

Yu-Fen Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

426
papers

7,295
citations

47
h-index

65
g-index

438
ext. papers

8,475
ext. citations

3.8
avg, IF

6.16
L-index

#	Paper	IF	Citations
426	Determination of the Amino Acid Recruitment Order in Early Life by Genome-Wide Analysis of Amino Acid Usage Bias.. <i>Biomolecules</i> , 2022 , 12,	5.9	1
425	A chitosan-mediated inhalable nanovaccine against SARS-CoV-2.. <i>Nano Research</i> , 2022 , 1-10	10	6
424	Facile synthesis of novel 3H-1,5-benzodiazepine-derived aryl C-glycosides by coupling of sugar alkynes, acyl chlorides and 1, 2-phenylenediamine. <i>Journal of Carbohydrate Chemistry</i> , 2022 , 41, 28-50	1.7	
423	STING and TLR7/8 agonists-based nanovaccines for synergistic antitumor immune activation.. <i>Nano Research</i> , 2022 , 1-12	10	2
422	Transport, Stability, and In Vivo Hypoglycemic Effect of a Broccoli-Derived DPP-IV Inhibitory Peptide VPLVM.. <i>Journal of Agricultural and Food Chemistry</i> , 2022 ,	5.7	1
421	A mechanistic switch in C≡N bond activation by elusive FeV(O)(TAML) reaction intermediate: A theoretical study. <i>Chinese Journal of Chemical Physics</i> , 2022 , 35, 383-389	0.9	
420	Simultaneous analysis of amino acids based on discriminative F NMR spectroscopy.. <i>Bioorganic Chemistry</i> , 2022 , 124, 105818	5.1	1
419	Alanyl-Glutamine Protects against Lipopolysaccharide-Induced Liver Injury in Mice via Alleviating Oxidative Stress, Inhibiting Inflammation, and Regulating Autophagy. <i>Antioxidants</i> , 2022 , 11, 1070	7.1	1
418	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	2.2	
417	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	14.6	5
416	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	3.3	
415	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	9.5	1
414	The Regioselective Functionalization Reaction of Unprotected Carbazoles with Donor-Acceptor Cyclopropanes. <i>Journal of Organic Chemistry</i> , 2021 , 86, 9189-9199	4.2	2
413	Diphenyl Diselenide-Catalyzed Synthesis of Triaryl Phosphites and Triaryl Phosphates from White Phosphorus. <i>Organic Letters</i> , 2021 , 23, 5158-5163	6.2	3
412	Cyclic Dipeptides Formation From Linear Dipeptides Under Potentially Prebiotic Earth Conditions. <i>Frontiers in Chemistry</i> , 2021 , 9, 675821	5	0
411	Efficient synthesis of novel indolizine C-nucleoside analogues via coupling of sugar alkynes, pyridines and α-bromo carbonyl compounds in one pot. <i>Carbohydrate Research</i> , 2021 , 505, 108337	2.9	0
410	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)-aminals and 1-Naphthols. <i>Chemistry - A European Journal</i> , 2021 , 27, 12884-12889	4.8	2

