

Yu-Fen Zhao

List of Publications by Year in descending order

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times ranked

7826
citing authors

#	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	Determination of the Amino Acid Recruitment Order in Early Life by Genome-Wide Analysis of Amino Acid Usage Bias. <i>Biomolecules</i> , 2022, 12, 171.	4.0	4
3	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
4	A chitosan-mediated inhalable nanovaccine against SARS-CoV-2. <i>Nano Research</i> , 2022, 15, 4191-4200.	10.4	28
5	Facile synthesis of novel 3 <i>H</i> -1,5-benzodiazepine-derived aryl <i>C</i> -glycosides by coupling of sugar alkynes, acyl chlorides and 1, 2-phenylenediamine. <i>Journal of Carbohydrate Chemistry</i> , 2022, 41, 28-50.	1.1	1
6	Selection of Amino Acid Chirality Induced by Cyclic Dipeptide Synthesis in Plausible Prebiotic Conditions. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	2.8	2
7	Perovskite as Recyclable Photocatalyst for Annulation Reaction of <i>N</i> -Sulfonyl Ketimines. <i>Organic Letters</i> , 2022, 24, 299-303.	4.6	40
8	STING and TLR7/8 agonists-based nanovaccines for synergistic antitumor immune activation. <i>Nano Research</i> , 2022, 15, 6328-6339.	10.4	13
9	Transport, Stability, and In Vivo Hypoglycemic Effect of a Broccoli-Derived DPP-IV Inhibitory Peptide VPLVM. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4934-4941.	5.2	9
10	Photoredox/copper-catalyzed coupling of terminal alkynes with P(O)SH compounds leading to alkynyl phosphorothioates. <i>Green Chemistry</i> , 2022, 24, 4484-4489.	9.0	14
11	A mechanistic switch in C-H bond activation by elusive Fe ^V (O)(TAML) reaction intermediate: A theoretical study. <i>Chinese Journal of Chemical Physics</i> , 2022, 35, 383-389.	1.3	1
12	Simultaneous analysis of amino acids based on discriminative ¹⁹ F NMR spectroscopy. <i>Bioorganic Chemistry</i> , 2022, 124, 105818.	4.1	3
13	Chinese Medicine Meets Conventional Medicine in Targeting COVID-19 Pathophysiology, Complications and Comorbidities. <i>Chinese Journal of Integrative Medicine</i> , 2022, , .	1.6	1
14	Alanyl-Glutamine Protects against Lipopolysaccharide-Induced Liver Injury in Mice via Alleviating Oxidative Stress, Inhibiting Inflammation, and Regulating Autophagy. <i>Antioxidants</i> , 2022, 11, 1070.	5.1	5
15	Formation of N ⁺ P(O) ⁻ S Bonds from White Phosphorus via a Four-Component Reaction. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2221-2226.	4.3	8
16	H ₂ O ₂ -Promoted Inter- and Intramolecular C-N Bond Formation: Synthesis of Quinazoline Derivatives. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
17	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
18	Visible-light-induced denitrogenative phosphorylation of benzotriazinones: a metal- and additive-free method for accessing <i>ortho</i> -phosphorylated benzamide derivatives. <i>Green Chemistry</i> , 2021, 23, 296-301.	9.0	21

