Yu-Fen Zhao

List of Publications by Year
in descending order

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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	Trimetaphosphate-induced chiral selection between amino acid and nucleoside using 15N-31P coupling NMR. Chinese Chemical Letters, 2022, 33, 821-824.	4.8	0
2	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
3	Radical-induced denitration of N-(p-nitrophenyl)propiolamides coupled with dearomatization: access to phosphonylated/trifluoromethylated azaspiro[4.5]-trienones. Chemical Communications, 2022, 58, 1306-1309.	2.2	11
4	A chitosan-mediated inhalable nanovaccine against SARS-CoV-2. Nano Research, 2022, 15, 4191-4200.	5.8	28
5	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
6	Selection of Amino Acid Chirality Induced by Cyclic Dipeptide Synthesis in Plausible Prebiotic Conditions. Frontiers in Astronomy and Space Sciences, 2022, 9, .	1.1	2
7	Perovskite as Recyclable Photocatalyst for Annulation Reaction of N-Sulfonyl Ketimines. Organic Letters, 2022, 24, 299-303.	2.4	40
8	STING and TLR7/8 agonists-based nanovaccines for synergistic antitumor immune activation. Nano Research, 2022, 15, 6328-6339.	5.8	13
9	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
10	Photoredox/copper-catalyzed coupling of terminal alkynes with P(O)SH compounds leading to alkynyl phosphorothioates. Green Chemistry, 2022, 24, 4484-4489.	4.6	14
11	A mechanistic switch in Câ^'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
12	Simultaneous analysis of amino acids based on discriminative 19F NMR spectroscopy. Bioorganic Chemistry, 2022, 124, 105818.	2.0	3
13	Chinese Medicine Meets Conventional Medicine in Targeting COVID-19 Pathophysiology, Complications and Comorbidities. Chinese Journal of Integrative Medicine, 2022, , .	0.7	1
14	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
15	Formation of Nâ^'P(O)â^'S Bonds from White Phosphorus via a Fourâ€Component Reaction. Advanced Synthesis and Catalysis, 2022, 364, 2221-2226.	2.1	8
16	H₂O₂â€Promoted Interâ€and Intramolecular Câ^'N Bond Formation: Synthesis of Quinazoline Derivatives. ChemistrySelect, 2022, 7, .	0.7	1
17	Carboxyl-Based CPMP Tag for Ultrasensitive Analysis of Disaccharides by Negative Tandem Mass Spectrometry. Analytical Chemistry, 2022, 94, 9557-9563.	3.2	5
18	Visible-light-induced denitrogenative phosphorylation of benzotriazinones: a metal- and additive-free method for accessing ortho-phosphorylated benzamide derivatives. Green Chemistry, 2021, 23, 296-301.	4.6	21

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19	Palladium-catalyzed Câ€“P cross-coupling of allenic alcohols with H-phosphonates leading to 2-phosphinoyl-1,3-butadienes. Chemical Communications, 2021, 57, 339-342.	2.2	13
20	Visible-light-induced metal-free cascade cyclization of N-arylpropiolamides to 3-phosphorylated, trifluoromethylated and thiocyanated azaspiro[4.5]trienones. Organic Chemistry Frontiers, 2021, 8, 760-766.	2.3	50
21	A sensitive and rapid detection of glutathione based on a fluorescence-enhanced â€œturn-onâ€• strategy. Journal of Materials Chemistry B, 2021, 9, 3563-3572.	2.9	15
22	Different phosphorylation and farnesylation patterns tune Rnd3â€“14-3-3 interaction in distinct mechanisms. Chemical Science, 2021, 12, 4432-4442.	3.7	2
23	Oxyphosphoranes as precursors to bridging phosphate-catecholate ligands. Chemical Communications, 2021, 57, 1194-1197.	2.2	7
24	Protein arginine phosphorylation in organisms. International Journal of Biological Macromolecules, 2021, 171, 414-422.	3.6	15
25	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
26	Effects of Comonomers on the Performance of Stable Phosphonate-Based Gel Terpolymer Electrolytes for Sodium-Ion Batteries with Ultralong Cycling Stability. ACS Applied Materials & Interfaces, 2021, 13, 25024-25035.	4.0	11
27	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
28	The Regioselective Functionalization Reaction of Unprotected Carbazoles with Donorâ€“Acceptor Cyclopropanes. Journal of Organic Chemistry, 2021, 86, 9189-9199.	1.7	9
29	Diphenyl Diselenide-Catalyzed Synthesis of Triaryl Phosphites and Triaryl Phosphates from White Phosphorus. Organic Letters, 2021, 23, 5158-5163.	2.4	19
30	Cyclic Dipeptides Formation From Linear Dipeptides Under Potentially Prebiotic Earth Conditions. Frontiers in Chemistry, 2021, 9, 675821.	1.8	4
31	Efficient synthesis of novel indolizine C-nucleoside analogues via coupling of sugar alkynes, pyridines and Î±-bromo carbonyl compounds in one pot. Carbohydrate Research, 2021, 505, 108337.	1.1	1
32	Synthesis of Chiral Propargylamines, Chiral 1,2â€Dihydronaphtho[2,1â€b]furans and Naphtho[2,1â€b]furans with Câ€Alkynyl N,Nâ€²â€diâ€(tertâ€butoxycarbonyl)â€aminals and Î²â€Naphthols. Chemistry - A European Journal, 2021, 27, 12884-12889.	1.2	6
33	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
34	Immunometabolism and potential targets in severe COVID-19 peripheral immune responses. Asian Journal of Pharmaceutical Sciences, 2021, 16, 665-667.	4.3	3
35	LC-MS/MS-based non-isotopically paired labeling (NIPL) strategy for the qualification and quantification of monosaccharides. Talanta, 2021, 231, 122336.	2.9	11
36	Mitochondria-targeted NIR fluorescent probe for sensing Hg2+/HSO3âˆ’ and its intracellular applications. Talanta, 2021, 234, 122606.	2.9	35

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37	Synthesis of Î´-phosphorothiolated alcohols by photoredox/copper catalyzed remote C(sp³)â€“H phosphorothiolation of N-alkoxypyridinium salts. Organic Chemistry Frontiers, 2021, 8, 6845-6850.	2.3	14
38	Magnetic particles as promising circulating tumor cell catchers assisting liquid biopsy in cancer diagnosis: A review. TrAC - Trends in Analytical Chemistry, 2021, 145, 116453.	5.8	18
39	Primary Research of the Relationship between Genetic Codons and Amino Acids Based on the Technology of Electronic Tongue. Acta Chimica Sinica, 2021, 79, 1372.	0.5	0
40	Gasâ€phase fragmentation of protonated 3â€phenoxy imidazo[1,2â€a] pyridines using tandem mass spectrometry and computational chemistry. Journal of Mass Spectrometry, 2021, 56, e4794.	0.7	0
41	Photoinduced Phosphorylation/Cyclization of Cyanoaromatics for Divergent Access to Mono- and Diphosphorylated Polyheterocycles. Organic Letters, 2021, 23, 9348-9352.	2.4	13
42	Fully Synthetic Invariant NKT Cell-Dependent Self-Adjuvanting Antitumor Vaccines Eliciting Potent Immune Response in Mice. Molecular Pharmaceutics, 2020, 17, 417-425.	2.3	24
43	Inhibition of K-Ras4B-plasma membrane association with a membrane microdomain-targeting peptide. Chemical Science, 2020, 11, 826-832.	3.7	6
44	NMR-based investigation into protein phosphorylation. International Journal of Biological Macromolecules, 2020, 145, 53-63.	3.6	15
45	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with orthoâ€Dithiophenols. Angewandte Chemie - International Edition, 2020, 59, 3671-3677.	7.2	13
46	Nondestructive capture, release, and detection of circulating tumor cells with cystamine-mediated folic acid decorated magnetic nanospheres. Journal of Materials Chemistry B, 2020, 8, 9971-9979.	2.9	20
47	Palladium-Catalyzed Addition/Cyclization of (2-Hydroxyaryl)boronic Acids with Alkynylphosphonates: Access to Phosphacoumarins. Organic Letters, 2020, 22, 8156-8160.	2.4	5
48	Synthesis of mixed phosphorotrithioates from white phosphorus. Green Chemistry, 2020, 22, 8353-8359.	4.6	29
49	Theoretical Study on the Structural-Function Relationship of Manganese(III)-Iodosylarene Adducts. Frontiers in Chemistry, 2020, 8, 744.	1.8	9
50	Role of metal cations and oxyanions in the regulation of protein arginine phosphatase activity of YwlE from Bacillus subtilis. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129698.	1.1	4
51	Imaging Hg²⁺-Induced Oxidative Stress by NIR Molecular Probe with â€œDual-Key-and-Lockâ€• Strategy. Analytical Chemistry, 2020, 92, 12002-12009.	3.2	51
52	Organocatalytic Atroposelective Construction of Axially Chiral N-Aryl Benzimidazoles Involving Carbonâ€“Carbon Bond Cleavage. Organic Letters, 2020, 22, 6382-6387.	2.4	36
53	Visible-Light-Induced Phosphorylation of Imidazo-Fused Heterocycles under Metal-Free Conditions. Journal of Organic Chemistry, 2020, 85, 14744-14752.	1.7	29
54	Novel flame retardant rigid spirocyclic biphosphate based copolymer gel electrolytes for sodium ion batteries with excellent high-temperature performance. Journal of Materials Chemistry A, 2020, 8, 22962-22968.	5.2	22

