

Yu-Fen Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6469401/publications.pdf>

Version: 2024-02-01

437
papers

9,536
citations

36203

51
h-index

76769

74
g-index

439
all docs

439
docs citations

439
times ranked

7826
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Aerobic Oxidative Coupling of Terminal Alkynes with α -Phosphonates Leading to Alkynylphosphonates. <i>Journal of the American Chemical Society</i> , 2009, 131, 7956-7957.	6.6	268
2	Lysosomal-Targeted Two-Photon Fluorescent Probe to Sense Hypochlorous Acid in Live Cells. <i>Analytical Chemistry</i> , 2017, 89, 10384-10390.	3.2	191
3	An Inexpensive and Efficient Copper Catalyst for N -Arylation of Amines, Amides and Nitrogen-Containing Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2197-2202.	2.1	150
4	Specific Knockdown of Endogenous Tau Protein by Peptide-Directed Ubiquitin-Proteasome Degradation. <i>Cell Chemical Biology</i> , 2016, 23, 453-461.	2.5	147
5	Copper-Catalyzed Amidation of sp^3 C-H Bonds Adjacent to a Nitrogen Atom. <i>Organic Letters</i> , 2007, 9, 3813-3816.	2.4	143
6	Catalytic hydroboration of aldehydes, ketones, alkynes and alkenes initiated by NaOH. <i>Green Chemistry</i> , 2017, 19, 4169-4175.	4.6	126
7	α - C^{β} and α - C^{γ} : similarities and differences. <i>Journal of Peptide Science</i> , 2015, 21, 522-529.	0.8	124
8	Stereospecific Coupling of α -Phosphinates and Secondary Phosphine Oxides with Amines and Alcohols: A General Method for the Preparation of Optically Active Organophosphorus Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 3890-3892.	1.7	121
9	Visible-Light Induced Radical Perfluoroalkylation/Cyclization Strategy To Access 2-Perfluoroalkylbenzothiazoles/Benzoselenazoles by EDA Complex. <i>Organic Letters</i> , 2019, 21, 4019-4024.	2.4	121
10	General and Efficient Copper-Catalyzed Amidation of Saturated C-H Bonds Using α -Halosuccinimides as the Oxidants. <i>Journal of Organic Chemistry</i> , 2008, 73, 6207-6212.	1.7	116
11	Silver-catalyzed decarboxylative radical cascade cyclization toward benzimidazo[2,1- α]isoquinolin-6(5 α)-ones. <i>Chemical Communications</i> , 2019, 55, 2861-2864.	2.2	114
12	H-phosphonate-mediated sulfonylation of heteroaromatic N -oxides: a mild and metal-free one-pot synthesis of 2-sulfonyl quinolines/pyridines. <i>Chemical Communications</i> , 2015, 51, 12111-12114.	2.2	111
13	Sequestration of Copper from $\text{A}\beta$ -Amyloid Promotes Selective Lysis by Cyclen-Hybrid Cleavage Agents. <i>Journal of Biological Chemistry</i> , 2008, 283, 31657-31664.	1.6	109
14	Copper-Catalyzed Decarboxylative C^{α} - P Cross-Coupling of Alkynyl Acids with H-Phosphine Oxides: A Facile and Selective Synthesis of (E)-1-Alkenylphosphine Oxides. <i>Organic Letters</i> , 2014, 16, 4464-4467.	2.4	93
15	Main group metal-ligand cooperation of N -heterocyclic germylene: an efficient catalyst for hydroboration of carbonyl compounds. <i>Chemical Communications</i> , 2016, 52, 13799-13802.	2.2	91
16	Palladium(II)-Catalyzed Hydration of Alkynylphosphonates to β -Ketophosphonates. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2427-2432.	2.1	90
17	t -Butyl Hydroperoxide Mediated Cascade Synthesis of 3-Arylsulfonylquinolines. <i>Organic Letters</i> , 2016, 18, 1286-1289.	2.4	89
18	A one-pot strategy to synthesize β -ketophosphonates: silver/copper catalyzed direct oxyphosphorylation of alkynes with H-phosphonates and oxygen in the air. <i>Chemical Communications</i> , 2015, 51, 3846-3849.	2.2	85

#	ARTICLE	IF	CITATIONS
19	Phosphorothiolation of Aryl Boronic Acids Using P(O)H Compounds and Elemental Sulfur. <i>Organic Letters</i> , 2016, 18, 1266-1269.	2.4	84
20	Oligomerization of N,O-Bis(trimethylsilyl)- β -amino Acids into Peptides Mediated by o-Phenylene Phosphorochloridate. <i>Journal of the American Chemical Society</i> , 1999, 121, 291-295.	6.6	83
21	Silver catalyzed decarboxylative direct C2-alkylation of benzothiazoles with carboxylic acids. <i>Chemical Communications</i> , 2014, 50, 2018.	2.2	83
22	Quick and highly efficient copper-catalyzed cycloaddition of aliphatic and aryl azides with terminal alkynes in water. <i>Green Chemistry</i> , 2008, 10, 452.	4.6	82
23	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.	2.1	82
24	A Cascade Phosphinoylation/Cyclization/Desulfonylation Process for the Synthesis of 3-Phosphinoylindoles. <i>Organic Letters</i> , 2016, 18, 1242-1245.	2.4	81
25	Synthesis of a Diverse Series of Phosphacoumarins with Biological Activity. <i>Organic Letters</i> , 2005, 7, 4919-4922.	2.4	80
26	Phosphorylation induces distinct alpha-synuclein strain formation. <i>Scientific Reports</i> , 2016, 6, 37130.	1.6	79
27	Copper-Catalyzed Cycloaddition of Sulfonyl Azides with Alkynes to Synthesize <i>N</i> -Sulfonyltriazoles on Water™ at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1830-1834.	2.1	78
28	Copper-Catalyzed Synthesis of Alkylphosphonates from <i>H</i> -Phosphonates and <i>N</i> -Tosylhydrazones. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2659-2664.	2.1	77
29	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.	2.4	75
30	Vanadium-Catalyzed Enantioselective Sulfoxidation and Concomitant, Highly Efficient Kinetic Resolution Provide High Enantioselectivity and Acceptable Yields of Sulfoxides. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1933-1936.	2.1	74
31	Copper-Catalyzed Radical Cascade Cyclization To Access 3-Sulfonated Indenones with the AIE Phenomenon. <i>Journal of Organic Chemistry</i> , 2018, 83, 14419-14430.	1.7	74
32	KOH-mediated transition metal-free synthesis of imines from alcohols and amines. <i>Green Chemistry</i> , 2012, 14, 2384.	4.6	72
33	Direct Transformation of Amides into β -Amino Phosphonates via a Reductive Phosphination Process. <i>Organic Letters</i> , 2013, 15, 4214-4217.	2.4	72
34	Recent progress toward organophosphorus compounds based on phosphorus-centered radical difunctionalizations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 589-596.	0.8	72
35	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.	2.3	70
36	Phosphorus Radical-Initiated Cascade Reaction To Access 2-Phosphoryl-Substituted Quinoxalines. <i>Journal of Organic Chemistry</i> , 2018, 83, 11727-11735.	1.7	69

#	ARTICLE	IF	CITATIONS
37	Nickel(II)-Magnesium-Catalyzed Cross-Coupling of 1,1-Dibromoalkenes with Diphenylphosphine Oxide: One-Pot Synthesis of α -Alkenylphosphine Oxides or Bisphosphine Oxides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 659-666.	2.1	68
38	Peroxides as "Switches" of Dialkyl α -Phosphonate: Two Mild and Metal-Free Methods for Preparation of 2-Acylbenzothiazoles and Dialkyl Benzothiazol-2-ylphosphonates. <i>Journal of Organic Chemistry</i> , 2014, 79, 8407-8416.	1.7	68
39	Copper-catalyzed one-pot three-component thioamination of 1,4-naphthoquinone. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1476-1480.	2.3	64
40	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.	5.2	63
41	Visible Light as a Sole Requirement for Intramolecular $C(sp^3)$ -H Imination. <i>Organic Letters</i> , 2017, 19, 1994-1997.	2.4	60
42	$K_2S_2O_8$ -mediated metal-free direct P^H/C^H functionalization: a convenient route to benzo[b]phosphole oxides from unactivated alkynes. <i>Green Chemistry</i> , 2016, 18, 3522-3526.	4.6	59
43	Copper-Catalyzed Cycloaddition between Secondary Phosphine Oxides and Alkynes: Synthesis of Benzophosphole Oxides. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 138-142.	2.1	57
44	Cascade Phosphinylation/Cyclization/Isomerization Process for the Synthesis of 2-Phosphinoyl- α -pyrrolo[1,2- a]indoles. <i>Organic Letters</i> , 2016, 18, 5712-5715.	2.4	56
45	A direct metal-free C^H functionalization of quinoline N-oxides: a highly selective amination and alkylation strategy towards 2-substituted quinolines. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1595-1600.	2.3	56
46	Copper-Catalyzed C^H Regioselective Phosphorylation/Trifluoromethylation of Free 1-Naphthylamines. <i>Organic Letters</i> , 2019, 21, 486-489.	2.4	56
47	A Simple Copper-Catalyzed Cascade Synthesis of 2-Amino- α -indole- β -carboxylate Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1033-1038.	2.1	55
48	Mechanism of Nickel-Catalyzed Selective C^N Bond Activation in Suzuki-Miyaura Cross-Coupling of Amides: A Theoretical Investigation. <i>Journal of Organic Chemistry</i> , 2016, 81, 11686-11696.	1.7	55
49	Synthesis of S -Aryl Phosphorothioates by Copper-Catalyzed Phosphorothiolation of Diaryliodonium and Arenediazonium Salts. <i>Journal of Organic Chemistry</i> , 2016, 81, 5588-5594.	1.7	55
50	Copper-Catalyzed Synthesis of 1,2,4-Benzothiadiazine 1,1-Dioxide Derivatives by Coupling of 2-Halobenzenesulfonamides with Amidines. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1999-2004.	2.1	54
51	Copper-Catalyzed Remote $C(sp^3)$ -H Phosphorothiolation of Sulfonamides and Carboxamides in a Multicomponent Reaction. <i>Organic Letters</i> , 2020, 22, 1760-1764.	2.4	54
52	Substituent effects and mechanism elucidation of enantioselective sulfoxidation catalyzed by vanadium Schiff base complexes. <i>New Journal of Chemistry</i> , 2005, 29, 1125.	1.4	53
53	Palladium-Catalyzed C^P Cross-Coupling of Arylhydrazines with H -Phosphonates α -via C^N Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2948-2954.	2.1	53
54	A long-wavelength-emitting fluorescent probe for simultaneous discrimination of H_2S /Cys/GSH and its bio-imaging applications. <i>Talanta</i> , 2019, 196, 145-152.	2.9	53