409	Trimetaphosphate-induced chiral selection between amino acid and nucleoside using 15N-31P coupling NMR. <i>Chinese Chemical Letters</i> , 2021 , 33, 821-821	8.1	
408	Visible-light-induced denitrogenative phosphorylation of benzotriazinones: a metal- and additive-free method for accessing ortho-phosphorylated benzamide derivatives. <i>Green Chemistry</i> , 2021 , 23, 296-301	10	5
407	Palladium-catalyzed C-P cross-coupling of allenic alcohols with -phosphonates leading to 2-phosphinoyl-1,3-butadienes. <i>Chemical Communications</i> , 2021 , 57, 339-342	5.8	3
406	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	5.2	20
405	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	7.3	5
404	Different phosphorylation and farnesylation patterns tune Rnd3-14-3-3 interaction in distinct mechanisms. <i>Chemical Science</i> , 2021 , 12, 4432-4442	9.4	2
403	Oxyphosphoranes as precursors to bridging phosphate-catecholate ligands. <i>Chemical Communications</i> , 2021 , 57, 1194-1197	5.8	1
402	Protein arginine phosphorylation in organisms. <i>International Journal of Biological Macromolecules</i> , 2021 , 171, 414-422	7.9	6
401	Investigation of the Stereochemical Mechanism of the Nucleophilic Substitution Reaction at Pentacoordinate Phosphorus of Spirophosphorane. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4512-4531	4.2	3
400	Prebiotic Chemistry in Aqueous Environment: A Review of Peptide Synthesis and Its Relationship with Genetic Code. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2264-2272	4.9	2
399	LC-MS/MS-based non-isotopically paired labeling (NIPL) strategy for the qualification and quantification of monosaccharides. <i>Talanta</i> , 2021 , 231, 122336	6.2	1
398	Mitochondria-targeted NIR fluorescent probe for sensing Hg/HSO and its intracellular applications. <i>Talanta</i> , 2021 , 234, 122606	6.2	9
397	Perovskite as Recyclable Photocatalyst for Annulation Reaction of -Sulfonyl Ketimines.. <i>Organic Letters</i> , 2021 ,	6.2	4
396	A three-channel fluorescent probe to image mitochondrial stress. <i>Chemical Communications</i> , 2020 , 56, 7710-7713	5.8	18
395	TfOH-Catalyzed Phosphinylation of 2,3-Allenols into α -Ketophosphine Oxides. <i>Journal of Organic Chemistry</i> , 2020 , 85, 8185-8195	4.2	5
394	Direct synthesis of phosphorotrithioites and phosphorotrithioates from white phosphorus and thiols. <i>Green Chemistry</i> , 2020 , 22, 5303-5309	10	9
393	Widespread arginine phosphorylation in human cells—novel protein PTM revealed by mass spectrometry. <i>Science China Chemistry</i> , 2020 , 63, 341-346	7.9	6
392	Synthesis of 2-phenoxy-2-oxo-1,4,2-oxazaphosphinanes from a three component reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020 , 195, 359-366	1	2

391	Copper-Catalyzed Remote C(sp)-H Phosphorothiolation of Sulfonamides and Carboxamides in a Multicomponent Reaction. <i>Organic Letters</i> , 2020 , 22, 1760-1764	6.2	25
390	The polymerization capability of alkenyl phosphates and application as gel copolymer electrolytes for lithium ion batteries with high flame-retardancy. <i>Reactive and Functional Polymers</i> , 2020 , 149, 104535	4.6	3
389	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	3.9	2
388	pH-Dependent Adsorption of Peptides on Montmorillonite for Resisting UV Irradiation. <i>Life</i> , 2020 , 10,	3	2
387	NMR-based investigation into protein phosphorylation. <i>International Journal of Biological Macromolecules</i> , 2020 , 145, 53-63	7.9	5
386	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with ortho-Dithiophenols. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3671-3677	16.4	7
385	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	7.3	9
384	Palladium-Catalyzed Addition/Cyclization of (2-Hydroxyaryl)boronic Acids with Alkynylphosphonates: Access to Phosphacoumarins. <i>Organic Letters</i> , 2020 , 22, 8156-8160	6.2	1
383	Synthesis of mixed phosphorotrithioates from white phosphorus. <i>Green Chemistry</i> , 2020 , 22, 8353-8359	10	8
382	Theoretical Study on the Structural-Function Relationship of Manganese(III)-Iodosylarene Adducts. <i>Frontiers in Chemistry</i> , 2020 , 8, 744	5	4
381	Role of metal cations and oxyanions in the regulation of protein arginine phosphatase activity of YwIE from <i>Bacillus subtilis</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 129698	4	1
380	Imaging Hg-Induced Oxidative Stress by NIR Molecular Probe with "Dual-Key-and-Lock" Strategy. <i>Analytical Chemistry</i> , 2020 , 92, 12002-12009	7.8	17
379	Organocatalytic Atroposelective Construction of Axially Chiral -Aryl Benzimidazoles Involving Carbon-Carbon Bond Cleavage. <i>Organic Letters</i> , 2020 , 22, 6382-6387	6.2	17
378	Visible-Light-Induced Phosphorylation of Imidazo-Fused Heterocycles under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2020 , 85, 14744-14752	4.2	21
377	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	13	8
376	Fully Synthetic Invariant NKT Cell-Dependent Self-Adjuvanting Antitumor Vaccines Eliciting Potent Immune Response in Mice. <i>Molecular Pharmaceutics</i> , 2020 , 17, 417-425	5.6	16
375	Synthesis of het(aryl) imidazole C-nucleoside analogues by CoFeO NPs catalyzed multi-component coupling reaction. <i>Carbohydrate Research</i> , 2019 , 477, 39-50	2.9	4
374	Air-Induced One-Pot Synthesis of N-Sulfonylformamidines from Sulfonyl Chlorides, NaN ₃ , and Tertiary/Secondary Amines. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6071-6076	3.2	7