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55	A three-channel fluorescent probe to image mitochondrial stress. Chemical Communications, 2020, 56, 7710-7713.	2.2	27
56	TfOH-Catalyzed Phosphinylation of 2,3-Allenols into Î³-Ketophosphine Oxides. Journal of Organic Chemistry, 2020, 85, 8185-8195.	1.7	14
57	Direct synthesis of phosphorotrithioites and phosphorotrithioates from white phosphorus and thiols. Green Chemistry, 2020, 22, 5303-5309.	4.6	26
58	Widespread arginine phosphorylation in human cellsâ€"a novel protein PTM revealed by mass spectrometry. Science China Chemistry, 2020, 63, 341-346.	4.2	13
59	Synthesis of 2-phenoxyl-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
60	Copper-Catalyzed Remote C(sp³)â€"H Phosphorothiolation of Sulfonamides and Carboxamides in a Multicomponent Reaction. Organic Letters, 2020, 22, 1760-1764.	2.4	54
61	The polymerization capability of alkenyl phosphates and application as gel copolymer electrolytes for lithium ion batteries with high flame-retardancy. Reactive and Functional Polymers, 2020, 149, 104535.	2.0	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. Organic and Biomolecular Chemistry, 2020, 18, 1800-1805.	1.5	6
63	pH-Dependent Adsorption of Peptides on Montmorillonite for Resisting UV Irradiation. Life, 2020, 10, 45.	1.1	6
64	Reductive stress imaging in the endoplasmic reticulum by using living cells and zebrafish. Chemical Communications, 2019, 55, 9629-9632.	2.2	34
65	Palladiumâ€Catalyzed Domino Heck/Phosphorylation towards 3,3â€Disubstituted Phosphinonyloxindoles. Advanced Synthesis and Catalysis, 2019, 361, 4961-4965.	2.1	10
66	Synthesis of het(aryl) imidazole C-nucleoside analogues by CoFe2O4 NPs catalyzed muti-component coupling reaction. Carbohydrate Research, 2019, 477, 39-50.	1.1	4
67	Airâ€Induced Oneâ€Pot Synthesis of Nâ€Sulfonylformamidines from Sulfonyl Chlorides, NaN₃, and Tertiary/Secondary Amines. European Journal of Organic Chemistry, 2019, 2019, 6071-6076.	1.2	12
68	Copper-Catalyzed Phosphonylation/Trifluoromethylation of N-p-NO₂-Benzoylacrylamides Coupled with Dearomatization and Denitration. Organic Letters, 2019, 21, 7674-7678.	2.4	19
69	Three-component 3-(phosphoryl)methylindole synthesis from indoles, H-phosphine oxides and carbonyl compounds under metal-free conditions. Green Chemistry, 2019, 21, 792-797.	4.6	20
70	Solution structure and backbone dynamics for S1 domain of ribosomal protein S1 from Mycobacterium tuberculosis. European Biophysics Journal, 2019, 48, 491-501.	1.2	6
71	Visible-Light Induced Radical Perfluoroalkylation/Cyclization Strategy To Access 2-Perfluoroalkylbenzothiazoles/Benzoselenazoles by EDA Complex. Organic Letters, 2019, 21, 4019-4024.	2.4	121
72	Iodideâ€Catalyzed Phosphorothiolation of Heteroarenes Using P(O)H Compounds and Elemental Sulfur. Advanced Synthesis and Catalysis, 2019, 361, 3210-3216.	2.1	39

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73	Stable cross-linked gel terpolymer electrolyte containing methyl phosphonate for sodium ion batteries. Journal of Membrane Science, 2019, 583, 163-170.	4.1	27
74	An External-Catalyst-Free Trifluoromethylation/Cyclization Strategy To Access Trifluoromethylated-Dihydroisoquinolinones/Indolines with Togni Reagent II. Organic Letters, 2019, 21, 1863-1867.	2.4	38
75	Copper-catalyzed one-pot three-component thioamination of 1,4-naphthoquinone. Organic Chemistry Frontiers, 2019, 6, 1476-1480.	2.3	64
76	Photoredox-catalyzed cascade annulation of N-propargylindoles with sulfonyl chlorides: access to 2-sulfonated 9H-pyrrolo[1,2-a]indoles. Organic and Biomolecular Chemistry, 2019, 17, 2873-2876.	1.5	26
77	Temperature-dependent synthesis of vinyl sulfones and Î²-hydroxy sulfones from t-butylsulfinamide and alkenes under aerobic conditions. New Journal of Chemistry, 2019, 43, 17941-17945.	1.4	5
78	Copper-Catalyzed C4-H Regioselective Phosphorylation/Trifluoromethylation of Free 1-Naphthylamines. Organic Letters, 2019, 21, 486-489.	2.4	56
79	Copper-Catalyzed Direct Twofold Câ€“P Cross-Coupling of Unprotected Propargylic 1,4-Diols: Access to 2,3-Bis(diarylphosphynyl)-1,3-butadienes. Organic Letters, 2019, 21, 579-583.	2.4	18
80	Applications of H-phosphonates for C element bond formation. Pure and Applied Chemistry, 2019, 91, 33-41.	0.9	47
81	Exploring the Roles of Post-Translational Modifications in the Pathogenesis of Parkinsonâ€™s Disease Using Synthetic and Semisynthetic Modified Î±-Synuclein. ACS Chemical Neuroscience, 2019, 10, 910-921.	1.7	21
82	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
83	Visible-light-mediated direct synthesis of phosphorotrithioates as potent anti-inflammatory agents from white phosphorus. Organic Chemistry Frontiers, 2019, 6, 190-194.	2.3	35
84	A long-wavelength-emitting fluorescent probe for simultaneous discrimination of H2S/Cys/GSH and its bio-imaging applications. Talanta, 2019, 196, 145-152.	2.9	53
85	TDP-43 specific reduction induced by Di-hydrophobic tags conjugated peptides. Bioorganic Chemistry, 2019, 84, 254-259.	2.0	31
86	Silver-catalyzed decarboxylative radical cascade cyclization toward benzimidazo[2,1-a]isoquinolin-6(5H)-ones. Chemical Communications, 2019, 55, 2861-2864.	2.2	114
87	The investigation of substituent effects on the fragmentation pathways of pentacoordinated phenoxyspirophosphoranes by <scp>ESIâ€MSⁿ</scp>. Journal of Mass Spectrometry, 2018, 53, 314-322.	0.7	3
88	Prebiotic formation of cyclic dipeptides under potentially early Earth conditions. Scientific Reports, 2018, 8, 936.	1.6	39
89	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
90	Selective Formation of Ser-His Dipeptide via Phosphorus Activation. Origins of Life and Evolution of Biospheres, 2018, 48, 213-222.	0.8	8

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91	Novel safer phosphonate-based gel polymer electrolytes for sodium-ion batteries with excellent cycling performance. Journal of Materials Chemistry A, 2018, 6, 6559-6564.	5.2	63
92	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
93	Non-covalent interaction between CAâ€"TAT and calf thymus DNA: Deciphering the binding mode by in vitro studies. International Journal of Biological Macromolecules, 2018, 114, 1354-1360.	3.6	23
94	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
95	A Visibleâ€Lightâ€Promoted Metalâ€Free Strategy towards Arylphosphonates: Organicâ€Dyeâ€Catalyzed Phosphorylation of Arylhydrazines with Trialkylphosphites. Advanced Synthesis and Catalysis, 2018, 360, 4807-4813.	2.1	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. Organic Letters, 2018, 20, 6157-6160.	2.4	75
97	Cascade Annulation of 2-Alkynylthioanisoles with Unsaturated Î±-Bromocarbonyls Leading to Thio-Benzobicyclic Skeletons. Journal of Organic Chemistry, 2018, 83, 13726-13733.	1.7	9
98	Copper-Catalyzed Radical Cascade Cyclization To Access 3-Sulfonated Indenones with the AIE Phenomenon. Journal of Organic Chemistry, 2018, 83, 14419-14430.	1.7	74
99	Oxidative C(sp3)â€"H amidation of tertiary arylamines with nitriles. Organic Chemistry Frontiers, 2018, 5, 2860-2863.	2.3	8
100	Silver-catalyzed decarboxylative cascade radical cyclization of tert-carboxylic acids and o-(allyloxy)arylaldehydes towards chroman-4-one derivatives. Organic Chemistry Frontiers, 2018, 5, 2925-2929.	2.3	70
101	Phosphorus Radical-Initiated Cascade Reaction To Access 2-Phosphoryl-Substituted Quinoxalines. Journal of Organic Chemistry, 2018, 83, 11727-11735.	1.7	69
102	Copper-Catalyzed Direct Oxidative Câ€"H Functionalization of Unactivated Cycloalkanes into Cycloalkyl Benzo[b]phosphole Oxides. Organic Letters, 2018, 20, 3455-3459.	2.4	31
103	Cobalt-Catalyzed Oxidative C(sp3)â€"H Phosphonylation for Î±-Aminophosphonates via C(sp3)â€"H/P(O)â€"H Coupling. Journal of Organic Chemistry, 2018, 83, 6754-6761.	1.7	46
104	Appraisal of an oligomerization behavior of unprotected carbohydrates induced by phosphorus reagent. Science China Chemistry, 2018, 61, 243-250.	4.2	3
105	A plausible model correlates prebiotic peptide synthesis with the primordial genetic code. Chemical Communications, 2018, 54, 8598-8601.	2.2	18
106	A â€˜â€˜turn-offâ€™â€™ SERS assay for kinase detection based on arginine N-phosphorylation process. Talanta, 2018, 189, 353-358.	2.9	16
107	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
108	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