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19	Palladium-catalyzed C–P cross-coupling of allenic alcohols with <i>N</i> -phosphonates leading to 2-phosphinoyl-1,3-butadienes. <i>Chemical Communications</i> , 2021, 57, 339-342.	4.1	13
20	Visible-light-induced metal-free cascade cyclization of <i>N</i> -arylpropiolamides to 3-phosphorylated, trifluoromethylated and thiocyanated azaspiro[4.5]trienones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 760-766.	4.5	50
21	A sensitive and rapid detection of glutathione based on a fluorescence-enhanced "turn-on" strategy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3563-3572.	5.8	15
22	Different phosphorylation and farnesylation patterns tune Rnd3–14-3-3 interaction in distinct mechanisms. <i>Chemical Science</i> , 2021, 12, 4432-4442.	7.4	2
23	Oxyphosphoranes as precursors to bridging phosphate-catecholate ligands. <i>Chemical Communications</i> , 2021, 57, 1194-1197.	4.1	7
24	Protein arginine phosphorylation in organisms. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 414-422.	7.5	15
25	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
26	Effects of Comonomers on the Performance of Stable Phosphonate-Based Gel Terpolymer Electrolytes for Sodium-Ion Batteries with Ultralong Cycling Stability. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25024-25035.	8.0	11
27	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
28	The Regioselective Functionalization Reaction of Unprotected Carbazoles with Donor–Acceptor Cyclopropanes. <i>Journal of Organic Chemistry</i> , 2021, 86, 9189-9199.	3.2	9
29	Diphenyl Diselenide-Catalyzed Synthesis of Triaryl Phosphites and Triaryl Phosphates from White Phosphorus. <i>Organic Letters</i> , 2021, 23, 5158-5163.	4.6	19
30	Cyclic Dipeptides Formation From Linear Dipeptides Under Potentially Prebiotic Earth Conditions. <i>Frontiers in Chemistry</i> , 2021, 9, 675821.	3.6	4
31	Efficient synthesis of novel indolizine C-nucleoside analogues via coupling of sugar alkynes, pyridines and α -bromo carbonyl compounds in one pot. <i>Carbohydrate Research</i> , 2021, 505, 108337.	2.3	1
32	Synthesis of Chiral Propargylamines, Chiral 1,2-Dihydronaphtho[2,1- <i>b</i>]furans and Naphtho[2,1- <i>b</i>]furans with α -alkynyl <i>N</i> -acyl- α -diazocarbonyl- β -aminals and β -naphthols. <i>Chemistry - A European Journal</i> , 2021, 27, 12884-12889.	3.2	6
33	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
34	Immunometabolism and potential targets in severe COVID-19 peripheral immune responses. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 665-667.	9.1	3
35	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
36	Mitochondria-targeted NIR fluorescent probe for sensing Hg ²⁺ /HSO ₃ ⁻ and its intracellular applications. <i>Talanta</i> , 2021, 234, 122606.	5.5	35

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37	Synthesis of $\hat{\Gamma}$ -phosphorothiolated alcohols by photoredox/copper catalyzed remote C(sp ³) $\hat{\Gamma}$ H phosphorothiolation of <i>N</i> -alkoxy pyridinium salts. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6845-6850.	4.5	14
38	Magnetic particles as promising circulating tumor cell catchers assisting liquid biopsy in cancer diagnosis: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 145, 116453.	11.4	18
39	Primary Research of the Relationship between Genetic Codons and Amino Acids Based on the Technology of Electronic Tongue. <i>Acta Chimica Sinica</i> , 2021, 79, 1372.	1.4	0
40	Gas-phase fragmentation of protonated 3-phenoxy imidazo[1,2- <i>a</i>] pyridines using tandem mass spectrometry and computational chemistry. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4794.	1.6	0
41	Photoinduced Phosphorylation/Cyclization of Cyanoaromatics for Divergent Access to Mono- and Diphosphorylated Polyheterocycles. <i>Organic Letters</i> , 2021, 23, 9348-9352.	4.6	13
42	Fully Synthetic Invariant NKT Cell-Dependent Self-Adjuvanting Antitumor Vaccines Eliciting Potent Immune Response in Mice. <i>Molecular Pharmaceutics</i> , 2020, 17, 417-425.	4.6	24
43	Inhibition of K-Ras4B-plasma membrane association with a membrane microdomain-targeting peptide. <i>Chemical Science</i> , 2020, 11, 826-832.	7.4	6
44	NMR-based investigation into protein phosphorylation. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 53-63.	7.5	15
45	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with <i>ortho</i> -Dithiophenols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3671-3677.	13.8	13
46	Nondestructive capture, release, and detection of circulating tumor cells with cystamine-mediated folic acid decorated magnetic nanospheres. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9971-9979.	5.8	20
47	Palladium-Catalyzed Addition/Cyclization of (2-Hydroxyaryl)boronic Acids with Alkynylphosphonates: Access to Phosphacoumarins. <i>Organic Letters</i> , 2020, 22, 8156-8160.	4.6	5
48	Synthesis of mixed phosphorotrithioates from white phosphorus. <i>Green Chemistry</i> , 2020, 22, 8353-8359.	9.0	29
49	Theoretical Study on the Structural-Function Relationship of Manganese(III)-Iodosylarene Adducts. <i>Frontiers in Chemistry</i> , 2020, 8, 744.	3.6	9
50	Role of metal cations and oxyanions in the regulation of protein arginine phosphatase activity of YwE from <i>Bacillus subtilis</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129698.	2.4	4
51	Imaging Hg ²⁺ -Induced Oxidative Stress by NIR Molecular Probe with $\hat{\Gamma}$ Dual-Key-and-Lock $\hat{\Gamma}$ Strategy. <i>Analytical Chemistry</i> , 2020, 92, 12002-12009.	6.5	51
52	Organocatalytic Atroposelective Construction of Axially Chiral <i>N</i> -Aryl Benzimidazoles Involving Carbon $\hat{\Gamma}$ Carbon Bond Cleavage. <i>Organic Letters</i> , 2020, 22, 6382-6387.	4.6	36
53	Visible-Light-Induced Phosphorylation of Imidazo-Fused Heterocycles under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 14744-14752.	3.2	29
54	Novel flame retardant rigid spirocyclic biphosphate based copolymer gel electrolytes for sodium ion batteries with excellent high-temperature performance. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22962-22968.	10.3	22