#	ARTICLE	IF	CITATIONS
55	Imaging Hg ²⁺ -Induced Oxidative Stress by NIR Molecular Probe with "Dual-Key-and-Lock" Strategy. <i>Analytical Chemistry</i> , 2020, 92, 12002-12009.	3.2	51
56	Iodine-Mediated Sulfonation of Quinoline N-Oxides: a Mild and Metal-Free One-Pot Synthesis of 2-Sulfonyl Quinolines. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 492-495.	1.3	50
57	Visible-light-induced metal-free cascade cyclization of N-arylpropiolamides to 3-phosphorylated, trifluoromethylated and thiocyanated azaspiro[4.5]trienones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 760-766.	2.3	50
58	Tetrabutylammonium Iodide-Catalyzed Phosphorylation of Benzyl C-H Bonds via a Cross-Dehydrogenative Coupling (CDC) Reaction. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3331-3335.	2.1	48
59	Phosphoryl group participation leads to peptide formation from N-phosphorylamino acids. <i>International Journal of Peptide and Protein Research</i> , 1992, 39, 375-381.	0.1	47
60	Consecutive visible-light photoredox decarboxylative couplings of adipic acid active esters with alkynyl sulfones leading to cyclic compounds. <i>Chemical Communications</i> , 2016, 52, 8862-8864.	2.2	47
61	Applications of H-phosphonates for C element bond formation. <i>Pure and Applied Chemistry</i> , 2019, 91, 33-41.	0.9	47
62	A highly sensitive and selective turn-on fluorescent probe for sulfite and its application in biological imaging. <i>New Journal of Chemistry</i> , 2015, 39, 6284-6288.	1.4	46
63	Ag-mediated cascade decarboxylative coupling and annulation: a convenient route to 2-phosphinobenzo[b]phosphole oxides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8221-8231.	1.5	46
64	Cobalt-Catalyzed Oxidative C(sp ³)-H Phosphonylation for α -Aminophosphonates via C(sp ³)-H/P(O)-H Coupling. <i>Journal of Organic Chemistry</i> , 2018, 83, 6754-6761.	1.7	46
65	Synthesis of Tn/T Antigen MUC1 Glycopeptide BSA Conjugates and Their Evaluation as Vaccines. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3685-3689.	1.2	45
66	Phosphoryl amino acids: Common origin for nucleic acids and protein. <i>Journal of Biological Physics</i> , 1995, 20, 283-287.	0.7	44
67	Quantum chemical study of cyclic dipeptides. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 745-753.	1.0	43
68	Copper-Catalyzed Phosphonation-Annulation Approaches to the Synthesis of β -Phosphonotetrahydrofurans Involving C-P and C-O Bonds Formation. <i>Journal of Organic Chemistry</i> , 2015, 80, 11398-11406.	1.7	42
69	Three N-stabilized rhodamine-based fluorescent probes for Al ³⁺ via Al ³⁺ -promoted hydrolysis of Schiff bases. <i>New Journal of Chemistry</i> , 2015, 39, 342-348.	1.4	42
70	Simultaneous formation of peptides and nucleotides from n-phosphothreonine. <i>Origins of Life and Evolution of Biospheres</i> , 1996, 26, 547-560.	0.8	41
71	Mn(OAc) ₃ -mediated synthesis of β -hydroxyphosphonates from P(O)-H compounds and alkenes. <i>RSC Advances</i> , 2014, 4, 51776-51779.	1.7	41
72	A fluorescence ratiometric chemosensor for Fe ³⁺ based on TBET and its application in living cells. <i>Talanta</i> , 2014, 128, 69-74.	2.9	41

#	ARTICLE	IF	CITATIONS
73	Self-activation of <i>N</i> -phosphoamino acids and <i>N</i> -phosphodipeptides in oligopeptide formation. <i>International Journal of Peptide and Protein Research</i> , 1995, 45, 514-518.	0.1	40
74	A new FRET ratiometric fluorescent chemosensor for Hg ²⁺ and its application in living EC 109 cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 549-554.	2.0	40
75	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.	2.3	40
76	Hydrophobic tagging-mediated degradation of Alzheimer's disease related Tau. <i>RSC Advances</i> , 2017, 7, 40362-40366.	1.7	40
77	Perovskite as Recyclable Photocatalyst for Annulation Reaction of <i>N</i> -Sulfonyl Ketimines. <i>Organic Letters</i> , 2022, 24, 299-303.	2.4	40
78	H ₂ O ₂ -Mediated Amination of Quinoline <i>N</i> -Oxides with Tertiary Amines: A Mild and Metal-Free Synthesis of <i>N,N</i> -Dialkylaminoquinolines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1979-1985.	2.1	39
79	Copper-Catalyzed Direct Coupling of Unprotected Propargylic Alcohols with P(O)H Compounds: Access to Allenylphosphoryl Compounds under Ligand- and Base-Free Conditions. <i>Organic Letters</i> , 2016, 18, 6066-6069.	2.4	39
80	Prebiotic formation of cyclic dipeptides under potentially early Earth conditions. <i>Scientific Reports</i> , 2018, 8, 936.	1.6	39
81	Iodide-Catalyzed Phosphorothiolation of Heteroarenes Using P(O)H Compounds and Elemental Sulfur. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3210-3216.	2.1	39
82	A novel quantification method for analysis of twenty natural amino acids in human serum based on N-phosphorylation labeling using reversed-phase liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 836, 61-71.	2.6	38
83	An External-Catalyst-Free Trifluoromethylation/Cyclization Strategy To Access Trifluoromethylated-Dihydroisoquinolinones/Indolines with Togni Reagent II. <i>Organic Letters</i> , 2019, 21, 1863-1867.	2.4	38
84	Concentration effects in solid-state CD spectra of chiral atropisomeric compounds. <i>New Journal of Chemistry</i> , 2011, 35, 1781.	1.4	37
85	Acetonitrile-dependent oxyphosphorylation: A mild one-pot synthesis of β -ketophosphonates from alkenyl acids or alkenes. <i>Tetrahedron</i> , 2017, 73, 2439-2446.	1.0	37
86	A new rosamine-based fluorescent chemodosimeter for hydrogen sulfide and its bioimaging in live cells. <i>New Journal of Chemistry</i> , 2016, 40, 6384-6388.	1.4	36
87	Organocatalytic Atroposelective Construction of Axially Chiral <i>N</i> -Aryl Benzimidazoles Involving Carbon-Carbon Bond Cleavage. <i>Organic Letters</i> , 2020, 22, 6382-6387.	2.4	36
88	Copper-Catalyzed Cascade Radical Addition-Cyclization Halogen Atom Transfer between Alkynes and Unsaturated α -Halogenocarbonyls. <i>ACS Catalysis</i> , 2017, 7, 186-190.	5.5	35
89	Visible-light-mediated direct synthesis of phosphorothioates as potent anti-inflammatory agents from white phosphorus. <i>Organic Chemistry Frontiers</i> , 2019, 6, 190-194.	2.3	35
90	Mitochondria-targeted NIR fluorescent probe for sensing Hg ²⁺ /HSO ₃ ⁻ and its intracellular applications. <i>Talanta</i> , 2021, 234, 122606.	2.9	35

#	ARTICLE	IF	CITATIONS
91	Efficient Copper-Catalyzed Synthesis of <i>N</i> -Alkylanthranilic Acids via an <i>ortho</i> -Substituent Effect of the Carboxyl Group of <i>o</i> -Halobenzoic Acids at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1671-1676.	2.1	34
92	The phosphoethynolate anion reacts with unsaturated bonds: DFT investigations into [2+2], [3+2] and [4+2] cycloadditions. <i>Chemical Communications</i> , 2014, 50, 11347-11349.	2.2	34
93	Copper-catalyzed cycloaddition between hydrogen phosphonates and activated alkenes: synthesis of phosphoisoquinolinediones. <i>RSC Advances</i> , 2016, 6, 303-306.	1.7	34
94	A Multiheteroatom [3,3]-Sigmatropic Rearrangement: Disproportionative Entries into 2-(<i>N</i> -Heteroaryl)methyl Phosphates and α -Keto Phosphates. <i>Organic Letters</i> , 2017, 19, 5864-5867.	2.4	34
95	Reductive stress imaging in the endoplasmic reticulum by using living cells and zebrafish. <i>Chemical Communications</i> , 2019, 55, 9629-9632.	2.2	34
96	Synthesis of <i>6</i> -Phenanthridinephosphonates via a Radical Phosphonation and Cyclization Process Mediated by Manganese(III) Acetate. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 691-694.	1.3	33
97	Two-dimensional countercurrent chromatography – high performance liquid chromatography for preparative isolation of toad venom. <i>Journal of Chromatography A</i> , 2014, 1331, 80-89.	1.8	33
98	Phosphorylation Weakens but Does Not Inhibit Membrane Binding and Clustering of K-Ras4B. <i>ACS Chemical Biology</i> , 2017, 12, 1703-1710.	1.6	33
99	ESI-MS study on the fragmentation of protonated cyclic-dipeptides. <i>Spectroscopy</i> , 2009, 23, 131-139.	0.8	32
100	Synthesis of α -Ketosulfones by using Sulfonyl Chloride as a Sulfur Source. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 878-881.	1.3	31
101	Copper-Catalyzed Direct Oxidative C-H Functionalization of Unactivated Cycloalkanes into Cycloalkyl Benzo[b]phosphole Oxides. <i>Organic Letters</i> , 2018, 20, 3455-3459.	2.4	31
102	TDP-43 specific reduction induced by Di-hydrophobic tags conjugated peptides. <i>Bioorganic Chemistry</i> , 2019, 84, 254-259.	2.0	31
103	Recent Advances of Phosphorus-Centered Radical Promoted Difunctionalization of Unsaturated Carbon-Carbon Bonds. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 62.	0.6	31
104	Highly Efficient Copper-Catalyzed Synthesis of Internal Alkynes via Aerobic Oxidative Arylation of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 458-462.	2.1	30
105	Phosphorus oxychloride as an efficient coupling reagent for the synthesis of esters, amides and peptides under mild conditions. <i>RSC Advances</i> , 2013, 3, 16247-16250.	1.7	30
106	Synthesis of Novel Biomimetic Zwitterionic Phosphorylcholine-Bound Chitosan Derivative. <i>Macromolecular Rapid Communications</i> , 2006, 27, 548-552.	2.0	29
107	N-phosphorylation of amino acids by trimetaphosphate in aqueous solution – learning from prebiotic synthesis. <i>Green Chemistry</i> , 2009, 11, 569.	4.6	29
108	General and efficient copper-catalyzed aerobic oxidative synthesis of N-fused heterocycles using amino acids as the nitrogen source. <i>RSC Advances</i> , 2013, 3, 15636.	1.7	29