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109	Differential Modulation of the Aggregation of Nâ€Terminal Truncated AÎ² using Cucurbiturils. Chemistry - A European Journal, 2018, 24, 13647-13653.	1.7	19
110	De Novo Design To Synthesize Lanthipeptides Involving Cascade Cysteine Reactions: SapB Synthesis as an Example. Journal of Organic Chemistry, 2018, 83, 7528-7533.	1.7	13
111	Recent Advances of Phosphorus-Centered Radical Promoted Difunctionalization of Unsaturated Carbon-Carbon Bonds. Chinese Journal of Organic Chemistry, 2018, 38, 62.	0.6	31
112	Oneâ€Pot Synthesis of Aryl Pyrazole Câ€Nucleoside Analogs of Pyrazofurin from Sugar Alkynes. European Journal of Organic Chemistry, 2017, 2017, 1443-1449.	1.2	11
113	A Concise Synthesis of Novel Aryl Pyrimidine Câ€Nucleoside Analogs from Sugar Alkynes. Asian Journal of Organic Chemistry, 2017, 6, 561-565.	1.3	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.	0.8	72
115	Phosphorylation at Ser8 as an Intrinsic Regulatory Switch to Regulate the Morphologies and Structures of Alzheimer's 40-residue Î²-Amyloid (AÎ²40) Fibrils. Journal of Biological Chemistry, 2017, 292, 2611-2623.	1.6	29
116	Iodineâ€Mediated Sulfonylation of Quinoline Nâ€Oxides: a Mild and Metalâ€Free Oneâ€Pot Synthesis of 2â€Sulfonyl Quinolines. Asian Journal of Organic Chemistry, 2017, 6, 492-495.	1.3	50
117	Synthesis of (E)-Î²-iodovinyl sulfones via DTBP/I₂ promoted difunctionalization of alkynes with sodium benzenesulfinates. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 391-396.	0.8	13
118	A direct metal-free C2â€"H functionalization of quinoline N-oxides: a highly selective amination and alkylation strategy towards 2-substituted quinolines. Organic Chemistry Frontiers, 2017, 4, 1595-1600.	2.3	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.	2.6	29
120	Semiâ€synthesis of murine prion protein by native chemical ligation and chemical activation for preparation of polypeptideâ€•Î± â€thioester. Journal of Peptide Science, 2017, 23, 438-444.	0.8	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.	0.8	3
122	Phosphorylation Weakens but Does Not Inhibit Membrane Binding and Clustering of K-Ras4B. ACS Chemical Biology, 2017, 12, 1703-1710.	1.6	33
123	Mn(OAc)3-Mediated Synthesis of 3-Phosphonyldihydrofurans from Î²-Ketophosphonates and Alkenes. Synlett, 2017, 28, 724-728.	1.0	4
124	Copper-Catalyzed Cascade Radical Additionâ€"Cyclization Halogen Atom Transfer between Alkynes and Unsaturated Î±-Halogenocarbonyls. ACS Catalysis, 2017, 7, 186-190.	5.5	35
125	Selfâ€Assembled Nanoâ€Immunostimulant for Synergistic Immune Activation. ChemBioChem, 2017, 18, 1721-1729.	1.3	15
126	A theoretical study on the mechanism of ruthenium(<scp>ii</scp>)-catalyzed phosphoryl-directed ortho-selective Câ€"H bond activations: the phosphoryl hydroxy group triggered Ru(<scp>ii</scp>)/Ru(0) catalytic cycle. Organic Chemistry Frontiers, 2017, 4, 1482-1492.	2.3	14

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127	Chitosan nanoparticles based nanovaccines for cancer immunotherapy. Pure and Applied Chemistry, 2017, 89, 931-939.	0.9	21
128	Direct synthesis of 2-sulfonated 9H-pyrrolo[1,2-a]indoles via NaI-catalyzed cascade radical addition/cyclization/isomerization. Organic Chemistry Frontiers, 2017, 4, 1350-1353.	2.3	40
129	Visible Light as a Sole Requirement for Intramolecular C(sp³)â€“H Imination. Organic Letters, 2017, 19, 1994-1997.	2.4	60
130	Acetonitrile-dependent oxyphosphorylation: A mild one-pot synthesis of Î²-ketophosphonates from alkenyl acids or alkenes. Tetrahedron, 2017, 73, 2439-2446.	1.0	37
131	Prophylactic Vaccine Based on Pyroglutamate-3 Amyloid Î² Generates Strong Antibody Response and Rescues Cognitive Decline in Alzheimerâ€™s Disease Model Mice. ACS Chemical Neuroscience, 2017, 8, 454-459.	1.7	8
132	A Multiheteroatom [3,3]-Sigmatropic Rearrangement: Disproportionative Entries into 2-(N-Heteroaryl)methyl Phosphates and Î±-Keto Phosphates. Organic Letters, 2017, 19, 5864-5867.	2.4	34
133	Zn(OTf)₂-Catalyzed Phosphinylation of Propargylic Alcohols: Access to Î³-Ketophosphine Oxides. Journal of Organic Chemistry, 2017, 82, 11659-11666.	1.7	23
134	Catalytic Cooperativity, Nuclearity, and O₂/H₂O₂ Specificity of Multiâ€Copper(II) Complexes of Cyclenâ€Tethered Cyclotriphosphazene Ligands in Aqueous Media. European Journal of Inorganic Chemistry, 2017, 2017, 4899-4908.	1.0	8
135	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
136	Selective inhibition of cancer cells by enzyme-induced gain of function of phosphorylated melittin analogues. Chemical Science, 2017, 8, 7675-7681.	3.7	14
137	Hydrophobic tagging-mediated degradation of Alzheimer's disease related Tau. RSC Advances, 2017, 7, 40362-40366.	1.7	40
138	Phosphinodifluoroalkylation of alkynes using P(O)H compounds and ethyl difluoroiodoacetate. Organic Chemistry Frontiers, 2017, 4, 2054-2057.	2.3	24
139	Catalytic hydroboration of aldehydes, ketones, alkynes and alkenes initiated by NaOH. Green Chemistry, 2017, 19, 4169-4175.	4.6	126
140	A Direct C2â€Selective Phenoxylation and Alkoxylation of Quinoline Nâ€Oxides with Various Phenols and Alcohols in the Presence of Hâ€Phosphonate. European Journal of Organic Chemistry, 2017, 2017, 5125-5130.	1.2	13
141	Catalytic Cooperativity, Nuclearity, and O₂/H₂O₂ Specificity of Multiâ€Copper(II) Complexes of Cyclenâ€Tethered Cyclotriphosphazene Ligands in Aqueous Media. European Journal of Inorganic Chemistry, 2017, 2017, 4885-4885.	1.0	2
142	Front Cover: Catalytic Cooperativity, Nuclearity, and O₂/H₂O₂ Specificity of Multiâ€Copper(II) Complexes of Cyclenâ€Tethered Cyclotriphosphazene Ligands in Aqueous Media (Eur. J. Inorg. Chem. 42/2017). European Journal of Inorganic Chemistry, 2017, 2017, 4884-4884.	1.0	1
143	Synthesis of an MUC1 Glycopeptide Dendrimer Based on Î²-Cyclodextrin by Click Chemistry. Synlett, 2017, 28, 1961-1965.	1.0	9
144	Synthesis of novel phosphorylated chrysin derivatives by 1, 3-dipolar cycloaddition reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 1-8.	0.8	8

#	Article	IF	Citations
145	Chemical Methods to Knock Down the Amyloid Proteins. Molecules, 2017, 22, 916.	1.7	10
146	Lysosomal-Targeted Two-Photon Fluorescent Probe to Sense Hypochlorous Acid in Live Cells. Analytical Chemistry, 2017, 89, 10384-10390.	3.2	191
147	Synthesis of Î²â€Ketosulfones by using Sulfonyl Chloride as a Sulfur Source. Asian Journal of Organic Chemistry, 2016, 5, 878-881.	1.3	31
148	Synthetic MUC1 Antitumor Vaccine Candidates with Varied Glycosylation Pattern Bearing R/Sâ€configured Pam₃CysSerLys₄. ChemBioChem, 2016, 17, 1412-1415.	1.3	13
149	K₂S₂O₈-mediated metal-free direct Pâ€“H/Câ€“H functionalization: a convenient route to benzo[b]phosphole oxides from unactivated alkynes. Green Chemistry, 2016, 18, 3522-3526.	4.6	59
150	A new rosamine-based fluorescent chemodosimeter for hydrogen sulfide and its bioimaging in live cells. New Journal of Chemistry, 2016, 40, 6384-6388.	1.4	36
151	Phosphorothiolation of Aryl Boronic Acids Using P(O)H Compounds and Elemental Sulfur. Organic Letters, 2016, 18, 1266-1269.	2.4	84
152	Mechanism, catalysis and predictions of 1,3,2-diazaphospholenes: theoretical insight into highly polarized Pâ€“X bonds. Organic Chemistry Frontiers, 2016, 3, 423-433.	2.3	19
153	Specific Knockdown of Endogenous Tau Protein by Peptide-Directed Ubiquitin-Proteasome Degradation. Cell Chemical Biology, 2016, 23, 453-461.	2.5	147
154	Copperâ€Catalyzed Cycloaddition between Secondary Phosphine Oxides and Alkynes: Synthesis of Benzophosphole Oxides. Advanced Synthesis and Catalysis, 2016, 358, 138-142.	2.1	57
155	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
156	Plasmon Modes Induced by Anisotropic Gap Opening in Au@Cu₂O Nanorods. Small, 2016, 12, 4264-4276.	5.2	28
157	Phosphorylation induces distinct alpha-synuclein strain formation. Scientific Reports, 2016, 6, 37130.	1.6	79
158	Copper-Catalyzed Direct Coupling of Unprotected Propargylic Alcohols with P(O)H Compounds: Access to Allenylphosphoryl Compounds under Ligand- and Base-Free Conditions. Organic Letters, 2016, 18, 6066-6069.	2.4	39
159	Cascade Phosphinoylation/Cyclization/Isomerization Process for the Synthesis of 2-Phosphinoyl-9H-pyrrolo[1,2-a]indoles. Organic Letters, 2016, 18, 5712-5715.	2.4	56
160	A novel rosamine-based fluorescent probe for bisulfite in aqueous solution. RSC Advances, 2016, 6, 103905-103909.	1.7	28
161	Mechanism of Nickel-Catalyzed Selective Câ€“N Bond Activation in Suzuki-Miyaura Cross-Coupling of Amides: A Theoretical Investigation. Journal of Organic Chemistry, 2016, 81, 11686-11696.	1.7	55
162	Main group metalâ€“ligand cooperation of N-heterocyclic germylene: an efficient catalyst for hydroboration of carbonyl compounds. Chemical Communications, 2016, 52, 13799-13802.	2.2	91