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55	A three-channel fluorescent probe to image mitochondrial stress. <i>Chemical Communications</i> , 2020, 56, 7710-7713.	4.1	27
56	TfOH-Catalyzed Phosphinylation of 2,3-Allenols into β -Ketophosphine Oxides. <i>Journal of Organic Chemistry</i> , 2020, 85, 8185-8195.	3.2	14
57	Direct synthesis of phosphorotrithioites and phosphorotrithioates from white phosphorus and thiols. <i>Green Chemistry</i> , 2020, 22, 5303-5309.	9.0	26
58	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
59	Synthesis of 2-phenoxy-2-oxo-1,4,2-oxazaphosphinanes from a three component reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 359-366.	1.6	3
60	Copper-Catalyzed Remote C(sp ³)–H Phosphorothiolation of Sulfonamides and Carboxamides in a Multicomponent Reaction. <i>Organic Letters</i> , 2020, 22, 1760-1764.	4.6	54
61	The polymerization capability of alkenyl phosphates and application as gel copolymer electrolytes for lithium ion batteries with high flame-retardancy. <i>Reactive and Functional Polymers</i> , 2020, 149, 104535.	4.1	7
62	Concise synthesis of thiophene C-nucleoside analogues bearing sugar residues and aromatic residues through dimerization and sulfur heterocyclization of sugar alkynes and substituted iodoethynylbenzene. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1800-1805.	2.8	6
63	pH-Dependent Adsorption of Peptides on Montmorillonite for Resisting UV Irradiation. <i>Life</i> , 2020, 10, 45.	2.4	6
64	Reductive stress imaging in the endoplasmic reticulum by using living cells and zebrafish. <i>Chemical Communications</i> , 2019, 55, 9629-9632.	4.1	34
65	Palladium-Catalyzed Domino Heck/Phosphorylation towards 3,3-Disubstituted Phosphinonyloxindoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4961-4965.	4.3	10
66	Synthesis of het(aryl) imidazole C-nucleoside analogues by CoFe ₂ O ₄ NPs catalyzed multi-component coupling reaction. <i>Carbohydrate Research</i> , 2019, 477, 39-50.	2.3	4
67	Air-induced One-Pot Synthesis of N-Sulfonylformamidines from Sulfonyl Chlorides, NaN ₃ , and Tertiary/Secondary Amines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6071-6076.	2.4	12
68	Copper-Catalyzed Phosphonylation/Trifluoromethylation of N-p-NO ₂ -Benzoylacrylamides Coupled with Dearomatization and Denitration. <i>Organic Letters</i> , 2019, 21, 7674-7678.	4.6	19
69	Three-component 3-(phosphoryl)methylindole synthesis from indoles, H-phosphine oxides and carbonyl compounds under metal-free conditions. <i>Green Chemistry</i> , 2019, 21, 792-797.	9.0	20
70	Solution structure and backbone dynamics for S1 domain of ribosomal protein S1 from <i>Mycobacterium tuberculosis</i> . <i>European Biophysics Journal</i> , 2019, 48, 491-501.	2.2	6
71	Visible-Light Induced Radical Perfluoroalkylation/Cyclization Strategy To Access 2-Perfluoroalkylbenzothiazoles/Benzoselenazoles by EDA Complex. <i>Organic Letters</i> , 2019, 21, 4019-4024.	4.6	121
72	Iodide-Catalyzed Phosphorothiolation of Heteroarenes Using P(O)H Compounds and Elemental Sulfur. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3210-3216.	4.3	39