#	ARTICLE	IF	CITATIONS
109	TBAI-catalyzed oxidative C-H functionalization: a new route to benzo[b]phosphole oxides. <i>Chemical Communications</i> , 2016, 52, 2815-2818.	2.2	29
110	Phosphorylation at Ser8 as an Intrinsic Regulatory Switch to Regulate the Morphologies and Structures of Alzheimer's 40-residue β -Amyloid (A β 40) Fibrils. <i>Journal of Biological Chemistry</i> , 2017, 292, 2611-2623.	1.6	29
111	Stable isotope N -phosphoryl amino acids labeling for quantitative profiling of amine-containing metabolites using liquid chromatography mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 978, 24-34.	2.6	29
112	Synthesis of mixed phosphorotrithioates from white phosphorus. <i>Green Chemistry</i> , 2020, 22, 8353-8359.	4.6	29
113	Visible-Light-Induced Phosphorylation of Imidazo-Fused Heterocycles under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 14744-14752.	1.7	29
114	Chirality at phosphorus in pentacoordinate spirophosphoranes: stereochemistry by X-ray structure and spectroscopic analysis. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3020.	1.5	28
115	Nickel-Catalyzed One-Pot Tandem 1,4-1,2-Addition of P(O)H Compounds to 1,10-Phenanthrolines. <i>Journal of Organic Chemistry</i> , 2015, 80, 1192-1199.	1.7	28
116	Plasmon Modes Induced by Anisotropic Gap Opening in Au@Cu ₂ O Nanorods. <i>Small</i> , 2016, 12, 4264-4276.	5.2	28
117	A novel rosamine-based fluorescent probe for bisulfite in aqueous solution. <i>RSC Advances</i> , 2016, 6, 103905-103909.	1.7	28
118	A chitosan-mediated inhalable nanovaccine against SARS-CoV-2. <i>Nano Research</i> , 2022, 15, 4191-4200.	5.8	28
119	A bis(rhodamine)-based highly sensitive and selective fluorescent chemosensor for Hg(ii) in aqueous media. <i>New Journal of Chemistry</i> , 2012, 36, 1961.	1.4	27
120	Synthesis of 3-phosphinoquinolines via a phosphinylation-cyclization-aromatization process mediated by tert-butyl hydroperoxide. <i>RSC Advances</i> , 2016, 6, 60922-60925.	1.7	27
121	Stable cross-linked gel terpolymer electrolyte containing methyl phosphonate for sodium ion batteries. <i>Journal of Membrane Science</i> , 2019, 583, 163-170.	4.1	27
122	A three-channel fluorescent probe to image mitochondrial stress. <i>Chemical Communications</i> , 2020, 56, 7710-7713.	2.2	27
123	N-phosphoryl amino acid models for P-N bonds in prebiotic chemical evolution. <i>Science China Chemistry</i> , 2015, 58, 374-382.	4.2	26
124	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.	1.5	26
125	Direct synthesis of phosphorotrithioites and phosphorotrithioates from white phosphorus and thiols. <i>Green Chemistry</i> , 2020, 22, 5303-5309.	4.6	26
126	Highly Efficient Iron(II) Chloride/Bromosuccinimide-Mediated Synthesis of Imides and Acylsulfonamides. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 246-252.	2.1	24

#	ARTICLE	IF	CITATIONS
127	Experimental and theoretical studies on nickel–zinc-catalyzed cross-coupling of gem-dibromoalkenes with P(O)–H compounds. <i>RSC Advances</i> , 2014, 4, 2322-2326.	1.7	24
128	Stability, Reactivity, Selectivity, Catalysis, and Predictions of 1,3,2,5-Diazadiborinine: Computational Insight into a Boron–Boron Frustrated Lewis Pair. <i>Journal of Organic Chemistry</i> , 2015, 80, 8790-8795.	1.7	24
129	Development of a stable phosphoarginine analog for producing phosphoarginine antibodies. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1925-1929.	1.5	24
130	Phosphinodifluoroalkylation of alkynes using P(O)H compounds and ethyl difluoroiodoacetate. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2054-2057.	2.3	24
131	Fully Synthetic Invariant NKT Cell-Dependent Self-Adjuvanting Antitumor Vaccines Eliciting Potent Immune Response in Mice. <i>Molecular Pharmaceutics</i> , 2020, 17, 417-425.	2.3	24
132	Zn(OTf) ₂ -Catalyzed Phosphinylation of Propargylic Alcohols: Access to β -Ketophosphine Oxides. <i>Journal of Organic Chemistry</i> , 2017, 82, 11659-11666.	1.7	23
133	Non-covalent interaction between CA–TAT and calf thymus DNA: Deciphering the binding mode by in vitro studies. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1354-1360.	3.6	23
134	Identification of self-assembly products from N-phosphoamino acids by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1491-1493.	0.7	22
135	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.	5.2	22
136	Novel high phosphorus content phosphaphenanthrene-based efficient flame retardant additives for lithium-ion battery. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 319-324.	2.0	21
137	CuSO ₄ ·5H ₂ O–Phosphonate–Catalyzed Intermolecular C–S Bond Formation: Synthesis of <i>ortho</i> -Vinyl Alkylsulfones from Alkynes and DMSO. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 314-319.	1.2	21
138	Two new reversible naphthalimide-based fluorescent chemosensors for Hg ²⁺ . <i>Luminescence</i> , 2016, 31, 992-996.	1.5	21
139	Chitosan nanoparticles based nanovaccines for cancer immunotherapy. <i>Pure and Applied Chemistry</i> , 2017, 89, 931-939.	0.9	21
140	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.	1.7	21
141	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.	4.6	21
142	Phosphoryl transfer reaction of phospho-histidine. <i>Heteroatom Chemistry</i> , 1993, 4, 415-419.	0.4	20
143	Rearrangement of P-N to P-O bonds in mass spectra of N-diisopropoxyphosphoryl amino acids/alcohols. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1936-1940.	0.7	20
144	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.	4.6	20

#	ARTICLE	IF	CITATIONS
145	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.	2.9	20
146	Synthesis and Characterization of Side Group-Modified Cyclotetraphosphazene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 281-286.	0.8	19
147	Exploring the binding mechanism of thioflavin-T to the β -amyloid peptide by blind docking method. <i>Science China Chemistry</i> , 2012, 55, 112-117.	4.2	19
148	Synthesis of Diarylmethanes through Palladium-Catalyzed Coupling of Benzylic Phosphates with Arylsilanes. <i>Synlett</i> , 2014, 25, 2928-2932.	1.0	19
149	Mechanism, catalysis and predictions of 1,3,2-diazaphospholenes: theoretical insight into highly polarized P-X bonds. <i>Organic Chemistry Frontiers</i> , 2016, 3, 423-433.	2.3	19
150	Differential Modulation of the Aggregation of N-Terminal Truncated A β using Cucurbiturils. <i>Chemistry - A European Journal</i> , 2018, 24, 13647-13653.	1.7	19
151	Copper-Catalyzed Phosphonylation/Trifluoromethylation of <i>N</i> -NO ₂ -Benzoylacrylamides Coupled with Dearomatization and Denitration. <i>Organic Letters</i> , 2019, 21, 7674-7678.	2.4	19
152	Diphenyl Diselenide-Catalyzed Synthesis of Triaryl Phosphites and Triaryl Phosphates from White Phosphorus. <i>Organic Letters</i> , 2021, 23, 5158-5163.	2.4	19
153	Metal Complexes of a Multidentate Cyclophosphazene with Imidazole-Containing Side Chains for Hydrolyses of Phosphoesters - Bimolecular vs. Intramolecular Dinuclear Pathway. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 674-682.	1.0	18
154	Intermolecular Phosphoryl Transfer of <i>N</i> -Phosphoryl Amino Acids. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3220-3228.	1.2	18
155	Copper-Catalyzed Sequential <i>N</i> -Arylation and Aerobic Oxidation: Synthesis of Quinazoline Derivatives. <i>Synlett</i> , 2013, 24, 2089-2094.	1.0	18
156	Cross-linking copolymers of acrylates-gel electrolytes with high conductivity for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2013-2018.	1.2	18
157	A plausible model correlates prebiotic peptide synthesis with the primordial genetic code. <i>Chemical Communications</i> , 2018, 54, 8598-8601.	2.2	18
158	Copper-Catalyzed Direct Twofold C-P Cross-Coupling of Unprotected Propargylic 1,4-Diols: Access to 2,3-Bis(diarylphosphinyl)-1,3-butadienes. <i>Organic Letters</i> , 2019, 21, 579-583.	2.4	18
159	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.	5.8	18
160	PHOSPHORYL PROMOTION AND DIFFERENTIATION EFFECT ON AMINO ACIDS AND PREBIOTIC SYNTHESIS OF PROTEIN. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995, 101, 117-123.	0.8	17
161	Synthesis, Characterizations, and Crystal Structures of β -Hydroxyphosphonic Acid Esters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 2182-2193.	0.8	17
162	Synthesis and Properties of a Novel FRET-Based Ratiometric Fluorescent Sensor for Cu ²⁺ . <i>Journal of Fluorescence</i> , 2016, 26, 769-774.	1.3	17