#	Article	IF	Citations
163	Two new reversible naphthalimideâ€based fluorescent chemosensors for Hg²⁺. Luminescence, 2016, 31, 992-996.	1.5	21
164	Consecutive visible-light photoredox decarboxylative couplings of adipic acid active esters with alkynyl sulfones leading to cyclic compounds. Chemical Communications, 2016, 52, 8862-8864.	2.2	47
165	Synthesis of 3-phosphinoylquinolines via a phosphinoylationâ€"cyclizationâ€"aromatization process mediated by tert-butyl hydroperoxide. RSC Advances, 2016, 6, 60922-60925.	1.7	27
166	Synthesis of S-Aryl Phosphorothioates by Copper-Catalyzed Phosphorothiolation of Diaryliodonium and Arenediazonium Salts. Journal of Organic Chemistry, 2016, 81, 5588-5594.	1.7	55
167	Ammonia/water vapor-induced internal hydrolysis synthesis of sulfated TiO2/SBA-15 solid acid. Journal of Porous Materials, 2016, 23, 1353-1362.	1.3	0
168	Copper-catalyzed decarboxylative Câˆ'P cross coupling of arylpropiolic acids with dialkyl hydrazinylphosphonates leading to alkynylphosphonates. Synthetic Communications, 2016, 46, 1175-1181.	1.1	13
169	Copper-catalyzed cycloaddition between hydrogen phosphonates and activated alkenes: synthesis of phosphonoisoquinolinediones. RSC Advances, 2016, 6, 303-306.	1.7	34
170	Synthesis and Characterization of Alkoxy Spirophosphoranes Prepared from Hydrospirophosphoranes and Sodium Alcoholates. Heteroatom Chemistry, 2016, 27, 63-71.	0.4	8
171	A Cascade Phosphinoylation/Cyclization/Desulfonylation Process for the Synthesis of 3-Phosphinoylindoles. Organic Letters, 2016, 18, 1242-1245.	2.4	81
172	Synthesis and Properties of a Novel FRET-Based Ratiometric Fluorescent Sensor for Cu2+. Journal of Fluorescence, 2016, 26, 769-774.	1.3	17
173	tert-Butyl Hydroperoxide Mediated Cascade Synthesis of 3-Arylsulfonylquinolines. Organic Letters, 2016, 18, 1286-1289.	2.4	89
174	Development of a stable phosphoarginine analog for producing phosphoarginine antibodies. Organic and Biomolecular Chemistry, 2016, 14, 1925-1929.	1.5	24
175	TBAI-catalyzed oxidative Câ€"H functionalization: a new route to benzo[b]phosphole oxides. Chemical Communications, 2016, 52, 2815-2818.	2.2	29
176	Synthesis of digermylene-stabilized linear tetraboronate and boroxine. Chemical Communications, 2016, 52, 1582-1585.	2.2	7
177	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
178	Rhodiumâ€Catalyzed Hydrosilylation Reaction of Nâ€Sulfonylâ€1,2,3â€triazoles with Triphenylsilane: Access to Diverse Compounds. European Journal of Organic Chemistry, 2015, 2015, 4471-4480.	1.2	13
179	Distinguishing isomeric aldohexose-ketohexose disaccharides by electrospray ionization mass spectrometry in positive mode. Rapid Communications in Mass Spectrometry, 2015, 29, 2167-2174.	0.7	8
180	AÎ²42 and AÎ²40: similarities and differences. Journal of Peptide Science, 2015, 21, 522-529.	0.8	124

#	Article	IF	Citations
181	A highly sensitive and selective turn-on fluorescent probe for sulfite and its application in biological imaging. New Journal of Chemistry, 2015, 39, 6284-6288.	1.4	46
182	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
183	The ³J_{CCNP} Coupling Constants of Pentacoordinate Spirophosphorane Derivatives: As a Method to Assign Relative Configuration. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 925-931.	0.8	8
184	A new FRET ratiometric fluorescent chemosensor for Hg2+ and its application in living EC 109 cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 549-554.	2.0	40
185	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
186	A one-pot strategy to synthesize Î²-ketophosphonates: silver/copper catalyzed direct oxyphosphorylation of alkynes with H-phosphonates and oxygen in the air. Chemical Communications, 2015, 51, 3846-3849.	2.2	85
187	Rhodiumâ€Catalyzed Desulfination of Sodium Arenesulfinates and Oxidative Annulation with Alkynes. Advanced Synthesis and Catalysis, 2015, 357, 489-499.	2.1	6
188	N-phosphoryl amino acid models for P-N bonds in prebiotic chemical evolution. Science China Chemistry, 2015, 58, 374-382.	4.2	26
189	H-phosphonate-mediated sulfonylation of heteroaromatic N-oxides: a mild and metal-free one-pot synthesis of 2-sulfonyl quinolines/pyridines. Chemical Communications, 2015, 51, 12111-12114.	2.2	111
190	Stability, Reactivity, Selectivity, Catalysis, and Predictions of 1,3,2,5-Diazadiborinine: Computational Insight into a Boronâ€"Boron Frustrated Lewis Pair. Journal of Organic Chemistry, 2015, 80, 8790-8795.	1.7	24
191	Copper catalyzed direct tert-butyl sulfonylation of alkynes with t-butylsulfinamide leading to (E)-vinyl sulfones. RSC Advances, 2015, 5, 71215-71218.	1.7	10
192	Ag-mediated cascade decarboxylative coupling and annulation: a convenient route to 2-phosphinobenzo[b]phosphole oxides. Organic and Biomolecular Chemistry, 2015, 13, 8221-8231.	1.5	46
193	Mn(OAc)₃-mediated arylationâ€"lactonization of alkenoic acids: synthesis of Î³,Î³-disubstituted butyrolactones. RSC Advances, 2015, 5, 36167-36170.	1.7	15
194	N-Terminal Acetylation of Phosphopeptides to Enhance the Interaction with SH2 Domain by Electrosprary Ion Trap Mass Spectrometry. International Journal of Peptide Research and Therapeutics, 2015, 21, 73-79.	0.9	0
195	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
196	Synthesis and Characterization of Phosphoramide Piperazine Analogs of Paeonol. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 404-410.	0.8	3
197	A Practical Method to Synthesize 1,2,3-Triazole-Amino-Bisphosphonate Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1735-1742.	0.8	6
198	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

#	Article	IF	Citations
199	Copper-Catalyzed Phosphonationâ€“Annulation Approaches to the Synthesis of Î²-Phosphonotetrahydrofurans Involving Câ€“P and Câ€“O Bonds Formation. Journal of Organic Chemistry, 2015, 80, 11398-11406.	1.7	42
200	CuSO₄Â·5H₂Oâ€Hâ€Phosphonateâ€Catalyzed Intermolecular Câ€“S Bond Formation: Synthesis of (E)â€Vinyl Alkylsulfones from AlkynesÂ-and DMSO. European Journal of Organic Chemistry, 2015, 2015, 314-319.	1.2	21
201	Synthesis and Characterization of New Pyrospirophosphoranes Containing a P-O-P Bond by the Atherton-Todd Reaction. Heteroatom Chemistry, 2015, 26, 168-174.	0.4	8
202	Nickel-Catalyzed One-Pot Tandem 1,4-1,2-Addition of P(O)H Compounds to 1,10-Phenanthrolines. Journal of Organic Chemistry, 2015, 80, 1192-1199.	1.7	28
203	CuSO₄-H-phosphonate catalyzed highly stereo- and regioselective dimerization of terminal alkynes. RSC Advances, 2015, 5, 5004-5009.	1.7	8
204	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
205	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
206	Synthesis, Characterization, and Oxidative Cleavage Activities of Binaphthol-Modified Cyclotriphosphazene Bidentate Ligands. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 240-250.	0.8	7
207	Three N-stabilized rhodamine-based fluorescent probes for Al³⁺via Al³⁺-promoted hydrolysis of Schiff bases. New Journal of Chemistry, 2015, 39, 342-348.	1.4	42
208	Copper-Catalyzed Oxidative Electrophilic Carbofunctionalization of Acrylamides for the Synthesis of Oxindoles. Synlett, 2014, 25, 2009-2012.	1.0	10
209	Clearance of the intracellular high level of the Tau protein directed by an artificial synthetic hydrolase. Molecular BioSystems, 2014, 10, 3081-3085.	2.9	10
210	Synthesis of Diarylmethanes through Palladium-Catalyzed Coupling of Benzylic Phosphates with Arylsilanes. Synlett, 2014, 25, 2928-2932.	1.0	19
211	Novel high phosphorus content phosphaphenanthrene-based efficient flame retardant additives for lithium-ion battery. Journal of Thermal Analysis and Calorimetry, 2014, 117, 319-324.	2.0	21
212	Synthesis of 6â€Phenanthridinephosphonates via a Radical Phosphonation and Cyclization Process Mediated by Manganese(III) Acetate. Asian Journal of Organic Chemistry, 2014, 3, 691-694.	1.3	33
213	Tetrabutylammonium Iodideâ€Catalyzed Phosphorylation of Benzyl Cï£¿H Bonds via a Crossâ€Dehydrogenative Coupling (CDC) Reaction. Advanced Synthesis and Catalysis, 2014, 356, 3331-3335.	2.1	48
214	Mn(OAc)₃-mediated synthesis of Î²-hydroxyphosphonates from P(O)â€“H compounds and alkenes. RSC Advances, 2014, 4, 51776-51779.	1.7	41
215	Silver catalyzed decarboxylative direct C2-alkylation of benzothiazoles with carboxylic acids. Chemical Communications, 2014, 50, 2018.	2.2	83
216	Experimental and theoretical studies on nickelâ€“zinc-catalyzed cross-coupling of gem-dibromoalkenes with P(O)â€“H compounds. RSC Advances, 2014, 4, 2322-2326.	1.7	24