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73	Stable cross-linked gel terpolymer electrolyte containing methyl phosphonate for sodium ion batteries. <i>Journal of Membrane Science</i> , 2019, 583, 163-170.	8.2	27
74	An External-Catalyst-Free Trifluoromethylation/Cyclization Strategy To Access Trifluoromethylated-Dihydroisoquinolinones/Indolines with Togni Reagent II. <i>Organic Letters</i> , 2019, 21, 1863-1867.	4.6	38
75	Copper-catalyzed one-pot three-component thioamination of 1,4-naphthoquinone. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1476-1480.	4.5	64
76	Photoredox-catalyzed cascade annulation of <i>N</i> -propargylindoles with sulfonyl chlorides: access to 2-sulfonated 9 <i>H</i> -pyrrolo[1,2- <i>a</i>]indoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2873-2876.	2.8	26
77	Temperature-dependent synthesis of vinyl sulfones and β -hydroxy sulfones from <i>t</i> -butylsulfonamide and alkenes under aerobic conditions. <i>New Journal of Chemistry</i> , 2019, 43, 17941-17945.	2.8	5
78	Copper-Catalyzed C4-H Regioselective Phosphorylation/Trifluoromethylation of Free 1-Naphthylamines. <i>Organic Letters</i> , 2019, 21, 486-489.	4.6	56
79	Copper-Catalyzed Direct Twofold C-P Cross-Coupling of Unprotected Propargylic 1,4-Diols: Access to 2,3-Bis(diarylphosphynyl)-1,3-butadienes. <i>Organic Letters</i> , 2019, 21, 579-583.	4.6	18
80	Applications of <i>H</i> -phosphonates for C element bond formation. <i>Pure and Applied Chemistry</i> , 2019, 91, 33-41.	1.9	47
81	Exploring the Roles of Post-Translational Modifications in the Pathogenesis of Parkinson's Disease Using Synthetic and Semisynthetic Modified β -Synuclein. <i>ACS Chemical Neuroscience</i> , 2019, 10, 910-921.	3.5	21
82	DNA/Lysozyme-binding affinity study of novel peptides from TAT (47-57) and BRCA1 (782-786) in vitro by spectroscopic analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 109-117.	3.9	4
83	Visible-light-mediated direct synthesis of phosphorothioates as potent anti-inflammatory agents from white phosphorus. <i>Organic Chemistry Frontiers</i> , 2019, 6, 190-194.	4.5	35
84	A long-wavelength-emitting fluorescent probe for simultaneous discrimination of H ₂ S/Cys/GSH and its bio-imaging applications. <i>Talanta</i> , 2019, 196, 145-152.	5.5	53
85	TDP-43 specific reduction induced by Di-hydrophobic tags conjugated peptides. <i>Bioorganic Chemistry</i> , 2019, 84, 254-259.	4.1	31
86	Silver-catalyzed decarboxylative radical cascade cyclization toward benzimidazo[2,1- <i>a</i>]isoquinolin-6(5 <i>H</i>)-ones. <i>Chemical Communications</i> , 2019, 55, 2861-2864.	4.1	114
87	The investigation of substituent effects on the fragmentation pathways of pentacoordinated phenoxyspirophosphoranes by <i>ESI-MS</i> . <i>Journal of Mass Spectrometry</i> , 2018, 53, 314-322.	1.6	3
88	Prebiotic formation of cyclic dipeptides under potentially early Earth conditions. <i>Scientific Reports</i> , 2018, 8, 936.	3.3	39
89	Synthesis and characterization of novel 1,2,3-triazoles containing a 1-hydroxyalkane-1,1-bisphosphonate substituent. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 206-210.	1.6	3
90	Selective Formation of Ser-His Dipeptide via Phosphorus Activation. <i>Origins of Life and Evolution of Biospheres</i> , 2018, 48, 213-222.	1.9	8