#	ARTICLE	IF	CITATIONS
163	A "turn-off" SERS assay for kinase detection based on arginine N-phosphorylation process. <i>Talanta</i> , 2018, 189, 353-358.	2.9	16
164	On the Electrophilicity of Cyclic Acylphosphoramidates (CAPAs) Postulated as Intermediates. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3026-3035.	1.2	15
165	Efficient Solvent-Free Knoevenagel Condensation Between β -Diketone and Aldehyde Catalyzed by Silica Sulfuric Acid. <i>Synthetic Communications</i> , 2011, 41, 347-356.	1.1	15
166	Mn(OAc) ₃ -mediated arylation-lactonization of alkenoic acids: synthesis of β,β -disubstituted butyrolactones. <i>RSC Advances</i> , 2015, 5, 36167-36170.	1.7	15
167	Self-Assembled Nano-Immunostimulant for Synergistic Immune Activation. <i>ChemBioChem</i> , 2017, 18, 1721-1729.	1.3	15
168	NMR-based investigation into protein phosphorylation. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 53-63.	3.6	15
169	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.	2.9	15
170	Protein arginine phosphorylation in organisms. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 414-422.	3.6	15
171	Electrospray ionization mass spectra of amino acid phosphoramidates of adenosine. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1813-1822.	0.7	14
172	Penta-coordinate phosphorous compounds and biochemistry. <i>Science in China Series B: Chemistry</i> , 2002, 45, 337-348.	0.8	14
173	Synthesis of Novel Phosphoric Esters of Flavone and Isoflavone by Atherton-Todd Reaction. <i>Synthetic Communications</i> , 2004, 34, 493-499.	1.1	14
174	Effect of the Phosphate Group with Different Negative Charges on the Conformation of Phosphorylated Ser/Thr-Pro Motif. <i>International Journal of Peptide Research and Therapeutics</i> , 2005, 11, 159-165.	0.9	14
175	A theoretical study on the mechanism of ruthenium(II)-catalyzed phosphoryl-directed <i>ortho</i> -selective C-H bond activations: the phosphoryl hydroxy group triggered Ru(II)/Ru(O) catalytic cycle. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1482-1492.	2.3	14
176	Selective inhibition of cancer cells by enzyme-induced gain of function of phosphorylated melittin analogues. <i>Chemical Science</i> , 2017, 8, 7675-7681.	3.7	14
177	TfOH-Catalyzed Phosphinylation of 2,3-Allenols into β -Ketophosphine Oxides. <i>Journal of Organic Chemistry</i> , 2020, 85, 8185-8195.	1.7	14
178	Synthesis of β -phosphorothiolated alcohols by photoredox/copper catalyzed remote C(sp ³)-H phosphorothiolation of <i>N</i> -alkoxyppyridinium salts. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6845-6850.	2.3	14
179	Photoredox/copper-catalyzed coupling of terminal alkynes with P(O)SH compounds leading to alkynyl phosphorothioates. <i>Green Chemistry</i> , 2022, 24, 4484-4489.	4.6	14
180	Synthesis and Mass Spectrometry of 2-Hydroxyethyl 1-Aminoalkylphosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 25-33.	0.8	13

#	ARTICLE	IF	CITATIONS
181	Synthesis and Spectroscopic Characterization of Some New Piperazine Phosphoramidate Derivatives of 4-Hydroxycoumarin. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 245-254.	0.8	13
182	Rhodium-Catalyzed Hydrosilylation Reaction of <i>N</i> -Sulfonyl-1,2,3-Triazoles with Triphenylsilane: Access to Diverse Compounds. European Journal of Organic Chemistry, 2015, 2015, 4471-4480.	1.2	13
183	Palladium-Catalyzed Domino Addition and Cyclization of Arylboronic Acids with 3-Hydroxyprop-1-yn-1-yl Phosphonates Leading to 1,2-Oxaphospholenes. Journal of Organic Chemistry, 2015, 80, 6908-6914.	1.7	13
184	Synthetic MUC1 Antitumor Vaccine Candidates with Varied Glycosylation Pattern Bearing <i>R/S</i> -configured Pam ₃ CysSerLys ₄ . ChemBioChem, 2016, 17, 1412-1415.	1.3	13
185	Copper-catalyzed decarboxylative C~P cross coupling of arylpropionic acids with dialkyl hydrazinylphosphonates leading to alkynylphosphonates. Synthetic Communications, 2016, 46, 1175-1181.	1.1	13
186	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.	0.8	13
187	A Direct C2-Selective Phenoxylation and Alkoxylation of Quinoline <i>N</i> -Oxides with Various Phenols and Alcohols in the Presence of <i>H</i> -Phosphonate. European Journal of Organic Chemistry, 2017, 2017, 5125-5130.	1.2	13
188	<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.	1.7	13
189	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with <i>ortho</i> -Dithiophenols. Angewandte Chemie - International Edition, 2020, 59, 3671-3677.	7.2	13
190	Widespread arginine phosphorylation in human cells—a novel protein PTM revealed by mass spectrometry. Science China Chemistry, 2020, 63, 341-346.	4.2	13
191	Palladium-catalyzed C~P cross-coupling of allenic alcohols with <i>H</i> -phosphonates leading to 2-phosphinoyl-1,3-butadienes. Chemical Communications, 2021, 57, 339-342.	2.2	13
192	Photoinduced Phosphorylation/Cyclization of Cyanoaromatics for Divergent Access to Mono- and Diphosphorylated Polyheterocycles. Organic Letters, 2021, 23, 9348-9352.	2.4	13
193	STING and TLR7/8 agonists-based nanovaccines for synergistic antitumor immune activation. Nano Research, 2022, 15, 6328-6339.	5.8	13
194	Rearrangement with formamide extrusion in the electrospray mass spectra of aminoacylbenzylamines. Rapid Communications in Mass Spectrometry, 2001, 15, 1489-1493.	0.7	12
195	Theoretical and experimental studies on the Raman spectra of electrosynthesized polynaphthalene. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 241-251.	2.4	12
196	Cycloaddition reaction of phosphonyl nitrile oxides to phosphacetylene and alkene. Heteroatom Chemistry, 2009, 20, 95-100.	0.4	12
197	Silica Phosphoric Acid: An Efficient and Recyclable Catalyst for the Solvent-Free Synthesis of Acylals and Their Deprotection in MeOH. Synthetic Communications, 2010, 40, 3240-3250.	1.1	12
198	NMR-based metabolomic analysis of the effects of alanyl-glutamine supplementation on C2C12 myoblasts injured by energy deprivation. RSC Advances, 2018, 8, 16114-16125.	1.7	12

#	ARTICLE	IF	CITATIONS
199	Airâ€induced Oneâ€Pot Synthesis of <i>N</i> -Sulfonylformamidines from Sulfonyl Chlorides, NaN ₃ , and Tertiary/Secondary Amines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6071-6076.	1.2	12
200	PHOSPHORYL GROUP PARTICIPATION IN THE REACTIONS OF N-PHOSPHORYLDIPEPTIDE ACIDS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992, 66, 107-114.	0.8	11
201	Cleavage of BSA by a dipeptide seryl-histidine. <i>International Journal of Peptide Research and Therapeutics</i> , 2000, 7, 325-329.	0.1	11
202	Differentiation of ?-COOH from ?-COOH in aspartic acids by N-phosphorylation. <i>International Journal of Quantum Chemistry</i> , 2001, 83, 41-51.	1.0	11
203	Synthesis and Characterization of Bidentate Cyclotriphosphazene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 2202-2207.	0.8	11
204	Oneâ€Pot Synthesis of Aryl Pyrazole <i>C</i> -Nucleoside Analogs of Pyrazofurin from Sugar Alkynes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1443-1449.	1.2	11
205	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.	4.0	11
206	LC-MS/MS-based non-isotopically paired labeling (NIPL) strategy for the qualification and quantification of monosaccharides. <i>Talanta</i> , 2021, 231, 122336.	2.9	11
207	Radical-induced denitration of <i>N</i> -(<i>p</i> -nitrophenyl)propiolamides coupled with dearomatization: access to phosphorylated/trifluoromethylated azaspiro[4.5]-trienones. <i>Chemical Communications</i> , 2022, 58, 1306-1309.	2.2	11
208	Negative-ion fast atom bombardment mass spectrometry of N-phosphoamino acids. <i>Organic Mass Spectrometry</i> , 1994, 29, 201-204.	1.3	10
209	Phosphoryl group differentiating ?-amino acids from ?- and ?-amino acids in prebiotic peptide formation. <i>International Journal of Quantum Chemistry</i> , 2003, 94, 232-241.	1.0	10
210	Direct Observation of Non-covalent Complexes Formed Through Phosphorylated Flavonoid Protein Interaction by Electrospray Ionization Mass Spectrometry. <i>Supramolecular Chemistry</i> , 2004, 16, 67-75.	1.5	10
211	Anodic cyanation of 1-arylpyrroles. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 681-684.	1.4	10
212	Phosphoryl transfer reaction regulated by amino acid side chains: A model for phosphoproteins. <i>International Journal of Peptide and Protein Research</i> , 1996, 47, 276-281.	0.1	10
213	Novel Methyl 4,6-O-benzylidene-3-ketoglucopyranosid-fused β -lactam: Synthesis and Crystal Structure. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1228-1231.	0.5	10
214	Copper (I) Iodide-Catalyzed Solvent-Free Synthesis of β -Aminophosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 2145-2155.	0.8	10
215	Copper-Catalyzed Oxidative Electrophilic Carbofunctionalization of Acrylamides for the Synthesis of Oxindoles. <i>Synlett</i> , 2014, 25, 2009-2012.	1.0	10
216	Clearance of the intracellular high level of the Tau protein directed by an artificial synthetic hydrolase. <i>Molecular BioSystems</i> , 2014, 10, 3081-3085.	2.9	10