373	Copper-Catalyzed Phosphonylation/Trifluoromethylation of --NO-Benzoylacrylamides Coupled with Dearomatization and Denitration. <i>Organic Letters</i> , 2019 , 21, 7674-7678	6.2	11
372	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	10	17
371	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	1.9	3
370	Visible-Light Induced Radical Perfluoroalkylation/Cyclization Strategy To Access 2-Perfluoroalkylbenzothiazoles/Benzoselenazoles by EDA Complex. <i>Organic Letters</i> , 2019 , 21, 4019-4024	6.2	86
369	Iodide-Catalyzed Phosphorothiolation of Heteroarenes Using P(O)H Compounds and Elemental Sulfur. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3210-3216	5.6	24
368	Stable cross-linked gel terpolymer electrolyte containing methyl phosphonate for sodium ion batteries. <i>Journal of Membrane Science</i> , 2019 , 583, 163-170	9.6	12
367	An External-Catalyst-Free Trifluoromethylation/Cyclization Strategy To Access Trifluoromethylated-Dihydroisoquinolinones/Indolines with Togni Reagent II. <i>Organic Letters</i> , 2019 , 21, 1863-1867	6.2	31
366	Copper-catalyzed one-pot three-component thioamination of 1,4-naphthoquinone. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1476-1480	5.2	48
365	Reductive stress imaging in the endoplasmic reticulum by using living cells and zebrafish. <i>Chemical Communications</i> , 2019 , 55, 9629-9632	5.8	21
364	Palladium-Catalyzed Domino Heck/Phosphorylation towards 3,3-Disubstituted Phosphinyloxindoles. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4961-4965	5.6	3
363	Silver-catalyzed decarboxylative radical cascade cyclization toward benzimidazo[2,1-a]isoquinolin-6(5H)-ones. <i>Chemical Communications</i> , 2019 , 55, 2861-2864	5.8	78
362	Inhibition of K-Ras4B-plasma membrane association with a membrane microdomain-targeting peptide. <i>Chemical Science</i> , 2019 , 11, 826-832	9.4	5
361	Photoredox-catalyzed cascade annulation of N-propargylindoles with sulfonyl chlorides: access to 2-sulfonated 9H-pyrrolo[1,2-a]indoles. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2873-2876	3.9	16
360	Temperature-dependent synthesis of vinyl sulfones and α -hydroxy sulfones from t-butylsulfonamide and alkenes under aerobic conditions. <i>New Journal of Chemistry</i> , 2019 , 43, 17941-17945	2.6	2
359	Copper-Catalyzed C4-H Regioselective Phosphorylation/Trifluoromethylation of Free 1-Naphthylamines. <i>Organic Letters</i> , 2019 , 21, 486-489	6.2	44
358	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	6.2	13
357	Applications of H-phosphonates for C element bond formation. <i>Pure and Applied Chemistry</i> , 2019 , 91, 33-41	2.1	41
356	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	5.7	12

