

Yufen Zhao

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Trimetaphosphate-induced chiral selection between amino acid and nucleoside using ¹⁵ N- ³¹ P coupling NMR. <i>Chinese Chemical Letters</i> , 2022, 33, 821-824.	9.0	0
2	Radical-induced denitration of <i>N</i> -(<i>p</i> -nitrophenyl)propiolamides coupled with dearomatization: access to phosphonylated/trifluoromethylated azaspiro[4.5]-trienones. <i>Chemical Communications</i> , 2022, 58, 1306-1309.	4.1	11
3	The chameleon-like nature of elusive cobalt-oxo intermediates in C-H bond activation reactions. <i>Dalton Transactions</i> , 2022, 51, 4317-4323.	3.3	6
4	Analysis of the medication rules of traditional Chinese medicines (TCMs) in treating liver cancer and potential TCMs exploration. <i>Pharmacological Research Modern Chinese Medicine</i> , 2022, 3, 100086.	1.2	5
5	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?. <i>Dalton Transactions</i> , 2022, . .	3.3	2
6	A mild and concise synthesis of aryloxy phosphoramidate prodrug of alcohols <i>via</i> transesterification reaction. <i>RSC Advances</i> , 2022, 12, 13111-13115.	3.6	2
7	Carboxyl-Based CPMP Tag for Ultrasensitive Analysis of Disaccharides by Negative Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 9557-9563.	6.5	5
8	A mitochondria-targeted dual-functional aggregation-induced emission luminogen for intracellular mitochondrial imaging and photodynamic therapy. <i>Biomaterials Science</i> , 2021, 9, 1232-1236.	5.4	13
9	Oxyphosphoranes as precursors to bridging phosphate-catecholate ligands. <i>Chemical Communications</i> , 2021, 57, 1194-1197.	4.1	7
10	Theoretical studies unveil the unusual bonding in oxygenation reactions involving cobalt(i)-iodylarene complexes. <i>Chemical Communications</i> , 2021, 57, 3115-3118.	4.1	4
11	Engineering of stepwise-targeting chitosan oligosaccharide conjugate for the treatment of acute kidney injury. <i>Carbohydrate Polymers</i> , 2021, 256, 117556.	10.2	31
12	Research Progresses of Targeted Therapy and Immunotherapy for Hepatocellular Carcinoma. <i>Current Medicinal Chemistry</i> , 2021, 28, 3107-3146.	2.4	9
13	Theoretical investigation on the elusive biomimetic iron(III)-iodosylarene chemistry: An unusual hydride transfer triggers the Ritter reaction. <i>Chinese Chemical Letters</i> , 2021, 32, 3857-3861.	9.0	7
14	An AIEgen-based photosensitizer for lysosome imaging and photodynamic therapy in tumor. <i>Sensors and Actuators B: Chemical</i> , 2021, 335, 129698.	7.8	16
15	Prebiotic Chemistry in Aqueous Environment: A Review of Peptide Synthesis and Its Relationship with Genetic Code. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2264-2272.	4.9	4
16	LC-MS/MS-based non-isotopically paired labeling (NIPL) strategy for the qualification and quantification of monosaccharides. <i>Talanta</i> , 2021, 231, 122336.	5.5	11
17	One-pot synthesis and multiple MS/MS fragmentation studies of phospholysine peptides. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9186.	1.5	2
18	Coupled electron and proton transfer in the piperidine drug metabolism pathway by the active species of cytochromes P450. <i>Dalton Transactions</i> , 2020, 49, 11099-11107.	3.3	4

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19	Theoretical Study on the Structural-Function Relationship of Manganese(III)-Iodosylarene Adducts. <i>Frontiers in Chemistry</i> , 2020, 8, 744.	3.6	9
20	Widespread arginine phosphorylation in human cells—a novel protein PTM revealed by mass spectrometry. <i>Science China Chemistry</i> , 2020, 63, 341-346.	8.2	13
21	Copper-Catalyzed Phosphonylation/Trifluoromethylation of <i>N</i> - <i>N</i> -NO ₂ -Benzoylacrylamides Coupled with Dearomatization and Denitration. <i>Organic Letters</i> , 2019, 21, 7674-7678.	4.6	19
22	A plausible model correlates prebiotic peptide synthesis with the primordial genetic code. <i>Chemical Communications</i> , 2018, 54, 8598-8601.	4.1	18
23	Mixed Anhydrides of Nucleotides and Amino Acids Give Dipeptides: A Model System for Studying the Origin of the Genetic Code?. <i>ChemistrySelect</i> , 2018, 3, 7849-7855.	1.5	4
24	Copper-catalyzed cycloaddition between hydrogen phosphonates and activated alkenes: synthesis of phosphonoisoquinolinediones. <i>RSC Advances</i> , 2016, 6, 303-306.	3.6	34
25	Synthesis and Characterization of Alkoxy Spirophosphoranes Prepared from Hydrospirophosphoranes and Sodium Alcoholates. <i>Heteroatom Chemistry</i> , 2016, 27, 63-71.	0.7	8
26	N-phosphoryl amino acid models for P-N bonds in prebiotic chemical evolution. <i>Science China Chemistry</i> , 2015, 58, 374-382.	8.2	26
27	Synthesis of 6-Phenanthridinephosphonates via a Radical Phosphonation and Cyclization Process Mediated by Manganese(III) Acetate. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 691-694.	2.7	33
28	Intermolecular Phosphoryl Transfer of <i>N</i> -Phosphoryl Amino Acids. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3220-3228.	2.4	18
29	N-phosphorylation of amino acids by trimetaphosphate in aqueous solution—learning from prebiotic synthesis. <i>Green Chemistry</i> , 2009, 11, 569.	9.0	29