#	ARTICLE	IF	CITATIONS
217	Copper catalyzed direct tert-butyl sulfonylation of alkynes with t-butylsulfonamide leading to (E)-vinyl sulfones. RSC Advances, 2015, 5, 71215-71218.	1.7	10
218	Chemical Methods to Knock Down the Amyloid Proteins. Molecules, 2017, 22, 916.	1.7	10
219	Palladium-Catalyzed Domino Heck/Phosphorylation towards 3,3-Disubstituted Phosphinonyloxindoles. Advanced Synthesis and Catalysis, 2019, 361, 4961-4965.	2.1	10
220	Novel fragmentation of N-diisopropoxyphosphoryl dipeptides and tripeptides by fast atom bombardment mass spectrometry. Organic Mass Spectrometry, 1991, 26, 510-513.	1.3	9
221	FURTHER INVESTIGATION ON IODOCYCLIZATION OF UNSATURATED PHOSPHONATES AND CARBOXYLIC COMPOUNDS. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 66, 115-125.	0.8	9
222	Synthesis and matrix assisted laser desorption/ionization time of flight (MALDI-TOF) mass spectrometry study of phosphopeptide. International Journal of Peptide Research and Therapeutics, 2003, 10, 57-62.	0.1	9
223	Peptide segment ligation: A new method for synthesis of peptide and protein. Science Bulletin, 2003, 48, 1-5.	1.7	9
224	Synthesis of Phosphoryl Amino Acids Chrysin Esters. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 603-609.	0.8	9
225	Synthesis of the Novel Phosphoramidate Derivatives of Chrysin. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 274-278.	0.8	9
226	Mass spectrometry-based method to investigate the natural selectivity of sucrose as the sugar transport form for plants. Carbohydrate Research, 2015, 407, 5-9.	1.1	9
227	Synthesis of an MUC1 Glycopeptide Dendrimer Based on β -Cyclodextrin by Click Chemistry. Synlett, 2017, 28, 1961-1965.	1.0	9
228	Cascade Annulation of 2-Alkynylthioanisoles with Unsaturated α -Bromocarbonyls Leading to Thio-Benzobicyclic Skeletons. Journal of Organic Chemistry, 2018, 83, 13726-13733.	1.7	9
229	Theoretical Study on the Structural-Function Relationship of Manganese(III)-Iodosylarene Adducts. Frontiers in Chemistry, 2020, 8, 744.	1.8	9
230	Investigation of the Stereochemical Mechanism of the Nucleophilic Substitution Reaction at Pentacoordinate Phosphorus of Spirophosphorane. Journal of Organic Chemistry, 2021, 86, 4512-4531.	1.7	9
231	The Regioselective Functionalization Reaction of Unprotected Carbazoles with Donor-Acceptor Cyclopropanes. Journal of Organic Chemistry, 2021, 86, 9189-9199.	1.7	9
232	Transport, Stability, and In Vivo Hypoglycemic Effect of a Broccoli-Derived DPP-IV Inhibitory Peptide VPLVM. Journal of Agricultural and Food Chemistry, 2022, 70, 4934-4941.	2.4	9
233	SYNTHESIS AND PROPERTIES OF N-(DIISOPROPYLOXYPHOSPHORYL)- CYSTEINE AND ITS DERIVATIVES. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 60, 233-237.	0.8	8
234	<i>N</i> -SELECTIVE PHOSPHORYLATION WITH CHLOROPHOSPHORYL DIALKYLESTERS PREPARED FROM DIALKYLPHOSPHITE/ CCl_4 / NEt_3 . Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 82, 67-72.	0.8	8

#	ARTICLE	IF	CITATIONS
235	Ester Exchange Reaction of Oxyphosphorane with Thymidine. <i>Synthetic Communications</i> , 1995, 25, 3691-3694.	1.1	8
236	A STEPWISE ONE POT SYNTHESIS OF ALKYL THIOPHOSPHORAMIDATE DERIVATIVES OF NUCLEOSIDES. <i>Synthetic Communications</i> , 2002, 32, 1159-1167.	1.1	8
237	A Stepwise one-pot synthesis of arylN-phosphonamidothionate derivatives of nucleosides. <i>Heteroatom Chemistry</i> , 2003, 14, 62-66.	0.4	8
238	A picomole-scale method for rapid peptide sequencing through convenient and efficient N-terminal phosphorylation and electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 995-999.	1.2	8
239	Synthesis of Site-Specifically Dimethylated and Trimethylated Peptides Derived from Histone H3 N-Terminal Tail. <i>International Journal of Peptide Research and Therapeutics</i> , 2006, 12, 187-193.	0.9	8
240	Regioselective Cycloadditions of \hat{I}^2 -Substituted Vinylphosphonate with Nitrile Oxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 184, 135-140.	0.8	8
241	A novel reagent, dialkylphosphite, for peptide synthesis. <i>International Journal of Peptide and Protein Research</i> , 1991, 37, 457-461.	0.1	8
242	Synthesis and Characterization of Chloropentaaryloxycyclotriphosphazene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2103-2108.	0.8	8
243	The Reaction Activity of Aromatic Carbonyl Compounds with Diphenylphosphine Oxide Studied by ^{31}P NMR. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 1080-1087.	0.8	8
244	Distinguishing isomeric aldohexose-ketohexose disaccharides by electrospray ionization mass spectrometry in positive mode. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2167-2174.	0.7	8
245	The $^3\text{J}_{\text{CCNP}}$ 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.	0.8	8
246	Synthesis and Characterization of New Pyrospiroposphoranes Containing a P-O-P Bond by the Atherton-Todd Reaction. <i>Heteroatom Chemistry</i> , 2015, 26, 168-174.	0.4	8
247	$\text{CuSO}_4\text{-H-phosphonate}$ catalyzed highly stereo- and regioselective dimerization of terminal alkynes. <i>RSC Advances</i> , 2015, 5, 5004-5009.	1.7	8
248	Synthesis and Characterization of Alkoxy Spirophosphoranes Prepared from Hydrospiroposphoranes and Sodium Alcoholates. <i>Heteroatom Chemistry</i> , 2016, 27, 63-71.	0.4	8
249	Semi-synthesis of murine prion protein by native chemical ligation and chemical activation for preparation of polypeptide-thioester. <i>Journal of Peptide Science</i> , 2017, 23, 438-444.	0.8	8
250	Prophylactic Vaccine Based on Pyroglutamate-3 Amyloid \hat{I}^2 Generates Strong Antibody Response and Rescues Cognitive Decline in Alzheimer's Disease Model Mice. <i>ACS Chemical Neuroscience</i> , 2017, 8, 454-459.	1.7	8
251	Catalytic Cooperativity, Nuclearity, and $\text{O}_2/\text{H}_2\text{O}_2$ Specificity of Multi-Copper(II) Complexes of Cyclen-Tethered Cyclotriphosphazene Ligands in Aqueous Media. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4899-4908.	1.0	8
252	Synthesis of novel phosphorylated chrysin derivatives by 1, 3-dipolar cycloaddition reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 1-8.	0.8	8

#	ARTICLE	IF	CITATIONS
253	Selective Formation of Ser-His Dipeptide via Phosphorus Activation. <i>Origins of Life and Evolution of Biospheres</i> , 2018, 48, 213-222.	0.8	8
254	Oxidative C(sp ³)-H amidation of tertiary arylamines with nitriles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2860-2863.	2.3	8
255	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.	2.1	8
256	Fragmentation characteristics of N-dialkyloxyphosphinylpeptides under fast atom bombardment. <i>Biological Mass Spectrometry</i> , 1991, 20, 498-502.	0.5	7
257	N-PHOSPHORYL AMINO ACIDS AND PEPTIDES: PART V: O-ALKYL SUBSTITUTION EFFECTS ON THE ³¹ P-NMR SPECTRA OF PHOSPHORAMIDATES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991, 61, 31-39.	0.8	7
258	Mass spectra of pentacoordinate spirobicyclic imino(alkyl)acetoxyporphoranes. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1825-1828.	0.7	7
259	ONE POT SYNTHESIS OF NUCLEOSIDE 5 ^α -THIOPHOSPHORAMIDATES. <i>Synthetic Communications</i> , 2002, 32, 1069-1076.	1.1	7
260	Predicting melting temperature (T _m) of oligoribonucleotide duplex by neural network. <i>Journal of Chemometrics</i> , 2002, 16, 75-80.	0.7	7
261	Studies on the structure behavior of triphenyldichlorophosphorane in different solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 192-195.	2.0	7
262	A Convenient Synthesis of Novel Phosphoramidate Mustard Analogues of 2-Arylquinolone. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2936-2944.	0.8	7
263	The Synthesis and ³¹ P NMR Spectral Studies of Cyclophosphazenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 1958-1963.	0.8	7
264	Monitoring the Hydrolysis of p-Nitrophenyl Acetate Catalyzed by Seryl-L-histidine with Electrospray Ionization Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2002, 20, 1097-1101.	2.6	7
265	Synthesis, Characterization, and Oxidative Cleavage Activities of Binaphthol-Modified Cyclotriphosphazene Bidentate Ligands. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 240-250.	0.8	7
266	Synthesis of digermylene-stabilized linear tetraboronate and boroxine. <i>Chemical Communications</i> , 2016, 52, 1582-1585.	2.2	7
267	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.	2.0	7
268	Oxyphosphoranes as precursors to bridging phosphate-catecholate ligands. <i>Chemical Communications</i> , 2021, 57, 1194-1197.	2.2	7
269	Prebiotic Chemistry: The Role of Trimetaphosphate in Prebiotic Chemical Evolution. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	7
270	STUDY ON THE REACTION OF HALOFORM WITH HEXAALKYL PHOSPHOROUS TRIAMIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992, 70, 153-158.	0.8	6