355	DNA/Lysozyme-binding affinity study of novel peptides from TAT (47-57) and BRCA1 (782-786) in vitro by spectroscopic analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 209, 109-117	4.4	1
354	Visible-light-mediated direct synthesis of phosphorotrithioates as potent anti-inflammatory agents from white phosphorus. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 190-194	5.2	14
353	A long-wavelength-emitting fluorescent probe for simultaneous discrimination of HS/Cys/GSH and its bio-imaging applications. <i>Talanta</i> , 2019 , 196, 145-152	6.2	44
352	TDP-43 specific reduction induced by Di-hydrophobic tags conjugated peptides. <i>Bioorganic Chemistry</i> , 2019 , 84, 254-259	5.1	14
351	The investigation of substituent effects on the fragmentation pathways of pentacoordinated phenoxyspirophosphoranes by ESI-MS. <i>Journal of Mass Spectrometry</i> , 2018 , 53, 314-322	2.2	2
350	Prebiotic formation of cyclic dipeptides under potentially early Earth conditions. <i>Scientific Reports</i> , 2018 , 8, 936	4.9	24
349	Synthesis and characterization of novel 1,2,3-triazoles containing a 1-hydroxyalkane-1,1-bisphosphonate substituent. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018 , 193, 206-210	1	3
348	Selective Formation of Ser-His Dipeptide via Phosphorus Activation. <i>Origins of Life and Evolution of Biospheres</i> , 2018 , 48, 213-222	1.5	3
347	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	13	41
346	An efficient synthesis of 2-Aminoethylidene-1,1-Bisphosphonates derivatives via Michael addition reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018 , 193, 149-154	1	1
345	A plausible model correlates prebiotic peptide synthesis with the primordial genetic code. <i>Chemical Communications</i> , 2018 , 54, 8598-8601	5.8	6
344	A "turn-off" SERS assay for kinase detection based on arginine N-phosphorylation process. <i>Talanta</i> , 2018 , 189, 353-358	6.2	13
343	Mixed Anhydrides of Nucleotides and Amino Acids Give Dipeptides: A Model System for Studying the Origin of the Genetic Code?. <i>ChemistrySelect</i> , 2018 , 3, 7849-7855	1.8	3
342	NMR-based metabolomic analysis of the effects of alanyl-glutamine supplementation on C2C12 myoblasts injured by energy deprivation.. <i>RSC Advances</i> , 2018 , 8, 16114-16125	3.7	5
341	Differential Modulation of the Aggregation of N-Terminal Truncated Aβ using Cucurbiturils. <i>Chemistry - A European Journal</i> , 2018 , 24, 13647-13653	4.8	14
340	De Novo Design To Synthesize Lanthipeptides Involving Cascade Cysteine Reactions: SapB Synthesis as an Example. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7528-7533	4.2	8
339	Recent Advances of Phosphorus-Centered Radical Promoted Difunctionalization of Unsaturated Carbon-Carbon Bonds. <i>Chinese Journal of Organic Chemistry</i> , 2018 , 38, 62	3	25
338	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	7.9	17

337	Evolutionary relationships between seryl-histidine dipeptide and modern serine proteases from the analysis based on mass spectrometry and bioinformatics. <i>Amino Acids</i> , 2018 , 50, 69-77	3.5	2
336	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	5.6	63
335	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	6.2	58
334	Cascade Annulation of 2-Alkynylthioanisoles with Unsaturated α -Bromocarbonyls Leading to Thio-Benzobicyclic Skeletons. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13726-13733	4.2	8
333	Copper-Catalyzed Radical Cascade Cyclization To Access 3-Sulfonated Indenones with the AIE Phenomenon. <i>Journal of Organic Chemistry</i> , 2018 , 83, 14419-14430	4.2	60
332	Oxidative C(sp ³) α amidation of tertiary arylamines with nitriles. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2860-2863	5.2	4
331	Silver-catalyzed decarboxylative cascade radical cyclization of tert-carboxylic acids and o-(allyloxy)arylaldehydes towards chroman-4-one derivatives. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2925-2929	5.3	57
330	Phosphorus Radical-Initiated Cascade Reaction To Access 2-Phosphoryl-Substituted Quinoxalines. <i>Journal of Organic Chemistry</i> , 2018 , 83, 11727-11735	4.2	52
329	Copper-Catalyzed Direct Oxidative C-H Functionalization of Unactivated Cycloalkanes into Cycloalkyl Benzo[b]phosphole Oxides. <i>Organic Letters</i> , 2018 , 20, 3455-3459	6.2	20
328	Cobalt-Catalyzed Oxidative C(sp)-H Phosphonylation for α -Aminophosphonates via C(sp)-H/P(O)-H Coupling. <i>Journal of Organic Chemistry</i> , 2018 , 83, 6754-6761	4.2	32
327	Appraisal of an oligomerization behavior of unprotected carbohydrates induced by phosphorus reagent. <i>Science China Chemistry</i> , 2018 , 61, 243-250	7.9	2
326	One-Pot Synthesis of Aryl Pyrazole C-Nucleoside Analogs of Pyrazofurin from Sugar Alkynes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1443-1449	3.2	7
325	A Concise Synthesis of Novel Aryl Pyrimidine C-Nucleoside Analogs from Sugar Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 561-565	3	
324	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	1	57
323	Phosphorylation at Ser 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	5.4	19
322	Iodine-Mediated Sulfonylation 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	3	43
321	Synthesis of (E)- β -iodovinyl sulfones via DTBP/I ₂ promoted difunctionalization of alkynes with sodium benzenesulfonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017 , 192, 391-396	1	11
320	A direct metal-free C2 α 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	5.2	42