#	Article	IF	Citations
217	Catalyst-free synthesis of cycloalkenyl phosphonates. RSC Advances, 2014, 4, 14740-14743.	1.7	5
218	The phosphaethynolate anion reacts with unsaturated bonds: DFT investigations into [2+2], [3+2] and [4+2] cycloadditions. Chemical Communications, 2014, 50, 11347-11349.	2.2	34
219	Peroxides as â€œSwitchesâ€•of Dialkyl H-Phosphonate: Two Mild and Metal-Free Methods for Preparation of 2-Acylbenzothiazoles and Dialkyl Benzothiazol-2-ylphosphonates. Journal of Organic Chemistry, 2014, 79, 8407-8416.	1.7	68
220	Palladiumâ€Catalyzed Cï£¿P Crossâ€Coupling of Arylhydrazines with Hâ€Phosphonates via Cï£¿N Bond Cleavage. Advanced Synthesis and Catalysis, 2014, 356, 2948-2954.	2.1	53
221	Design and synthesis of novel distamycin-modified nucleoside analogues as HIV-1 reverse transcriptase inhibitors. Antiviral Research, 2014, 102, 54-60.	1.9	1
222	Copper-Catalyzed Decarboxylative Câ€"P Cross-Coupling of Alkynyl Acids with H-Phosphine Oxides: A Facile and Selective Synthesis of (E)-1-Alkenylphosphine Oxides. Organic Letters, 2014, 16, 4464-4467.	2.4	93
223	Hâ€Phosphonateâ€Mediated Amination of Quinoline Nâ€Oxides with Tertiary Amines: A Mild and Metalâ€Free Synthesis of 2â€Dialkylaminoquinolines. Advanced Synthesis and Catalysis, 2014, 356, 1979-1985.	2.1	39
224	Two-dimensional countercurrent chromatography Ã— high performance liquid chromatography for preparative isolation of toad venom. Journal of Chromatography A, 2014, 1331, 80-89.	1.8	33
225	Cross-linking copolymers of acrylatesâ€™ gel electrolytes with high conductivity for lithium-ion batteries. Journal of Solid State Electrochemistry, 2014, 18, 2013-2018.	1.2	18
226	A fluorescence ratiometric chemosensor for Fe3+ based on TBET and its application in living cells. Talanta, 2014, 128, 69-74.	2.9	41
227	A novel quantification method for analysis of twenty natural amino acids in human serum based on N-phosphorylation labeling using reversed-phase liquid chromatographyâ€"tandem mass spectrometry. Analytica Chimica Acta, 2014, 836, 61-71.	2.6	38
228	Tuning the selectivity of two fluorescent probes to Cr(III) and Pb(II). Monatshefte FÃ¼r Chemie, 2013, 144, 139-145.	0.9	2
229	Short Peptide Segment and Insulin Co-Assembly Forms Cytotoxic Oligomers. International Journal of Peptide Research and Therapeutics, 2013, 19, 185-189.	0.9	1
230	Phosphorus oxychloride as an efficient coupling reagent for the synthesis of esters, amides and peptides under mild conditions. RSC Advances, 2013, 3, 16247-16250.	1.7	30
231	General and efficient copper-catalyzed aerobic oxidative synthesis of N-fused heterocycles using amino acids as the nitrogen source. RSC Advances, 2013, 3, 15636.	1.7	29
232	Direct Transformation of Amides into Î±-Amino Phosphonates via a Reductive Phosphination Process. Organic Letters, 2013, 15, 4214-4217.	2.4	72
233	The Reaction Activity of Aromatic Carbonyl Compounds with Diphenylphosphine Oxide Studied by 31P NMR. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1080-1087.	0.8	8
234	Synthesis, Characterization, and Activity of Cyclotriphosphazene-Cyclene Conjugates. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 54-58.	0.8	6

#	Article	IF	Citations
235	Nickel(II)â€Magnesiumâ€Catalyzed Crossâ€Coupling of 1,1â€Dibromoâ€1â€alkenes with Diphenylphosphine Oxide: Oneâ€Pot Synthesis of (E)â€1â€Alkenylphosphine Oxides or Bisphosphine Oxides. Advanced Synthesis and Catalysis, 2013, 355, 659-666.	2.1	68
236	Copper-Catalyzed Sequential N-Arylation and Aerobic Oxidation: Synthesis of Quinazoline Derivatives. Synlett, 2013, 24, 2089-2094.	1.0	18
237	Synthesis and Characterization of Nitrogen Heterocyclic Derivatives Containing Sulfurâ€"Ether and Schiff Base. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1564-1575.	0.8	1
238	Synthesis and Spectroscopic Characterization of Some New Piperazine Phosphoramide Derivatives of 4-Hydroxycoumarin. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 245-254.	0.8	13
239	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
240	KOH-mediated transition metal-free synthesis of imines from alcohols and amines. Green Chemistry, 2012, 14, 2384.	4.6	72
241	Palladium(II)â€Catalyzed Hydration of Alkynylphosphonates to Î²â€Ketophosphonates. Advanced Synthesis and Catalysis, 2012, 354, 2427-2432.	2.1	90
242	Copperâ€Catalyzed Synthesis of Alkylphosphonates from Hâ€Phosphonates and Nâ€Tosylhydrazones. Advanced Synthesis and Catalysis, 2012, 354, 2659-2664.	2.1	77
243	A bis(rhodamine)-based highly sensitive and selective fluorescent chemosensor for Hg(ii) in aqueous media. New Journal of Chemistry, 2012, 36, 1961.	1.4	27
244	A DFT study of the enantioselective reduction of oxime ethers promoted by chiral spiroborate esters. International Journal of Quantum Chemistry, 2012, 112, 1449-1459.	1.0	2
245	Exploring the binding mechanism of thioflavin-T to the Î²-amyloid peptide by blind docking method. Science China Chemistry, 2012, 55, 112-117.	4.2	19
246	Concentration effects in solid-state CD spectra of chiral atropisomeric compounds. New Journal of Chemistry, 2011, 35, 1781.	1.4	37
247	Evaluation Of Single-Stranded Oligonucleotide Cleavage Function Of Seryl-Histidine Dipeptide By Electrospray Ionization Mass Spectrometry. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 933-935.	0.8	2
248	Efficient Solvent-Free Knoevenagel Condensation Between Î²-Diketone and Aldehyde Catalyzed by Silica Sulfuric Acid. Synthetic Communications, 2011, 41, 347-356.	1.1	15
249	Novel Methyl 4,6-O-benzylidene-3-ketoglucopyranosid-fused Î³-lactam: Synthesis and Crystal Structure. Journal of Chemical Crystallography, 2011, 41, 1228-1231.	0.5	10
250	Comparison of Non-covalent Interactions Between a Series of N-Phosphoryl Dipeptide or Methyl Esters and Protein by Electrospray Ionization Mass Spectrometry. International Journal of Peptide Research and Therapeutics, 2011, 17, 61-67.	0.9	2
251	Metal Complexes of a Multidentate Cyclophosphazene with Imidazoleâ€Containing Side Chains for Hydrolyses of Phosphoesters â€" Bimolecular vs. Intramolecular Dinuclear Pathway. European Journal of Inorganic Chemistry, 2011, 2011, 674-682.	1.0	18
252	Intermolecular Phosphoryl Transfer of Nâ€Phosphoryl Amino Acids. European Journal of Organic Chemistry, 2011, 2011, 3220-3228.	1.2	18

#	Article	IF	Citations
253	Synthesis of Tn/T Antigen MUC1 Glycopeptide BSA Conjugates and Their Evaluation as Vaccines. European Journal of Organic Chemistry, 2011, 2011, 3685-3689.	1.2	45
254	Investigation of Reaction Mechanism of Amino Acids and Phosphorus Trichloride by 31 P NMR and ESI-MS/MS. Chinese Journal of Chemistry, 2011, 29, 1173-1179.	2.6	2
255	Copper (I) Iodide-Catalyzed Solvent-Free Synthesis of Î±-Aminophosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2145-2155.	0.8	10
256	Synthesis and Characterization of Bidentate Cyclotriphosphazene Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2202-2207.	0.8	11
257	Synthesis and Characterization of Side Groupâ€"Modified Cyclotetraphosphazene Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 281-286.	0.8	19
258	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
259	Hydrolysis of DNA by a Dipeptides Containing Histidine. International Journal of Peptide Research and Therapeutics, 2010, 16, 297-300.	0.9	2
260	Highly Efficient Copperâ€Catalyzed Synthesis of Internal Alkynes via Aerobic Oxidative Arylation of Terminal Alkynes. Advanced Synthesis and Catalysis, 2010, 352, 458-462.	2.1	30
261	A Simple Copperâ€Catalyzed Cascade Synthesis of 2â€Aminoâ€1Hâ€indoleâ€3â€carboxylate Derivatives. Advanced Synthesis and Catalysis, 2010, 352, 1033-1038.	2.1	55
262	Synthesis of Novel Coumarin-7,8-cyclophosphoramide Analogs. Synthetic Communications, 2010, 40, 1992-1997.	1.1	6
263	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
264	A Facile and Clean Procedure for Preparation of Î±-Aminophosphonates via a Rotary Evaporator Equipped with Circulating Water Vacuum Pumps. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 898-902.	0.8	1
265	Synthesis, Characterizations, and Crystal Structures of Î±-Hydroxyphosphonic Acid Esters. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 2182-2193.	0.8	17
266	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
267	A Convenient Synthesis of Chrysin-7-yl Aryl N-Bis(2-Chloroethyl) Phosphoramidate. Journal of Chemical Research, 2010, 34, 407-409.	0.6	1
268	Stereospecific Coupling of H-Phosphinates and Secondary Phosphine Oxides with Amines and Alcohols: A General Method for the Preparation of Optically Active Organophosphorus Acid Derivatives. Journal of Organic Chemistry, 2010, 75, 3890-3892.	1.7	121
269	Synthesis of the Novel Phosphoramidate Derivatives of Chrysin. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 274-278.	0.8	9
270	Synthesis of Novel Piperazine Phosphoramidate Analogues of 2-Arylquinolones. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1516-1520.	0.8	0

