5	5
22	Mixed Anhydrides of Nucleotides and Amino Acids Give Dipeptides: A Model System for Studying the Origin of the Genetic Code?. ChemistrySelect, 2018, 3, 7849-7855.	1.5	4
23	Coupled electron and proton transfer in the piperidine drug metabolism pathway by the active species of cytochromes P450. Dalton Transactions, 2020, 49, 11099-11107.	3.3	4
24	Theoretical studies unveil the unusual bonding in oxygenation reactions involving cobalt(<scp>ii</scp>)-iodylarene complexes. Chemical Communications, 2021, 57, 3115-3118.	4.1	4
25	Prebiotic Chemistry in Aqueous Environment: A Review of Peptide Synthesis and Its Relationship with Genetic Code. Chinese Journal of Chemistry, 2021, 39, 2264-2272.	4.9	4
26	Oneâ€pot synthesis and multiple MS/MS fragmentation studies of phospholysine peptides. Rapid Communications in Mass Spectrometry, 2021, 35, e9186.	1.5	2
27	Which is the real oxidant in the competitive ligand self-hydroxylation and substrate oxidation, a biomimetic iron(II)-hydroperoxo species or an oxo-iron(IV)-hydroxy one?. Dalton Transactions, 2022, , .	3.3	2
28	A mild and concise synthesis of aryloxy phosphoramidate prodrug of alcohols via transesterification reaction. RSC Advances, 2022, 12, 13111-13115.	3.6	2
29	Trimetaphosphate-induced chiral selection between amino acid and nucleoside using 15N-31P coupling NMR. Chinese Chemical Letters, 2022, 33, 821-824.	9.0	0