319	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	6.6	17
318	Semi-synthesis of murine prion protein by native chemical ligation and chemical activation for preparation of polypeptide- β -thioester. <i>Journal of Peptide Science</i> , 2017 , 23, 438-444	2.1	6
317	H-phosphonate mediated sulfonylation of 2-substituted quinoline N-oxides: One-pot strategy for the synthesis of 3/4-sulfonylquinoline derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017 , 192, 887-895	1	3
316	Phosphorylation Weakens but Does Not Inhibit Membrane Binding and Clustering of K-Ras4B. <i>ACS Chemical Biology</i> , 2017 , 12, 1703-1710	4.9	28
315	Mn(OAc) ₃ -Mediated Synthesis of 3-Phosphonyldihydrofurans from β -Ketophosphonates and Alkenes. <i>Synlett</i> , 2017 , 28, 724-728	2.2	3
314	Copper-Catalyzed Cascade Radical Addition/Cyclization Halogen Atom Transfer between Alkynes and Unsaturated β -Halogenocarbonyls. <i>ACS Catalysis</i> , 2017 , 7, 186-190	13.1	26
313	Self-Assembled Nano-Immunostimulant for Synergistic Immune Activation. <i>ChemBioChem</i> , 2017 , 18, 1721-1729	3.8	11
312	A theoretical study on the mechanism of ruthenium(II)-catalyzed phosphoryl-directed ortho-selective C-H bond activations: the phosphoryl hydroxy group triggered Ru(II)/Ru(0) catalytic cycle. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1482-1492	5.2	11
311	Chitosan nanoparticles based nanovaccines for cancer immunotherapy. <i>Pure and Applied Chemistry</i> , 2017 , 89, 931-939	2.1	16
310	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	5.2	32
309	Visible Light as a Sole Requirement for Intramolecular C(sp)-H Imination. <i>Organic Letters</i> , 2017 , 19, 1994-1997	4.97	50
308	Acetonitrile-dependent oxyphosphorylation: A mild one-pot synthesis of β -ketophosphonates from alkenyl acids or alkenes. <i>Tetrahedron</i> , 2017 , 73, 2439-2446	2.4	26
307	Prophylactic Vaccine Based on Pyroglutamate-3 Amyloid β Generates Strong Antibody Response and Rescues Cognitive Decline in Alzheimer's Disease Model Mice. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 454-459	5.7	7
306	A Multiheteroatom [3,3]-Sigmatropic Rearrangement: Disproportionative Entries into 2-(N-Heteroaryl)methyl Phosphates and β -Keto Phosphates. <i>Organic Letters</i> , 2017 , 19, 5864-5867	6.2	28
305	Zn(OTf)-Catalyzed Phosphinylation of Propargylic Alcohols: Access to β -Ketophosphine Oxides. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11659-11666	4.2	14
304	Catalytic Cooperativity, Nuclearity, and O ₂ /H ₂ 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	2.3	7
303	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. <i>Nano</i> , 2017 , 12, 1750087	1.1	3
302	Selective inhibition of cancer cells by enzyme-induced gain of function of phosphorylated melittin analogues. <i>Chemical Science</i> , 2017 , 8, 7675-7681	9.4	9

301	Hydrophobic tagging-mediated degradation of Alzheimer's disease related Tau. <i>RSC Advances</i> , 2017 , 7, 40362-40366	3.7	24
300	Phosphinodifluoroalkylation of alkynes using P(O)H compounds and ethyl difluoroiodoacetate. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 2054-2057	5.2	18
299	Catalytic hydroboration of aldehydes, ketones, alkynes and alkenes initiated by NaOH. <i>Green Chemistry</i> , 2017 , 19, 4169-4175	10	98
298	A Direct C2-Selective Phenoxylation and Alkoxylation of Quinoline N-Oxides with Various Phenols and Alcohols in the Presence of H-Phosphonate. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 5125-5130 ⁹	3.2	13
297	Catalytic Cooperativity, Nuclearity, and O ₂ /H ₂ 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, 4885-4885	2.3	2
296	Front Cover: Catalytic Cooperativity, Nuclearity, and O ₂ /H ₂ O ₂ Specificity of Multi-Copper(II) Complexes of Cyclen-Tethered Cyclotriphosphazene Ligands in Aqueous Media (Eur. J. Inorg. Chem. 42/2017). <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4884-4884	2.3	1
295	Synthesis of an MUC1 Glycopeptide Dendrimer Based on β -Cyclodextrin by Click Chemistry. <i>Synlett</i> , 2017 , 28, 1961-1965	2.2	8
294	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	1	4
293	Chemical Methods to Knock Down the Amyloid Proteins. <i>Molecules</i> , 2017 , 22,	4.8	10
292	Lysosomal-Targeted Two-Photon Fluorescent Probe to Sense Hypochlorous Acid in Live Cells. <i>Analytical Chemistry</i> , 2017 , 89, 10384-10390	7.8	149
291	Synthesis and characterization of (S)-BINOL-modified cyclotriphosphazene tetradentate ligands. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1421-1424	1	4
290	Plasmon Modes Induced by Anisotropic Gap Opening in Au@Cu ₂ O Nanorods. <i>Small</i> , 2016 , 12, 4264-76	11	21
289	Phosphorylation induces distinct alpha-synuclein strain formation. <i>Scientific Reports</i> , 2016 , 6, 37130	4.9	57
288	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	6.2	28
287	Cascade Phosphinoylation/Cyclization/Isomerization Process for the Synthesis of 2-Phosphinoyl-9H-pyrrolo[1,2-a]indoles. <i>Organic Letters</i> , 2016 , 18, 5712-5715	6.2	50
286	A novel rosamine-based fluorescent probe for bisulfite in aqueous solution. <i>RSC Advances</i> , 2016 , 6, 103905-103909	3.7	20
285	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	4.2	48
284	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	5.8	69