#	Article	IF	Citations
271	ESI-MSnstudy on the fragmentation of protonated cyclic-dipeptides. Spectroscopy, 2009, 23, 131-139.	0.8	32
272	Highly Efficient Iron(II) Chloride/Nâ€Bromosuccinimideâ€Mediated Synthesis of Imides and Acylsulfonamides. Advanced Synthesis and Catalysis, 2009, 351, 246-252.	2.1	24
273	Efficient Copperâ€Catalyzed Synthesis of Nâ€Alkylanthranilic Acids via an orthoâ€Substituent Effect of the Carboxyl Group of 2â€Halobenzoic Acids at Room Temperature. Advanced Synthesis and Catalysis, 2009, 351, 1671-1676.	2.1	34
274	Copperâ€Catalyzed Synthesis of 1,2,4â€Benzothiadiazine 1,1â€Dioxide Derivatives by Coupling of 2â€Halobenzenesulfonamides with Amidines. Advanced Synthesis and Catalysis, 2009, 351, 1999-2004.	2.1	54
275	Cycloaddition reaction of phosphonyl nitrile oxides to phosphaacetylene and alkene. Heteroatom Chemistry, 2009, 20, 95-100.	0.4	12
276	On the Electrophilicity of Cyclic Acylphosphoramidates (CAPAs) Postulated as Intermediates. European Journal of Organic Chemistry, 2009, 2009, 3026-3035.	1.2	15
277	Synthesis and Characterization of Chloropentaaryloxycyclotriphosphazene Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2103-2108.	0.8	8
278	One-Pot Synthesis of 5â€²-Diaryl Esters and Diamidates of Phosphate, Phosphorothioate, and Phosphoroselenoate Derivatives of AZT and d4T. Synthetic Communications, 2009, 39, 1342-1354.	1.1	2
279	Copper-Catalyzed Aerobic Oxidative Coupling of Terminal Alkynes with H-Phosphonates Leading to Alkynylphosphonates. Journal of the American Chemical Society, 2009, 131, 7956-7957.	6.6	268
280	A Convenient Synthesis of Novel Phosphoramide Mustard Analogues of 2-Arylquinolone. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2936-2944.	0.8	7
281	N-phosphorylation of amino acids by trimetaphosphate in aqueous solutionâ€"learning from prebiotic synthesis. Green Chemistry, 2009, 11, 569.	4.6	29
282	The Synthesis and 31P NMR Spectral Studies of Cyclophosphazenes. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 1958-1963.	0.8	7
283	Chirality at phosphorus in pentacoordinate spirophosphoranes: stereochemistry by X-ray structure and spectroscopic analysis. Organic and Biomolecular Chemistry, 2009, 7, 3020.	1.5	28
284	Synthesis of a Novel Type of Phosphoramidate Derivatives of 2â€Arylquinolone. Journal of the Chinese Chemical Society, 2009, 56, 51-58.	0.8	6
285	Synthesis and cytotoxicity of nitrogen mustard/tripolypyrrole conjugate. Journal of Heterocyclic Chemistry, 2008, 45, 1851-1854.	1.4	0
286	Detection and Sequence Identification of Dinucleotides Produced from Nâ€Phosphoryl Alanine and Four Nucleosides by HPLCâ€ESIâ€MS/MS. Chinese Journal of Chemistry, 2008, 26, 1285-1290.	2.6	3
287	Copperâ€Catalyzed Cycloaddition of Sulfonyl Azides with Alkynes to Synthesize Nâ€Sulfonyltriazoles â€˜on Waterâ€™ at Room Temperature. Advanced Synthesis and Catalysis, 2008, 350, 1830-1834.	2.1	78
288	Synthesis and Mechanism Studies on Amide Bond Formation by Hexamethylphosphoramide (HMPA). Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 747-748.	0.8	6

#	Article	IF	Citations
289	General and Efficient Copper-Catalyzed Amidation of Saturated Câˆ’H Bonds Using N-Halosuccinimides as the Oxidants. Journal of Organic Chemistry, 2008, 73, 6207-6212.	1.7	116
290	Quick and highly efficient copper-catalyzed cycloaddition of aliphatic and aryl azides with terminal alkynes â€œon waterâ€• Green Chemistry, 2008, 10, 452.	4.6	82
291	ESI Investigation of Non-Covalent Complexes between Phosphorylated Daidzein Derivatives and Insulin. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 527-537.	0.8	1
292	Regioselective Cycloadditions of Î² -Substituted Vinylphosphonate with Nitrile Oxides. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 184, 135-140.	0.8	8
293	Synthesis of Novel Steroidal Bioconjugates of Phospholipid with AZT. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 538-542.	0.8	1
294	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
295	The Positive and Negative Electrospray Ionization (ESI) Mass Spectrometry of 1-(N-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50 Related Elements, 2008, 183, 762-763.	0.8	3
296	Synthesis of Phosphoryl Amino Acids Chrysin Esters. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 603-609.	0.8	9
297	The Synthesis of Dialkoxyphosphorylcarboxamides. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 701-705.	0.8	2
298	Hydrothermal synthesis and structural characterization of three lanthanide coordination polymers with adipic acid and 1,10-phenanthroline. Journal of Coordination Chemistry, 2008, 61, 2157-2166.	0.8	2
299	Sequestration of Copper from Î²-Amyloid Promotes Selective Lysis by Cyclen-Hybrid Cleavage Agents. Journal of Biological Chemistry, 2008, 283, 31657-31664.	1.6	109
300	Studies on the Contribution of Phosphoryl Group to the Non-Covalent Interaction between ATP and Î±-Aminophosphonic Acids Derivatives by ESI-MS and Molecular Modeling. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 791-796.	0.8	2
301	Green Synthesis of N-Phosphono-Amino Acids by Trimetaphosphate (P3m). Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 773-774.	0.8	0
302	Studies on the Reaction between Peptides or Proteins with N-Phosphoryl Amino Acids in Aqueous Solution. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 764-772.	0.8	1
303	Synthesis and Characterization of Novel Bile Acids Derived H-Phosphonates Conjugates. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 706-711.	0.8	1
304	Synthesis and Cytotoxicity of Pyrrole-Amino Acid Dipeptides Containing Phosphonyl Group. Journal of Chemical Research, 2008, 2008, 528-529.	0.6	0
305	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
306	Preliminary ESI-MS and MALDI-TOF Analysis on Phosphorylated Tetrapeptides with Xaa-Pro Motif. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 825-834.	0.8	2

#	Article	IF	Citations
307	Synthesis of a Novel Type of Phosphates of Puerarin. Journal of the Chinese Chemical Society, 2007, 54, 583-585.	0.8	5
308	1,3-Dipolar Cycloadditions of Substituted Vinylphosphonate with Nitrile Oxides or Nitrones. Journal of Chemical Research, 2007, 2007, 19-21.	0.6	3
309	Copper-Catalyzed Amidation of sp3 Câˆ'H Bonds Adjacent to a Nitrogen Atom. Organic Letters, 2007, 9, 3813-3816.	2.4	143
310	Synthesis and Mass Spectrometry of 2-Hydroxyethyl 1-Aminoalkylphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 25-33.	0.8	13
311	Hydrolysis Reaction ofN-Phosphoryl-Î±-,Î²- andÎ³-amino Acids Studied by HPLC. Chinese Journal of Chemistry, 2007, 25, 1559-1562.	2.6	3
312	Quantum chemical study of cyclic dipeptides. International Journal of Quantum Chemistry, 2007, 107, 745-753.	1.0	43
313	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
314	QSAR analysis of substituted benzylamino- and heterocyclylmethylamino-carbodithioate derivatives of 4-(3H)-quinazolinone using CoMFA and SCORE2.0. Science Bulletin, 2007, 52, 3200-3206.	1.7	1
315	Studies on the structure behavior of triphenyldichlorophosphorane in different solvents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 63, 192-195.	2.0	7
316	A picomole-scale method for rapid peptide sequencing through convenient and efficient N-terminal phosphorylation and electrospray ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2006, 17, 995-999.	1.2	8
317	Synthesis of Site-Specifically Dimethylated and Trimethylated Peptides Derived from Histone H3 N-Terminal Tail. International Journal of Peptide Research and Therapeutics, 2006, 12, 187-193.	0.9	8
318	The Synthesis and Characterization of a Helical Miniature Protein Mimicking the OGT Active Domain. International Journal of Peptide Research and Therapeutics, 2006, 12, 237-241.	0.9	1
319	Characteristic Fragmentation Behavior of Steroidal Phosphor- amidate Conjugates in Electrospray Ionization Tandem Mass Spectrometry. Chinese Journal of Chemistry, 2006, 24, 943-949.	2.6	1
320	Anodic cyanation of 1â€arylpyrroles. Journal of Heterocyclic Chemistry, 2006, 43, 681-684.	1.4	10
321	Synthesis of Novel Biomimetic Zwitterionic Phosphorylcholine-Bound Chitosan Derivative. Macromolecular Rapid Communications, 2006, 27, 548-552.	2.0	29
322	An Inexpensive and Efficient Copper Catalyst forN-Arylation of Amines, Amides and Nitrogen-Containing Heterocycles. Advanced Synthesis and Catalysis, 2006, 348, 2197-2202.	2.1	150
323	FTâ€"IR Studies on Langmuirâ€"Blodgett Films of Novel Phosphorus Amphiphiles: Spontaneous Polycondensation at the Air/Water Interface. Journal of Chemical Research, 2005, 2005, 385-387.	0.6	0
324	A Synthetic Route to N-methylpyrrole Containing Polyamide/Peptide Conjugate. Journal of Chemical Research, 2005, 2005, 254-256.	0.6	1