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91	Novel safer phosphonate-based gel polymer electrolytes for sodium-ion batteries with excellent cycling performance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6559-6564.	10.3	63
92	An efficient synthesis of 2-Aminoethylidene-1,1-Bisphosphonates derivatives via Michael addition reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 149-154.	1.6	1
93	Non-covalent interaction between CA ²⁺ TAT and calf thymus DNA: Deciphering the binding mode by in vitro studies. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1354-1360.	7.5	23
94	Evolutionary relationships between seryl-histidine dipeptide and modern serine proteases from the analysis based on mass spectrometry and bioinformatics. <i>Amino Acids</i> , 2018, 50, 69-77.	2.7	5
95	A Visible-Light-Promoted Metal-Free Strategy towards Arylphosphonates: Organic-Dye-Catalyzed Phosphorylation of Arylhydrazines with Trialkylphosphites. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4807-4813.	4.3	82
96	Silver-Catalyzed Radical Cascade Cyclization toward 1,5-/1,3-Dicarbonyl Heterocycles: An Atom-/Step-Economical Strategy Leading to Chromenopyridines and Isoxazole-/Pyrazole-Containing Chroman-4-Ones. <i>Organic Letters</i> , 2018, 20, 6157-6160.	4.6	75
97	Cascade Annulation of 2-Alkynylthioanisoles with Unsaturated α -Bromocarbonyls Leading to Thio-Benzobicyclic Skeletons. <i>Journal of Organic Chemistry</i> , 2018, 83, 13726-13733.	3.2	9
98	Copper-Catalyzed Radical Cascade Cyclization To Access 3-Sulfonated Indenones with the AIE Phenomenon. <i>Journal of Organic Chemistry</i> , 2018, 83, 14419-14430.	3.2	74
99	Oxidative C(sp ³) α -H amidation of tertiary arylamines with nitriles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2860-2863.	4.5	8
100	Silver-catalyzed decarboxylative cascade radical cyclization of <i>tert</i> -carboxylic acids and <i>o</i> -(allyloxy)arylaldehydes towards chroman-4-one derivatives. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2925-2929.	4.5	70
101	Phosphorus Radical-Initiated Cascade Reaction To Access 2-Phosphoryl-Substituted Quinoxalines. <i>Journal of Organic Chemistry</i> , 2018, 83, 11727-11735.	3.2	69
102	Copper-Catalyzed Direct Oxidative α -H Functionalization of Unactivated Cycloalkanes into Cycloalkyl Benzo[b]phosphole Oxides. <i>Organic Letters</i> , 2018, 20, 3455-3459.	4.6	31
103	Cobalt-Catalyzed Oxidative C(sp ³) α -H Phosphonylation for α -Aminophosphonates via C(sp ³) α -H/P(O) α -H Coupling. <i>Journal of Organic Chemistry</i> , 2018, 83, 6754-6761.	3.2	46
104	Appraisal of an oligomerization behavior of unprotected carbohydrates induced by phosphorus reagent. <i>Science China Chemistry</i> , 2018, 61, 243-250.	8.2	3
105	A plausible model correlates prebiotic peptide synthesis with the primordial genetic code. <i>Chemical Communications</i> , 2018, 54, 8598-8601.	4.1	18
106	A $\text{turn-off}^{\text{TM}}$ SERS assay for kinase detection based on arginine N-phosphorylation process. <i>Talanta</i> , 2018, 189, 353-358.	5.5	16
107	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
108	NMR-based metabolomic analysis of the effects of alanyl-glutamine supplementation on C2C12 myoblasts injured by energy deprivation. <i>RSC Advances</i> , 2018, 8, 16114-16125.	3.6	12