283	Two new reversible naphthalimide-based fluorescent chemosensors for Hg(2.). <i>Luminescence</i> , 2016 , 31, 992-6	2.5	13
282	Consecutive visible-light photoredox decarboxylative couplings of adipic acid active esters with alkynyl sulfones leading to cyclic compounds. <i>Chemical Communications</i> , 2016 , 52, 8862-4	5.8	37
281	Synthesis of 3-phosphinoylquinolines via a phosphinoylation/cyclization/aromatization process mediated by tert-butyl hydroperoxide. <i>RSC Advances</i> , 2016 , 6, 60922-60925	3.7	24
280	Synthesis of S-Aryl Phosphorothioates by Copper-Catalyzed Phosphorothiolation of Diaryliodonium and Arenediazonium Salts. <i>Journal of Organic Chemistry</i> , 2016 , 81, 5588-94	4.2	38
279	Ammonia/water vapor-induced internal hydrolysis synthesis of sulfated TiO ₂ /SBA-15 solid acid. <i>Journal of Porous Materials</i> , 2016 , 23, 1353-1362	2.4	
278	Copper-catalyzed decarboxylative C ^β cross coupling of arylpropionic acids with dialkyl hydrazinylphosphonates leading to alkynylphosphonates. <i>Synthetic Communications</i> , 2016 , 46, 1175-1181	1.7	10
277	Copper-catalyzed cycloaddition between hydrogen phosphonates and activated alkenes: synthesis of phosphonoisoquinolinediones. <i>RSC Advances</i> , 2016 , 6, 303-306	3.7	26
276	Synthesis and Characterization of Alkoxy Spirophosphoranones Prepared from Hydrospiroposphoranones and Sodium Alcoholates. <i>Heteroatom Chemistry</i> , 2016 , 27, 63-71	1.2	7
275	A Cascade Phosphinoylation/Cyclization/Desulfonylation Process for the Synthesis of 3-Phosphinoylindoles. <i>Organic Letters</i> , 2016 , 18, 1242-5	6.2	75
274	Synthesis and Properties of a Novel FRET-Based Ratiometric Fluorescent Sensor for Cu(2.). <i>Journal of Fluorescence</i> , 2016 , 26, 769-74	2.4	15
273	tert-Butyl Hydroperoxide Mediated Cascade Synthesis of 3-Arylsulfonylquinolines. <i>Organic Letters</i> , 2016 , 18, 1286-9	6.2	73
272	Development of a stable phosphoarginine analog for producing phosphoarginine antibodies. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1925-9	3.9	21
271	TBAI-catalyzed oxidative C-H functionalization: a new route to benzo[b]phosphole oxides. <i>Chemical Communications</i> , 2016 , 52, 2815-8	5.8	25
270	Synthesis of digermylene-stabilized linear tetraboronate and boroxine. <i>Chemical Communications</i> , 2016 , 52, 1582-1585	5.8	6
269	Synthesis of α -Ketosulfones by using Sulfonyl Chloride as a Sulfur Source. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 878-881	3	26
268	Synthetic MUC1 Antitumor Vaccine Candidates with Varied Glycosylation Pattern Bearing R/S-configured Pam3 CysSerLys4. <i>ChemBioChem</i> , 2016 , 17, 1412-5	3.8	13
267	K ₂ S ₂ O ₈ -mediated metal-free direct P ^{III} /C ^{III} functionalization: a convenient route to benzo[b]phosphole oxides from unactivated alkynes. <i>Green Chemistry</i> , 2016 , 18, 3522-3526	10	45
266	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	3.6	32