#	ARTICLE	IF	CITATIONS
271	Research progresses of artificial nucleic acid cleavage agents. <i>Science Bulletin</i> , 2000, 45, 2017-2028.	1.7	6
272	THE STUDY OF PHOSPHORAMIDITE AS O-PHOSPHITYLATION AGENT AND ITS REACTIVITY. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000, 164, 277-291.	0.8	6
273	A facile approach to phosphonic acid diesters. <i>Heteroatom Chemistry</i> , 2003, 14, 208-210.	0.4	6
274	Synthesis and Mechanism Studies on Amide Bond Formation by Hexamethylphosphoramide (HMPA). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 747-748.	0.8	6
275	Synthesis of a Novel Type of Phosphoramidate Derivatives of 2-arylquinolone. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 51-58.	0.8	6
276	Synthesis of Novel Coumarin-7,8-cyclophosphoramidate Analogs. <i>Synthetic Communications</i> , 2010, 40, 1992-1997.	1.1	6
277	Synthesis, Characterization, and Activity of Cyclotriphosphazene-Cyclene Conjugates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 54-58.	0.8	6
278	Rhodium-Catalyzed Desulfination of Sodium Arenesulfonates and Oxidative Annulation with Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 489-499.	2.1	6
279	A Practical Method to Synthesize 1,2,3-Triazole-Amino-Bisphosphonate Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1735-1742.	0.8	6
280	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.	1.2	6
281	Inhibition of K-Ras4B-plasma membrane association with a membrane microdomain-targeting peptide. <i>Chemical Science</i> , 2020, 11, 826-832.	3.7	6
282	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.	1.5	6
283	pH-Dependent Adsorption of Peptides on Montmorillonite for Resisting UV Irradiation. <i>Life</i> , 2020, 10, 45.	1.1	6
284	Synthesis of Chiral Propargylamines, Chiral 1,2-Dihydronaphtho[2,1-b]furans and Naphtho[2,1-b]furans with C-alkynyl N,N-di-(tert-butoxycarbonyl)amines and Naphthols. <i>Chemistry - A European Journal</i> , 2021, 27, 12884-12889.	1.2	6
285	SYNTHESIS OF N-PHOSPHORYL DI(OR TRI)-PEPTIDES THROUGH THE ACTIVE ESTER METHOD. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991, 61, 9-18.	0.8	5
286	Convenient Synthesis of Uridine 5'-Oxyphosphorane. <i>Synthetic Communications</i> , 2000, 30, 2769-2774.	1.1	5
287	Cleavage of BSA by a dipeptide seryl-histidine. <i>International Journal of Peptide Research and Therapeutics</i> , 2000, 7, 325-329.	0.1	5
288	Theoretical Study on the Rearrangement of $\hat{1}^2$ -OH and $\hat{1}^3$ -OH in ESI Mass Spectrometry by N-Phosphorylation. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7686-7690.	1.1	5

#	ARTICLE	IF	CITATIONS
289	Synthesis of a Novel Type of Phosphates of Puerarin. Journal of the Chinese Chemical Society, 2007, 54, 583-585.	0.8	5
290	Catalyst-free synthesis of cycloalkenyl phosphonates. RSC Advances, 2014, 4, 14740-14743.	1.7	5
291	Tracing the nitrogen metabolites of glycine using ^{15}N -glycine and mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 645-653.	0.7	5
292	General and efficient one-pot synthesis of novel sugar/heterocyclic(aryl) 1,2-diketones from sugar terminal alkynes by Sonogashira/tetra-n-butylammonium permanganate oxidation. Carbohydrate Research, 2015, 417, 41-51.	1.1	5
293	Direct Electrodeposition to Fabricate Vertically-Oriented Graphene Nanosheets Modified Electrode and its Application for Determination of Levodopa in the Presence of Uric Acid and Ascorbic Acid. Nano, 2017, 12, 1750087.	0.5	5
294	Evolutionary relationships between seryl-histidine dipeptide and modern serine proteases from the analysis based on mass spectrometry and bioinformatics. Amino Acids, 2018, 50, 69-77.	1.2	5
295	Temperature-dependent synthesis of vinyl sulfones and β -hydroxy sulfones from <i>n</i> -butylsulfonamide and alkenes under aerobic conditions. New Journal of Chemistry, 2019, 43, 17941-17945.	1.4	5
296	Palladium-Catalyzed Addition/Cyclization of (2-Hydroxyaryl)boronic Acids with Alkynylphosphonates: Access to Phosphacoumarins. Organic Letters, 2020, 22, 8156-8160.	2.4	5
297	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.	0.8	5
298	Alanyl-Glutamine Protects against Lipopolysaccharide-Induced Liver Injury in Mice via Alleviating Oxidative Stress, Inhibiting Inflammation, and Regulating Autophagy. Antioxidants, 2022, 11, 1070.	2.2	5
299	Carboxyl-Based CPMP Tag for Ultrasensitive Analysis of Disaccharides by Negative Tandem Mass Spectrometry. Analytical Chemistry, 2022, 94, 9557-9563.	3.2	5
300	In situ N-phosphorylation of oligopeptides for fast atom bombardment mass spectrometry. Organic Mass Spectrometry, 1992, 27, 746-749.	1.3	4
301	STUDIES ON DIASTEREOMERIC N-PHOSPHONOAMINO ACID ESTERS CONTAINING A PHOSPHORUS-CARBON BOND. Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 86, 69-74.	0.8	4
302	HYDROLYSIS REACTIONS OF N-PHOSPHOAMINO ACIDS—A MODEL FOR PROTEIN DEPHOSPHORYLATION. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 116, 15-28.	0.8	4
303	Mass spectra of aminoacyl adenylate pentacoordinated phosphorus compounds. , 1999, 13, 1477-1479.		4
304	Synthesis of Novel N^{\pm} , $\text{N}^{\pm 3}$ -Lysine Linked Dinucleotides. Synthetic Communications, 2000, 30, 3141-3151.	1.1	4
305	SYNTHESIS OF N-PHOSHOPEPTIDES COUPLED BY DICHLOROTRIPHENYLPHOSPHORANE. Synthetic Communications, 2001, 31, 2067-2075.	1.1	4
306	Penta-Coordinate Phosphorus Compounds and Biochemistry. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1391-1396.	0.8	4

#	ARTICLE	IF	CITATIONS
307	A Convenient Two-Step One-Pot Synthesis of Alkylthiophosphoramidates Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 641-646.	0.8	4
308	A Convenient Route to Symmetric Phosphate, Phosphorothioate, and Phosphoroselenoate of AZT and D4T. Synthetic Communications, 2003, 33, 4157-4162.	1.1	4
309	The Investigation of β -Cyclodextrin Noncovalent Complex with Protein or Dipeptide by Electrospray Ionization Mass Spectrometry. Analytical Letters, 2004, 37, 1871-1883.	1.0	4
310	A THEORETICAL STUDY ON THE MECHANISM OF 2:1 1, 3 DIPOLAR CYCLOADDITION REACTIONS. Journal of Theoretical and Computational Chemistry, 2007, 06, 861-867.	1.8	4
311	Synthesis and Electrospray Ionization Mass Spectra of Amino Acid Thiophosphoramidates of Nucleoside. Chinese Journal of Chemistry, 2001, 19, 1239-1244.	2.6	4
312	An Efficient Synthesis of 1,2,3-Triazole Bridge-Connected Phosphonate Derivatives of Coumarin. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 961-971.	0.8	4
313	Synthesis and characterization of (S)-BINOL-modified cyclotriphosphazene tetradentate ligands. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1421-1424.	0.8	4
314	Mn(OAc) ₃ -Mediated Synthesis of 3-Phosphonyldihydrofurans from β -Ketophosphonates and Alkenes. Synlett, 2017, 28, 724-728.	1.0	4
315	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.	0.7	4
316	Synthesis of het(aryl) imidazole C-nucleoside analogues by CoFe ₂ O ₄ NPs catalyzed multi-component coupling reaction. Carbohydrate Research, 2019, 477, 39-50.	1.1	4
317	DNA/Lysozyme-binding affinity study of novel peptides from TAT (47â€“57) and BRCA1 (782â€“786) in vitro by spectroscopic analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 209, 109-117.	2.0	4
318	Role of metal cations and oxyanions in the regulation of protein arginine phosphatase activity of YwE from Bacillus subtilis. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129698.	1.1	4
319	Cyclic Dipeptides Formation From Linear Dipeptides Under Potentially Prebiotic Earth Conditions. Frontiers in Chemistry, 2021, 9, 675821.	1.8	4
320	Prebiotic Chemistry in Aqueous Environment: A Review of Peptide Synthesis and Its Relationship with Genetic Code. Chinese Journal of Chemistry, 2021, 39, 2264-2272.	2.6	4
321	Determination of the Amino Acid Recruitment Order in Early Life by Genome-Wide Analysis of Amino Acid Usage Bias. Biomolecules, 2022, 12, 171.	1.8	4
322	N-PHOSPHORYL AMINO ACIDS AND PEPTIDES: PART IV:N-ALKYL SUBSTITUTION EFFECTS ON THE ³¹ P-Nmr SPECTRA OF PHOSPHORAMIDATES. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 57, 5-9.	0.8	3
323	³¹ P- ¹³ C, ³¹ P- ¹ H SPIN-SPIN COUPLING AND STRUCTURAL ASSIGNMENT AND CONFORMATIONAL ANALYSIS OF EPIMERIC THYMIDINE-3- ² -YL BENZOIN PHOSPHATES. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 118, 219-225.	0.8	3
324	Direct Thiophosphorylation of Amino Acids and Peptides. Synthetic Communications, 1998, 28, 1727-1736.	1.1	3