#	Article	IF	Citations
325	Vanadium-Catalyzed Enantioselective Sulfoxidation and Concomitant, Highly Efficient Kinetic Resolution Provide High Enantioselectivity and Acceptable Yields of Sulfoxides. Advanced Synthesis and Catalysis, 2005, 347, 1933-1936.	2.1	74
326	ESI-MS Studies of Hetro-peptide Libraries by Phosphorus Oxychloride Activation. International Journal of Peptide Research and Therapeutics, 2005, 11, 111-115.	0.9	2
327	Effect of the Phosphate Group with Different Negative Charges on the Conformation of Phosphorylated Ser/Thr-Pro Motif. International Journal of Peptide Research and Therapeutics, 2005, 11, 159-165.	0.9	14
328	Chemical Modification of Insulin by N-phosphorylation. International Journal of Peptide Research and Therapeutics, 2005, 11, 167-175.	0.9	2
329	Hydrolysis of DNA by a Branched Peptide without Aromatic Residues. International Journal of Peptide Research and Therapeutics, 2005, 11, 181-183.	0.9	0
330	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
331	Hydrolysis of DNA by N-Phosphoryl Branched Peptide. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1947-1951.	0.8	2
332	Substituent effects and mechanism elucidation of enantioselective sulfoxidation catalyzed by vanadium Schiff base complexes. New Journal of Chemistry, 2005, 29, 1125.	1.4	53
333	Synthesis of a Diverse Series of Phosphacoumarins with Biological Activity. Organic Letters, 2005, 7, 4919-4922.	2.4	80
334	An Efficient Method for Synthesis of 4â€(Phosphonomethyl)benzene Derivatives Under Solventâ€Free Conditions. Synthetic Communications, 2004, 34, 1017-1022.	1.1	1
335	The Investigation of Î²â€Cyclodextrin Noncovalent Complex with Protein or Dipeptide by Electrospray Ionization Mass Spectrometry. Analytical Letters, 2004, 37, 1871-1883.	1.0	4
336	Direct Observation of Non-covalent Complexes Formed Through Phosphorylated Flavonoid Protein Interaction by Electrospray Ionization Mass Spectrometry. Supramolecular Chemistry, 2004, 16, 67-75.	1.5	10
337	Penta-coordinated phosphorus structure analysis on kinases. Science in China Series B: Chemistry, 2004, 47, 420-427.	0.8	1
338	Synthesis of Novel Phosphoric Esters of Flavone and Isoflavone by Athertonâ€"Todd Reaction. Synthetic Communications, 2004, 34, 493-499.	1.1	14
339	Theoretical Study on the Rearrangement of Î²-OH and Î³-OH in ESI Mass Spectrometry byN-Phosphorylation. Journal of Physical Chemistry A, 2004, 108, 7686-7690.	1.1	5
340	Synthesis of Monoimidazole/Polyamine Amides. Synthetic Communications, 2004, 34, 1609-1615.	1.1	2
341	Investigation of Spontaneous Polycondensation of N-(O, O-Ditetradecyl) Phosphorylalanine in Highly Ordered Films by Ftir Spectroscopy. Journal of Chemical Research, 2004, 2004, 143-144.	0.6	2
342	Novel and Convenient Approach to Synthesis of AZT/d4T Hâ€phosphonates. Chinese Journal of Chemistry, 2004, 22, 225-227.	2.6	2

#	Article	IF	Citations
343	Novel Rearrangement of Small Peptides in Electrospray Ionization Tandem Mass Spectrometry. Chinese Journal of Chemistry, 2004, 22, 477-481.	2.6	1
344	Elucidation of Oâ€phosphoryl and Nâ€phosphoryl amino acids by electrospray ionization tandem mass spectrometry. Chinese Journal of Chemistry, 2004, 22, 870-873.	2.6	2
345	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
346	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
347	Characterization of N-phosphoryl oligopeptide libraries by ESI-MS and HPLC-MS. International Journal of Peptide Research and Therapeutics, 2003, 10, 631-635.	0.1	1
348	Title is missing!. Journal of Chemical Crystallography, 2003, 33, 51-56.	0.5	3
349	A Convenient Route to Symmetric Phosphate, Phosphorothioate, and Phosphoroselenoate of AZT and D4T. Synthetic Communications, 2003, 33, 4157-4162.	1.1	4
350	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
351	Peptide segment ligation: A new method for synthesis of peptide and protein. Science Bulletin, 2003, 48, 1-5.	1.7	9
352	A Stepwise one-pot synthesis of arylN-phosphonamidothionate derivatives of nucleosides. Heteroatom Chemistry, 2003, 14, 62-66.	0.4	8
353	A facile approach to phosphonic acid diesters. Heteroatom Chemistry, 2003, 14, 208-210.	0.4	6
354	Phosphoryl group differentiating ?-amino acids from ?- and ?-amino acids in prebiotic peptide formation. International Journal of Quantum Chemistry, 2003, 94, 232-241.	1.0	10
355	Apoptosis induced by (DIPP-L-Leu)2-L-Lys-OCH3 in K562 cells. Science Bulletin, 2003, 48, 869-872.	4.3	2
356	13C Nuclear Magnetic Resonance Studies of the Conformations of Serineâ€3â€²â€•and 5â€²â€Thymidine Monophosphate Conjugates. Spectroscopy Letters, 2003, 36, 419-427.	0.5	0
357	Synthesis and Resolution of Dinucleotide(TpAZT) Phosphoramidates. Synthetic Communications, 2003, 33, 2553-2562.	1.1	3
358	Ligand Exchange Between Pentaâ€Coordinated Phosphoryl Serine and Histidine Compounds. Chinese Journal of Chemistry, 2003, 21, 1647-1651.	2.6	0
359	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
360	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
361	Penta-Coordinate Phosphorus Compounds and Biochemistry. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1391-1396.	0.8	4
362	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
363	A STEPWISE ONE POT SYNTHESIS OF ALKYL THIOPHOSPHORAMIDATE DERIVATIVES OF NUCLEOSIDES. Synthetic Communications, 2002, 32, 1159-1167.	1.1	8
364	ONE POT SYNTHESIS OF NUCLEOSIDE 5â€²-THIOPHOSPHORAMIDATES. Synthetic Communications, 2002, 32, 1069-1076.	1.1	7
365	ONE POT SYNTHESIS OF ARYL THIOPHOSPHORAMIDATE DERIVATIVES OF AZT. Synthetic Communications, 2002, 32, 3301-3309.	1.1	3
366	Predicting melting temperature (Tm) of oligoribonucleotide duplex by neural network. Journal of Chemometrics, 2002, 16, 75-80.	0.7	7
367	Appraisal of green fluorescent protein as a model substrate for seryl-histidine dipeptide cleaving agent. International Journal of Peptide Research and Therapeutics, 2002, 9, 5-10.	0.1	1
368	Penta-coordinate phosphorous compounds and biochemistry. Science in China Series B: Chemistry, 2002, 45, 337-348.	0.8	14
369	Synthesis and Novel Properties of Alkyl Thiophosphoramidate Derivatives of Nucleosides. Chinese Journal of Chemistry, 2002, 20, 492-496.	2.6	0
370	Monitoring the Hydrolysis of pâ€Nitrophenyl Acetate Catalyzed by Serylâ€histidine with Electrospray Ionization Mass Spectrometry. Chinese Journal of Chemistry, 2002, 20, 1097-1101.	2.6	7
371	Studies on Synthesis and Intramolecular Catalyzed Hydrolysis of Thiophosphoramidate Derivatives of Nucleoside. Chinese Journal of Chemistry, 2002, 20, 1434-1438.	2.6	0
372	SYNTHESIS OF N-PHOSPHOPEPTIDES COUPLED BY DICHLOROTRIPHENYLPHOSPHORANE. Synthetic Communications, 2001, 31, 2067-2075.	1.1	4
373	STUDY ON THE THERMOLYSIS OF 5â€²-O-TRITYL-2â€²,3â€²-O-TRIPHENYL-PHOSPHORANEDIYLURIDINE. Synthetic Communications, 2001, 31, 631-636.	1.1	3
374	Rearrangement with formamide extrusion in the electrospray mass spectra of aminoacylbenzylamines. Rapid Communications in Mass Spectrometry, 2001, 15, 1489-1493.	0.7	12
375	Rearrangement of P-N to P-O bonds in mass spectra ofN-diisopropyloxyphosphoryl amino acids/alcohols. Rapid Communications in Mass Spectrometry, 2001, 15, 1936-1940.	0.7	20
376	Differentiation of ?-COOH from ?-COOH in aspartic acids by N-phosphorylation. International Journal of Quantum Chemistry, 2001, 83, 41-51.	1.0	11
377	Synthesis and Electrospray Ionization Mass Spectra of Amino Acid Thiophosphoramidates of Nucleoside. Chinese Journal of Chemistry, 2001, 19, 1239-1244.	2.6	4
378	Convenient Synthesis of Uridine 5â€² - Oxyphosphorane. Synthetic Communications, 2000, 30, 2769-2774.	1.1	5