265	Phosphorothiolation of Aryl Boronic Acids Using P(O)H Compounds and Elemental Sulfur. <i>Organic Letters</i> , 2016 , 18, 1266-9	6.2	63
264	Mechanism, catalysis and predictions of 1,3,2-diazaphospholenes: theoretical insight into highly polarized P π bonds. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 423-433	5.2	17
263	Specific Knockdown of Endogenous Tau Protein by Peptide-Directed Ubiquitin-Proteasome Degradation. <i>Cell Chemical Biology</i> , 2016 , 23, 453-61	8.2	92
262	Copper-Catalyzed Cycloaddition between Secondary Phosphine Oxides and Alkynes: Synthesis of Benzophosphole Oxides. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 138-142	5.6	50
261	N-phosphoryl amino acid models for P-N bonds in prebiotic chemical evolution. <i>Science China Chemistry</i> , 2015 , 58, 374-382	7.9	22
260	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, 12111-4	5.8	94
259	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, 8790-5	4.2	20
258	Copper catalyzed direct tert-butyl sulfonylation of alkynes with t-butylsulfonamide leading to (E)-vinyl sulfones. <i>RSC Advances</i> , 2015 , 5, 71215-71218	3.7	7
257	Ag-mediated cascade decarboxylative coupling and annulation: a convenient route to 2-phosphinobenzo[b]phosphole oxides. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 8221-31	3.9	42
256	Mn(OAc) ₃ -mediated arylation/actonization of alkenoic acids: synthesis of α,β -disubstituted butyrolactones. <i>RSC Advances</i> , 2015 , 5, 36167-36170	3.7	13
255	N-Terminal Acetylation of Phosphopeptides to Enhance the Interaction with SH2 Domain by Electrospray Ion Trap Mass Spectrometry. <i>International Journal of Peptide Research and Therapeutics</i> , 2015 , 21, 73-79	2.1	
254	An Efficient Synthesis of 1,2,3-Triazole Bridge-Connected Phosphonate Derivatives of Coumarin. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 961-971	1	3
253	Synthesis and Characterization of Phosphoramidate Piperazine Analogs of Paeonol. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 404-410	1	2
252	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	1	6
251	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. <i>Carbohydrate Research</i> , 2015 , 417, 41-51	2.9	5
250	Copper-Catalyzed Phosphonation-Annulation Approaches to the Synthesis of α -Phosphonotetrahydrofurans Involving C-P and C-O Bonds Formation. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11398-406	4.2	35
249	CuSO ₄ ·5H ₂ O-H-Phosphonate-Catalyzed Intermolecular C β Bond Formation: Synthesis of (E)-Vinyl Alkylsulfones from Alkynes and DMSO. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 314-319	3.2	18
248	Synthesis and Characterization of New Pyrospiroposphoranones Containing a P-O-P Bond by the Atherton-Todd Reaction. <i>Heteroatom Chemistry</i> , 2015 , 26, 168-174	1.2	7

247	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, 1192-9	4.2	24
246	CuSO ₄ -H-phosphonate catalyzed highly stereo- and regioselective dimerization of terminal alkynes. <i>RSC Advances</i> , 2015 , 5, 5004-5009	3.7	6
245	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. <i>Analytica Chimica Acta</i> , 2015 , 853, 391-401	6.6	1
244	Highly Chemoselective Synthesis of Novel 6-O-phosphorylated 6-Hydroxypyridazine-3(2H)-one. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 79-84	1	
243	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	1	7
242	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	3.6	36
241	Tracing the nitrogen metabolites of glycine using (15)N-glycine and mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015 , 29, 645-53	2.2	4
240	Rhodium-Catalyzed Hydrosilylation Reaction of N-Sulfonyl-1,2,3-triazoles with Triphenylsilane: Access to Diverse Compounds. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4471-4480	3.2	8
239	Distinguishing isomeric aldohexose-ketohexose disaccharides by electrospray ionization mass spectrometry in positive mode. <i>Rapid Communications in Mass Spectrometry</i> , 2015 , 29, 2167-74	2.2	7
238	Al ⁴² and Al ⁴⁰ : similarities and differences. <i>Journal of Peptide Science</i> , 2015 , 21, 522-9	2.1	71
237	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	3.6	36
236	Palladium-Catalyzed Domino Addition and Cyclization of Arylboronic Acids with 3-Hydroxyprop-1-yn-1-yl Phosphonates Leading to 1,2-Oxaphospholenes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6908-14	4.2	10
235	The 3JCCNP 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		5
234	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, 549-54	4.4	35
233	Mass spectrometry-based method to investigate the natural selectivity of sucrose as the sugar transport form for plants. <i>Carbohydrate Research</i> , 2015 , 407, 5-9	2.9	6
232	A one-pot strategy to synthesize α -ketophosphonates: silver/copper catalyzed direct oxyphosphorylation of alkynes with H-phosphonates and oxygen in the air. <i>Chemical Communications</i> , 2015 , 51, 3846-9	5.8	73
231	Rhodium-Catalyzed Desulfination of Sodium Arenesulfonates and Oxidative Annulation with Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 489-499	5.6	5
230	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	4.1	16