#	ARTICLE	IF	CITATIONS
325	³¹ P NMR Spectral Evidence for the Hexacoordinated Phosphorus Intermediates in the Reaction of Oxyphosphorochloridate With Amino Acids. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 215-215.	0.8	3
326	FORMATION OF OLIGOPEPTIDES FROM N-PHOSPHOAMINO ACID BY INFRARED RADIATION. Phosphorus, Sulfur and Silicon and the Related Elements, 2000, 163, 203-210.	0.8	3
327	STUDY ON THE THERMOLYSIS OF 5 ² -O-TRITYL-2 ³ -O-TRIPHENYL-PHOSPHORANEDIYLURIDINE. Synthetic Communications, 2001, 31, 631-636.	1.1	3
328	ONE POT SYNTHESIS OF ARYL THIOPHOSPHORAMIDATE DERIVATIVES OF AZT. Synthetic Communications, 2002, 32, 3301-3309.	1.1	3
329	Title is missing!. Journal of Chemical Crystallography, 2003, 33, 51-56.	0.5	3
330	Synthesis and Resolution of Dinucleotide(TpAZT) Phosphoramidates. Synthetic Communications, 2003, 33, 2553-2562.	1.1	3
331	1,3-Dipolar Cycloadditions of Substituted Vinylphosphonate with Nitrile Oxides or Nitrones. Journal of Chemical Research, 2007, 2007, 19-21.	0.6	3
332	Hydrolysis Reaction of N-Phosphoryl- α -, β - and γ -amino Acids Studied by HPLC. Chinese Journal of Chemistry, 2007, 25, 1559-1562.	2.6	3
333	Detection and Sequence Identification of Dinucleotides Produced from <i>N</i> -Phosphoryl Alanine and Four Nucleosides by HPLC-ESI-MS/MS. Chinese Journal of Chemistry, 2008, 26, 1285-1290.	2.6	3
334	The Positive and Negative Electrospray Ionization (ESI) Mass Spectrometry of 1-(<i>N</i> -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Ethox Related Elements, 2008, 183, 762-763.	0.8	3
335	Evaluation of non-covalent interaction between Seryl-Histidine dipeptide and cyclophilin A using NMR and molecular modeling. Science China Chemistry, 2010, 53, 1987-1993.	4.2	3
336	Highly Regioselective Synthesis of Novel 4-O-Phosphorylated Paeonol Analogs. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 859-863.	0.8	3
337	Synthesis and Characterization of Phosphoramidate Piperazine Analogs of Paeonol. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 404-410.	0.8	3
338	<i>H</i> -phosphonate mediated sulfonylation of 2-substituted quinoline <i>N</i> -oxides: One-pot strategy for the synthesis of 3/4-sulfonylquinoline derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 887-895.	0.8	3
339	The investigation of substituent effects on the fragmentation pathways of pentacoordinated phenoxyspirophosphoranones by ⁿ ESI-MS. Journal of Mass Spectrometry, 2018, 53, 314-322.	0.7	3
340	Synthesis and characterization of novel 1,2,3-triazoles containing a 1-hydroxyalkane-1,1-bisphosphonate substituent. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 206-210.	0.8	3
341	Appraisal of an oligomerization behavior of unprotected carbohydrates induced by phosphorus reagent. Science China Chemistry, 2018, 61, 243-250.	4.2	3
342	Synthesis of 2-phenoxy-2-oxo-1,4,2-oxazaphosphinanes from a three component reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 359-366.	0.8	3

#	ARTICLE	IF	CITATIONS
343	Immunometabolism and potential targets in severe COVID-19 peripheral immune responses. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 665-667.	4.3	3
344	Simultaneous analysis of amino acids based on discriminative ¹⁹ F NMR spectroscopy. <i>Bioorganic Chemistry</i> , 2022, 124, 105818.	2.0	3
345	DIASTEREOISOMERS FROM IODINE-INDUCED CYCLIZATION REACTION OF PHOSPHONATE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991, 55, 1-7.	0.8	2
346	Phosphoryl Group Participation Reaction is the Key to the Life Chemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 76, 103-106.	0.8	2
347	THE DIFFERENT CHEMICAL PROPERTIES OF TWO PHOSPHORYL GROUPS IN N [±] , N ^μ -BIS(O,O-DIISOPROPYL) PHOSPHOLYSINE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996, 116, 57-64.	0.8	2
348	STUDIES ON REACTION OF RIBONUCLEOSIDES WITH OXYPHOSPHORANE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996, 118, 257-261.	0.8	2
349	Investigations on the Effects of Camp on Membrane Phospholipid of Human Erythrocytes by Laser Raman Spectroscopy. <i>Spectroscopy Letters</i> , 1999, 32, 197-203.	0.5	2
350	Novel Synthesis of Tri- and Penta-Coordinate Phosphorous Saccharide. <i>Synthetic Communications</i> , 2000, 30, 4087-4092.	1.1	2
351	Apoptosis induced by (DIPP-L-Leu) ₂ -L-Lys-OCH ₃ in K562 cells. <i>Science Bulletin</i> , 2003, 48, 869-872.	4.3	2
352	Synthesis of Monoimidazole/Polyamine Amides. <i>Synthetic Communications</i> , 2004, 34, 1609-1615.	1.1	2
353	Investigation of Spontaneous Polycondensation of N-(O, O-Ditetradecyl) Phosphorylalanine in Highly Ordered Films by Ftir Spectroscopy. <i>Journal of Chemical Research</i> , 2004, 2004, 143-144.	0.6	2
354	ESI-MS Studies of Hetro-peptide Libraries by Phosphorus Oxychloride Activation. <i>International Journal of Peptide Research and Therapeutics</i> , 2005, 11, 111-115.	0.9	2
355	Chemical Modification of Insulin by N-phosphorylation. <i>International Journal of Peptide Research and Therapeutics</i> , 2005, 11, 167-175.	0.9	2
356	Hydrolysis of DNA by N-Phosphoryl Branched Peptide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1947-1951.	0.8	2
357	Preliminary ESI-MS and MALDI-TOF Analysis on Phosphorylated Tetrapeptides with Xaa-Pro Motif. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 825-834.	0.8	2
358	The Synthesis of Dialkoxyphosphorylcarboxamides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 701-705.	0.8	2
359	Hydrothermal synthesis and structural characterization of three lanthanide coordination polymers with adipic acid and 1,10-phenanthroline. <i>Journal of Coordination Chemistry</i> , 2008, 61, 2157-2166.	0.8	2
360	Studies on the Contribution of Phosphoryl Group to the Non-Covalent Interaction between ATP and β -Aminophosphonic Acids Derivatives by ESI-MS and Molecular Modeling. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 791-796.	0.8	2

#	ARTICLE	IF	CITATIONS
361	One-Pot Synthesis of 5- ² -Diaryl Esters and Diamidates of Phosphate, Phosphorothioate, and Phosphoroselenoate Derivatives of AZT and d4T. <i>Synthetic Communications</i> , 2009, 39, 1342-1354.	1.1	2
362	Hydrolysis of DNA by a Dipeptides Containing Histidine. <i>International Journal of Peptide Research and Therapeutics</i> , 2010, 16, 297-300.	0.9	2
363	LC-MS analysis of the formed peptides from <i>N</i> -(<i>O</i> , <i>O</i> -diisopropyl) phosphoryl aspartic acid. <i>Chinese Journal of Chemistry</i> , 2000, 18, 932-935.	2.6	2
364	Novel and Convenient Approach to Synthesis of AZT/d4T α -phosphonates. <i>Chinese Journal of Chemistry</i> , 2004, 22, 225-227.	2.6	2
365	Elucidation of <i>O</i> -phosphoryl and <i>N</i> -phosphoryl amino acids by electrospray ionization tandem mass spectrometry. <i>Chinese Journal of Chemistry</i> , 2004, 22, 870-873.	2.6	2
366	Evaluation Of Single-Stranded Oligonucleotide Cleavage Function Of Seryl-Histidine Dipeptide By Electrospray Ionization Mass Spectrometry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 933-935.	0.8	2
367	Comparison of Non-covalent Interactions Between a Series of <i>N</i> -Phosphoryl Dipeptide or Methyl Esters and Protein by Electrospray Ionization Mass Spectrometry. <i>International Journal of Peptide Research and Therapeutics</i> , 2011, 17, 61-67.	0.9	2
368	Investigation of Reaction Mechanism of Amino Acids and Phosphorus Trichloride by 31 P NMR and ESI-MS/MS. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1173-1179.	2.6	2
369	A DFT study of the enantioselective reduction of oxime ethers promoted by chiral spiroborate esters. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 1449-1459.	1.0	2
370	Tuning the selectivity of two fluorescent probes to Cr(III) and Pb(II). <i>Monatshefte für Chemie</i> , 2013, 144, 139-145.	0.9	2
371	Catalytic Cooperativity, Nuclearity, and O_2/H_2O_2 Specificity of Multi-Copper(II) Complexes of Cyclen-Tethered Cyclotriphosphazene Ligands in Aqueous Media. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4885-4885.	1.0	2
372	Different phosphorylation and farnesylation patterns tune Rnd ³ -14-3-3 interaction in distinct mechanisms. <i>Chemical Science</i> , 2021, 12, 4432-4442.	3.7	2
373	Selection of Amino Acid Chirality Induced by Cyclic Dipeptide Synthesis in Plausible Prebiotic Conditions. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	1.1	2
374	Electron impact mass spectrometry of monocyclic and spirocyclic oxyphosphorane compounds. <i>Journal of Mass Spectrometry</i> , 1995, 30, 755-758.	0.7	1
375	PHOSPHORYLATION OF TYROSINE AND THE REACTIVITY OF DIALKYL PHOSPHITES WITH TYROSINE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995, 101, 141-147.	0.8	1
376	THE CHEMICAL PROPERTIES OF <i>N</i> -(<i>O</i> , <i>O</i> -DIISOPROPYL)PHOSPHORYL-ARGININE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995, 106, 131-136.	0.8	1
377	INVESTIGATIONS ON KINETICS AND MECHANISMS OF REACTIONS OF MONOCYCLIC OXYPHOSPHORANES WITH ETHYLENE GLYCOL. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997, 126, 185-191.	0.8	1
378	Novel ions of quaternary ammonium halides in FDMS. <i>Science in China Series B: Chemistry</i> , 1997, 40, 575-582.	0.8	1