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109	Differential Modulation of the Aggregation of N-Terminal Truncated A β using Cucurbiturils. Chemistry - A European Journal, 2018, 24, 13647-13653.	3.3	19
110	<i>De Novo</i> Design To Synthesize Lanthipeptides Involving Cascade Cysteine Reactions: SapB Synthesis as an Example. Journal of Organic Chemistry, 2018, 83, 7528-7533.	3.2	13
111	Recent Advances of Phosphorus-Centered Radical Promoted Difunctionalization of Unsaturated Carbon-Carbon Bonds. Chinese Journal of Organic Chemistry, 2018, 38, 62.	1.3	31
112	One-Pot Synthesis of Aryl Pyrazole C-Nucleoside Analogs of Pyrazofurin from Sugar Alkynes. European Journal of Organic Chemistry, 2017, 2017, 1443-1449.	2.4	11
113	A Concise Synthesis of Novel Aryl Pyrimidine C-Nucleoside Analogs from Sugar Alkynes. Asian Journal of Organic Chemistry, 2017, 6, 561-565.	2.7	0
114	Recent progress toward organophosphorus compounds based on phosphorus-centered radical difunctionalizations. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 589-596.	1.6	72
115	Phosphorylation at Ser8 as an Intrinsic Regulatory Switch to Regulate the Morphologies and Structures of Alzheimer's 40-residue A β 40 Fibrils. Journal of Biological Chemistry, 2017, 292, 2611-2623.	3.4	29
116	Iodine-Mediated Sulfonylation of Quinoline N-Oxides: a Mild and Metal-Free One-Pot Synthesis of 2-Sulfonyl Quinolines. Asian Journal of Organic Chemistry, 2017, 6, 492-495.	2.7	50
117	Synthesis of (E)- β -iodovinyl sulfones via DTBP/I ₂ promoted difunctionalization of alkynes with sodium benzenesulfonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 391-396.	1.6	13
118	A direct metal-free C-H functionalization of quinoline N-oxides: a highly selective amination and alkylation strategy towards 2-substituted quinolines. Organic Chemistry Frontiers, 2017, 4, 1595-1600.	4.5	56
119	Stable isotope N-phosphoryl amino acids labeling for quantitative profiling of amine-containing metabolites using liquid chromatography mass spectrometry. Analytica Chimica Acta, 2017, 978, 24-34.	5.4	29
120	Semi-synthesis of murine prion protein by native chemical ligation and chemical activation for preparation of polypeptide-thioester. Journal of Peptide Science, 2017, 23, 438-444.	1.4	8
121	H-phosphonate mediated sulfonylation of 2-substituted quinoline N-oxides: One-pot strategy for the synthesis of 3/4-sulfonylquinoline derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 887-895.	1.6	3
122	Phosphorylation Weakens but Does Not Inhibit Membrane Binding and Clustering of K-Ras4B. ACS Chemical Biology, 2017, 12, 1703-1710.	3.4	33
123	Mn(OAc) ₃ -Mediated Synthesis of 3-Phosphonyldihydrofurans from β -Ketophosphonates and Alkenes. Synlett, 2017, 28, 724-728.	1.8	4
124	Copper-Catalyzed Cascade Radical Addition-Cyclization Halogen Atom Transfer between Alkynes and Unsaturated α -Halogenocarbonyls. ACS Catalysis, 2017, 7, 186-190.	11.2	35
125	Self-Assembled Nano-Immunostimulant for Synergistic Immune Activation. ChemBioChem, 2017, 18, 1721-1729.	2.6	15
126	A theoretical study on the mechanism of ruthenium(II)-catalyzed phosphoryl-directed ortho-selective C-H bond activations: the phosphoryl hydroxy group triggered Ru(II)/Ru(0) catalytic cycle. Organic Chemistry Frontiers, 2017, 4, 1482-1492.	4.5	14

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127	Chitosan nanoparticles based nanovaccines for cancer immunotherapy. <i>Pure and Applied Chemistry</i> , 2017, 89, 931-939.	1.9	21
128	Direct synthesis of 2-sulfonated 9H-pyrrolo[1,2-a]indoles via NaI-catalyzed cascade radical addition/cyclization/isomerization. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1350-1353.	4.5	40
129	Visible Light as a Sole Requirement for Intramolecular C(sp ³) ⁺ H Imination. <i>Organic Letters</i> , 2017, 19, 1994-1997.	4.6	60
130	Acetonitrile-dependent oxyphosphorylation: A mild one-pot synthesis of β -ketophosphonates from alkenyl acids or alkenes. <i>Tetrahedron</i> , 2017, 73, 2439-2446.	1.9	37
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