#	Article	IF	Citations
379	Identification of self-assembly products fromN-phosphoamino acids by electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2000, 14, 1491-1493.	0.7	22
380	Electrospray ionization mass spectra of amino acid phosphoramidates of adenosine. Rapid Communications in Mass Spectrometry, 2000, 14, 1813-1822.	0.7	14
381	Cleavage of BSA by a dipeptide seryl-histidine. International Journal of Peptide Research and Therapeutics, 2000, 7, 325-329.	0.1	11
382	Cleavage of BSA by a dipeptide seryl-histidine. International Journal of Peptide Research and Therapeutics, 2000, 7, 325-329.	0.1	5
383	Research progresses of artificial nucleic acid cleavage agents. Science Bulletin, 2000, 45, 2017-2028.	1.7	6
384	STUDIES ON THE CONFORMATIONS OF O-URIDINE-5â€²-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
385	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
386	Synthesis of Novel NÎ±, NÎ³-Lysine Linked Dinucleotides. Synthetic Communications, 2000, 30, 3141-3151.	1.1	4
387	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
388	THE STUDY OF PHOSPHORAMIDITE AS O-PHOSPHITYLATION AGENT AND ITS REACTIVITY. Phosphorus, Sulfur and Silicon and the Related Elements, 2000, 164, 277-291.	0.8	6
389	Novel Synthesis of Tri- and Penta-Coordinate Phosphorous Saccharide. Synthetic Communications, 2000, 30, 4087-4092.	1.1	2
390	LCâ€MS analysis of the formed peptides from Nâ€(O, Oâ€diisoâ€propyl) phosphoryl aspartic acid. Chinese Journal of Chemistry, 2000, 18, 932-935.	2.6	2
391	Identification of self-assembly products from N-phosphoamino acids by electrospray ionization mass spectrometry. , 2000, 14, 1491.		1
392	₃₁P 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
393	Investigations on the Effects of Camp on Membrane Phospholipid of Human Erythrocytes by Laser Raman Spectroscopy. Spectroscopy Letters, 1999, 32, 197-203.	0.5	2
394	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
395	Mass spectra of aminoacyl adenylate pentacoordinated phosphorus compounds. , 1999, 13, 1477-1479.		4
396	The Interactions of Amino Acids and Peptides with DNA. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 211-211.	0.8	0

#	Article	IF	Citations
397	Oligomerization ofN,O-Bis(trimethylsilyl)-Î±-amino Acids into Peptides Mediated byo-Phenylene Phosphorochloridate. Journal of the American Chemical Society, 1999, 121, 291-295.	6.6	83
398	Self-assembly of N,O-bis(trimethylsilyl)amino acids to peptides mediated byo-phenylene phosphorochloridate identified by fast atom bombardment mass spectrometry. Rapid Communications in Mass Spectrometry, 1998, 12, 94-96.	0.7	1
399	Fourier Transform Infrared Spectroscopic Studies on the Effect of Cyclic Adenosine Monophosphate on the Secondary Structure of Human Erythrocyte Membrane Proteins. Spectroscopy Letters, 1998, 31, 1537-1545.	0.5	1
400	Direct Thiophosphorylation of Amino Acids and Peptides. Synthetic Communications, 1998, 28, 1727-1736.	1.1	3
401	INVESTIGATIONS ON KINETICS AND MECHANISMS OF REACTIONS OF MONOCYCLIC OXYPHOSPHORANES WITH ETHYLENE GLYCOL. Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 126, 185-191.	0.8	1
402	Novel ions of quaternary ammonium halides in FDMS. Science in China Series B: Chemistry, 1997, 40, 575-582.	0.8	1
403	Fast Atom Bombardment Mass Spectra ofN-Phosphorylated Peptide Analogs. Journal of Mass Spectrometry, 1997, 32, 813-819.	0.7	1
404	Mass spectra of pentacoordinate spirobicyclic imino(alkyl)acetoxyphosphoranes. Rapid Communications in Mass Spectrometry, 1997, 11, 1825-1828.	0.7	7
405	HYDROLYSIS REACTIONS OF N-PHOSPHOAMINO ACIDSâ€"A MODEL FOR PROTEIN DEPHOSPHORYLATION. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 116, 15-28.	0.8	4
406	Simultaneous formation of peptides and nucleotides from n-phosphothreonine. Origins of Life and Evolution of Biospheres, 1996, 26, 547-560.	0.8	41
407	31P-13C, 31P-1H SPIN-SPIN COUPLING AND STRUCTURAL ASSIGNMENT AND CONFORMATIONAL ANALYSIS OF EPIMERIC THYMIDINE-3â€²-YL BENZOIN PHOSPHATES. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 118, 219-225.	0.8	3
408	THE DIFFERENT CHEMICAL PROPERTIES OF TWO PHOSPHORYL GROUPS IN NÎ±, NÎµ-BIS(O,O-DIISOPROPYL) PHOSPHOLYSINE. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 116, 57-64.	0.8	2
409	STUDIES ON REACTION OF RIBONUCLEOSIDES WITH OXYPHOSPHORANE. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 118, 257-261.	0.8	2
410	Phosphoryl transfer reaction regulated by amino acid side chains: A model for phosphoproteins. International Journal of Peptide and Protein Research, 1996, 47, 276-281.	0.1	10
411	Electron impact mass spectrometry of monocyclic and spirocyclic oxyphosphorane compounds. Journal of Mass Spectrometry, 1995, 30, 755-758.	0.7	1
412	Phosphoryl amino acids: Common origin for nucleic acids and protein. Journal of Biological Physics, 1995, 20, 283-287.	0.7	44
413	PHOSPHORYLATION OF TYROSINE AND THE REACTIVITY OF DIALKYL PHOSPHITES WITH TYROSINE. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 101, 141-147.	0.8	1
414	Ester Exchange Reaction of Oxyphosphorane with Thymidine. Synthetic Communications, 1995, 25, 3691-3694.	1.1	8

#	Article	IF	Citations
415	PHOSPHORYL PROMOTION AND DIFFERENTIATION EFFECT ON AMINO ACIDS AND PREBIOTIC SYNTHESIS OF PROTEIN. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 101, 117-123.	0.8	17
416	THE CHEMICAL PROPERTIES OF N-(O,O-DIISOPROPYL)PHOSPHORYL-ARGININE. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 106, 131-136.	0.8	1
417	Selfâ€activation of Nâ€phosphoamino acids and Nâ€phosphodipeptides in oligopeptide formation. International Journal of Peptide and Protein Research, 1995, 45, 514-518.	0.1	40
418	Negative-ion fast atom bombardment mass spectrometry ofN-phosphoamino acids. Organic Mass Spectrometry, 1994, 29, 201-204.	1.3	10
419	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
420	Phosphoryl transfer reaction of phospho-histidine. Heteroatom Chemistry, 1993, 4, 415-419.	0.4	20
421	N-SELECTIVE PHOSPHORYLATION WITH CHLOROPHOSPHORYL DIALKYLESTERS PREPARED FROM DIALKYLPHOSPHITE/CCl₄/NEt₃. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 82, 67-72.	0.8	8
422	Phosphoryl Group Participation Reaction is the Key to the Life Chemistry. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 76, 103-106.	0.8	2
423	STUDY ON THE REACTION OF HALOFORM WITH HEXAALKYL PHOSPHOROUS TRIAMIDES. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 70, 153-158.	0.8	6
424	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
425	PHOSPHORYL GROUP PARTICIPATION IN THE REACTIONS OF N-PHOSPHORYLDIPEPTIDE ACIDS. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 66, 107-114.	0.8	11
426	In situ N-phosphorylation of oligopeptides for fast atom bombardment mass spectrometry. Organic Mass Spectrometry, 1992, 27, 746-749.	1.3	4
427	Phosphoryl group participation leads to peptide formation from Nâ€phosphorylamino acids. International Journal of Peptide and Protein Research, 1992, 39, 375-381.	0.1	47
428	SYNTHESIS OF N-PHOSPHORYL DI(OR TRI)-PEPTIDES THROUGH THE ACTIVE ESTER METHOD. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 61, 9-18.	0.8	5
429	N-PHOSPHORYL AMINO ACIDS AND PEPTIDES: PART IV:N-ALKYL SUBSTITUTION EFFECTS ON THE31P-Nmr SPECTRA OF PHOSPHORAMIDATES. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 57, 5-9.	0.8	3
430	Novel fragmentation ofN-diisopropyloxyphosphoryl dipeptides and tripeptides by fast atom bombardment mass spectrometry. Organic Mass Spectrometry, 1991, 26, 510-513.	1.3	9
431	Fragmentation characteristics ofN-dialkyloxyphosphinylpeptides under fast atom bombardment. Biological Mass Spectrometry, 1991, 20, 498-502.	0.5	7
432	DIASTEREOISOMERS FROM IODINE-INDUCED CYCLIZATION REACTION OF PHOSPHONATE. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 55, 1-7.	0.8	2

#	Article	IF	Citations
433	N-PHOSPHORYL AMINO ACIDS AND PEPTIDES: PART V: O-ALKYL SUBSTITUTION EFFECTS ON THE31P-NMR SPECTRA OF PHOSPHORAMIDATES. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 61, 31-39.	0.8	7
434	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
435	A novel reagent, dialkylphosphite, for peptide synthesis. International Journal of Peptide and Protein Research, 1991, 37, 457-461.	0.1	8
436	Synthesis of Phosphoramidate Prodrugs of Phenolic Natural Products and Drugs by Ester Exchange. Synthesis, 0, , .	1.2	0
437	Prebiotic Chemistry: The Role of Trimetaphosphate in Prebiotic Chemical Evolution. Frontiers in Chemistry, 0, 10, .	1.8	7