#	ARTICLE	IF	CITATIONS
379	Fast Atom Bombardment Mass Spectra of N-Phosphorylated Peptide Analogs. <i>Journal of Mass Spectrometry</i> , 1997, 32, 813-819.	0.7	1
380	Self-assembly of N,O-bis(trimethylsilyl)amino acids to peptides mediated by o-phenylene phosphorochloridate identified by fast atom bombardment mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 94-96.	0.7	1
381	Fourier Transform Infrared Spectroscopic Studies on the Effect of Cyclic Adenosine Monophosphate on the Secondary Structure of Human Erythrocyte Membrane Proteins. <i>Spectroscopy Letters</i> , 1998, 31, 1537-1545.	0.5	1
382	Appraisal of green fluorescent protein as a model substrate for seryl-histidine dipeptide cleaving agent. <i>International Journal of Peptide Research and Therapeutics</i> , 2002, 9, 5-10.	0.1	1
383	Characterization of N-phosphoryl oligopeptide libraries by ESI-MS and HPLC-MS. <i>International Journal of Peptide Research and Therapeutics</i> , 2003, 10, 631-635.	0.1	1
384	An Efficient Method for Synthesis of 4-(Phosphonomethyl)benzene Derivatives Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2004, 34, 1017-1022.	1.1	1
385	Penta-coordinated phosphorus structure analysis on kinases. <i>Science in China Series B: Chemistry</i> , 2004, 47, 420-427.	0.8	1
386	A Synthetic Route to N-methylpyrrole Containing Polyamide/Peptide Conjugate. <i>Journal of Chemical Research</i> , 2005, 2005, 254-256.	0.6	1
387	The Synthesis and Characterization of a Helical Miniature Protein Mimicking the OGT Active Domain. <i>International Journal of Peptide Research and Therapeutics</i> , 2006, 12, 237-241.	0.9	1
388	Characteristic Fragmentation Behavior of Steroidal Phosphor- amidate Conjugates in Electrospray Ionization Tandem Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2006, 24, 943-949.	2.6	1
389	QSAR analysis of substituted benzylamino- and heterocyclmethylamino-carbodithioate derivatives of 4-(3H)-quinazolinone using CoMFA and SCORE2.0. <i>Science Bulletin</i> , 2007, 52, 3200-3206.	1.7	1
390	ESI Investigation of Non-Covalent Complexes between Phosphorylated Daidzein Derivatives and Insulin. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 527-537.	0.8	1
391	Synthesis of Novel Steroidal Bioconjugates of Phospholipid with AZT. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 538-542.	0.8	1
392	Studies on the Reaction between Peptides or Proteins with N-Phosphoryl Amino Acids in Aqueous Solution. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 764-772.	0.8	1
393	Synthesis and Characterization of Novel Bile Acids Derived H-Phosphonates Conjugates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 706-711.	0.8	1
394	Novel Rearrangement of Small Peptides in Electrospray Ionization Tandem Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2004, 22, 477-481.	2.6	1
395	A Facile and Clean Procedure for Preparation of β -Aminophosphonates via a Rotary Evaporator Equipped with Circulating Water Vacuum Pumps. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 898-902.	0.8	1
396	A Convenient Synthesis of Chrysin-7-yl Aryl N-Bis(2-Chloroethyl) Phosphoramidate. <i>Journal of Chemical Research</i> , 2010, 34, 407-409.	0.6	1

#	ARTICLE	IF	CITATIONS
397	Short Peptide Segment and Insulin Co-Assembly Forms Cytotoxic Oligomers. International Journal of Peptide Research and Therapeutics, 2013, 19, 185-189.	0.9	1
398	Synthesis and Characterization of Nitrogen Heterocyclic Derivatives Containing Sulfur-Ether and Schiff Base. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1564-1575.	0.8	1
399	Design and synthesis of novel distamycin-modified nucleoside analogues as HIV-1 reverse transcriptase inhibitors. Antiviral Research, 2014, 102, 54-60.	1.9	1
400	Using positive-ion electrospray ionization mass spectrometry and H/D exchange study phosphoryl group transfer reactions involved in amino acid ester isopropyl phosphoramidates of Brefeldin A. Analytica Chimica Acta, 2015, 853, 391-401.	2.6	1
401	Front Cover: Catalytic Cooperativity, Nuclearity, and O_2/H_2O_2 Specificity of Multi-Copper(II) Complexes of Cyclen-Tethered Cyclotriphosphazene Ligands in Aqueous Media (Eur. J. Inorg. Chem. 42/2017). European Journal of Inorganic Chemistry, 2017, 2017, 4884-4884.	1.0	1
402	An efficient synthesis of 2-Aminoethylidene-1,1-Bisphosphonates derivatives via Michael addition reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 149-154.	0.8	1
403	Efficient synthesis of novel indolizine C-nucleoside analogues via coupling of sugar alkynes, pyridines and α -bromo carbonyl compounds in one pot. Carbohydrate Research, 2021, 505, 108337.	1.1	1
404	Identification of self-assembly products from N-phosphoamino acids by electrospray ionization mass spectrometry. , 2000, 14, 1491.		1
405	Synthesis and matrix assisted laser desorption/ionization time of flight (MALDI-TOF) mass spectrometry study of phosphopeptide. International Journal of Peptide Research and Therapeutics, 2003, 10, 57-62.	0.1	1
406	Facile synthesis of novel $3H$ -1,5-benzodiazepine-derived aryl C -glycosides by coupling of sugar alkynes, acyl chlorides and 1, 2-phenylenediamine. Journal of Carbohydrate Chemistry, 2022, 41, 28-50.	0.4	1
407	A mechanistic switch in $C-H$ bond activation by elusive $Fe^V(O)(TAML)$ reaction intermediate: A theoretical study. Chinese Journal of Chemical Physics, 2022, 35, 383-389.	0.6	1
408	Chinese Medicine Meets Conventional Medicine in Targeting COVID-19 Pathophysiology, Complications and Comorbidities. Chinese Journal of Integrative Medicine, 2022, , .	0.7	1
409	H_2O_2 -Promoted Inter- and Intramolecular $C-N$ Bond Formation: Synthesis of Quinazoline Derivatives. ChemistrySelect, 2022, 7, .	0.7	1
410	Water and nonelectrolyte permeability of plant cell membranes after short term application of amino acids and phosphorylated amino acids. Journal of Plant Biology, 1999, 42, 232-238.	0.9	0
411	The Interactions of Amino Acids and Peptides with DNA. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 211-211.	0.8	0
412	STUDIES ON THE CONFORMATIONS OF O-URIDINE-5- α -YL O-ALKYL N-PHOSPHORYL SERINE METHYL ESTERS BY NUCLEAR MAGNETIC RESONANCE (NMR) AND CIRCULAR DICHROISM (CD). Phosphorus, Sulfur and Silicon and the Related Elements, 2000, 164, 173-180.	0.8	0
413	Reaction of Carbohydrates and Pentacoordinate Oxaphosphorane and Their Biomimetic Mechanism. Phosphorus, Sulfur and Silicon and the Related Elements, 2000, 167, 93-100.	0.8	0
414	Direct observation of basic protein HEWL as an oxoanions receptor by electrospray ionization mass spectrometry. International Journal of Peptide Research and Therapeutics, 2003, 10, 89-92.	0.1	0

#	ARTICLE	IF	CITATIONS
415	Characterization of N-phosphoryl oligopeptide libraries by ESI-MS and HPLC-MS. International Journal of Peptide Research and Therapeutics, 2003, 10, 631-635.	0.9	0
416	¹³ C Nuclear Magnetic Resonance Studies of the Conformations of Serine and 5-Thymidine Monophosphate Conjugates. Spectroscopy Letters, 2003, 36, 419-427.	0.5	0
417	FT-IR Studies on Langmuir-Blodgett Films of Novel Phosphorus Amphiphiles: Spontaneous Polycondensation at the Air/Water Interface. Journal of Chemical Research, 2005, 2005, 385-387.	0.6	0
418	Hydrolysis of DNA by a Branched Peptide without Aromatic Residues. International Journal of Peptide Research and Therapeutics, 2005, 11, 181-183.	0.9	0
419	Studies on the DNA binding and cleavage activity of a synthesized polyamide containing dipeptide Ser-His. Science in China Series B: Chemistry, 2007, 50, 806-811.	0.8	0
420	Synthesis and cytotoxicity of nitrogen mustard/tripolypyrrole conjugate. Journal of Heterocyclic Chemistry, 2008, 45, 1851-1854.	1.4	0
421	The Effects of Reversible Phosphorylation on Peptide and Protein Local Structure. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 249-252.	0.8	0
422	Green Synthesis of <i>N</i> -Phosphono-Amino Acids by Trimetaphosphate (P ₃ m). Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 773-774.	0.8	0
423	Synthesis and Cytotoxicity of Pyrrole-Amino Acid Dipeptides Containing Phosphonyl Group. Journal of Chemical Research, 2008, 2008, 528-529.	0.6	0
424	Synthesis and Novel Properties of Alkyl Thiophosphoramidate Derivatives of Nucleosides. Chinese Journal of Chemistry, 2002, 20, 492-496.	2.6	0
425	Studies on Synthesis and Intramolecular Catalyzed Hydrolysis of Thiophosphoramidate Derivatives of Nucleoside. Chinese Journal of Chemistry, 2002, 20, 1434-1438.	2.6	0
426	Ligand Exchange Between Penta-Coordinated Phosphoryl Serine and Histidine Compounds. Chinese Journal of Chemistry, 2003, 21, 1647-1651.	2.6	0
427	The Investigation of Interaction Competition Between ATP and DIPP-Ala, Boc-Ala, or Ala by ESI-MS/MS and Theoretical Calculation. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1587-1593.	0.8	0
428	Synthesis of Novel Piperazine Phosphoramidate Analogues of 2-Arylquinolones. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1516-1520.	0.8	0
429	N-Terminal Acetylation of Phosphopeptides to Enhance the Interaction with SH2 Domain by Electrospray Ion Trap Mass Spectrometry. International Journal of Peptide Research and Therapeutics, 2015, 21, 73-79.	0.9	0
430	Highly Chemoselective Synthesis of Novel 6-O-phosphorylated 6-Hydroxypyridazine-3(2H)-one. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 79-84.	0.8	0
431	Ammonia/water vapor-induced internal hydrolysis synthesis of sulfated TiO ₂ /SBA-15 solid acid. Journal of Porous Materials, 2016, 23, 1353-1362.	1.3	0
432	A Concise Synthesis of Novel Aryl Pyrimidine <i>N</i> -Nucleoside Analogs from Sugar Alkynes. Asian Journal of Organic Chemistry, 2017, 6, 561-565.	1.3	0

#	ARTICLE	IF	CITATIONS
433	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.	4.8	0
434	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.	0.5	0
435	Direct observation of basic protein HEWL as an oxoanions receptor by electrospray ionization mass spectrometry. <i>International Journal of Peptide Research and Therapeutics</i> , 2003, 10, 89-92.	0.1	0
436	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.	0.7	0
437	Synthesis of Phosphoramidate Prodrugs of Phenolic Natural Products and Drugs by Ester Exchange. <i>Synthesis</i> , 0, , .	1.2	0