229	Synthesis of 6-Phenanthridinephosphonates via a Radical Phosphonation and Cyclization Process Mediated by Manganese(III) Acetate. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 691-694	3	27
228	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 ^{5,6}	5.6	44
227	Mn(OAc) ₃ -mediated synthesis of α -hydroxyphosphonates from P(O)H compounds and alkenes. <i>RSC Advances</i> , 2014 , 4, 51776-51779	3.7	35
226	Silver catalyzed decarboxylative direct C2-alkylation of benzothiazoles with carboxylic acids. <i>Chemical Communications</i> , 2014 , 50, 2018-20	5.8	76
225	Experimental and theoretical studies on nickel(II)-catalyzed cross-coupling of gem-dibromoalkenes with P(O)H compounds. <i>RSC Advances</i> , 2014 , 4, 2322-2326	3.7	22
224	Catalyst-free synthesis of cycloalkenyl phosphonates. <i>RSC Advances</i> , 2014 , 4, 14740-14743	3.7	2
223	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	5.8	30
222	Peroxides as "switches" of dialkyl H-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, 8407-16	4.2	61
221	Palladium-Catalyzed C-P Cross-Coupling of Arylhydrazines with H-Phosphonates via C-N Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2948-2954	5.6	47
220	Design and synthesis of novel distamycin-modified nucleoside analogues as HIV-1 reverse transcriptase inhibitors. <i>Antiviral Research</i> , 2014 , 102, 54-60	10.8	1
219	Copper-catalyzed decarboxylative C-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, 4464-7	6.2	80
218	H-Phosphonate-Mediated Amination of Quinoline N-Oxides with Tertiary Amines: A Mild and Metal-Free Synthesis of 2-Dialkylaminoquinolines. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1979-1985 ^{5,6}	5.6	35
217	Two-dimensional countercurrent chromatography [high performance liquid chromatography for preparative isolation of toad venom. <i>Journal of Chromatography A</i> , 2014 , 1331, 80-9	4.5	28
216	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	2.6	14
215	A fluorescence ratiometric chemosensor for Fe ²⁺ based on TBET and its application in living cells. <i>Talanta</i> , 2014 , 128, 69-74	6.2	39
214	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	6.6	29
213	Copper-Catalyzed Oxidative Electrophilic Carbonylfunctionalization of Acrylamides for the Synthesis of Oxindoles. <i>Synlett</i> , 2014 , 25, 2009-2012	2.2	9
212	Clearance of the intracellular high level of the tau protein directed by an artificial synthetic hydrolase. <i>Molecular BioSystems</i> , 2014 , 10, 3081-5		8

211	Synthesis of Diarylmethanes through Palladium-Catalyzed Coupling of Benzylic Phosphates with Arylsilanes. <i>Synlett</i> , 2014 , 25, 2928-2932	2.2	13
210	Tuning the selectivity of two fluorescent probes to Cr(III) and Pb(II). <i>Monatshefte Für Chemie</i> , 2013 , 144, 139-145	1.4	2
209	Short Peptide Segment and Insulin Co-Assembly Forms Cytotoxic Oligomers. <i>International Journal of Peptide Research and Therapeutics</i> , 2013 , 19, 185-189	2.1	1
208	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	3.7	22
207	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	3.7	26
206	Direct transformation of amides into α -amino phosphonates via a reductive phosphination process. <i>Organic Letters</i> , 2013 , 15, 4214-7	6.2	62
205	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	1	7
204	Synthesis, Characterization, and Activity of Cyclotriphosphazene-Cyclene Conjugates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 54-58	1	5
203	Nickel(II)-Magnesium-Catalyzed Cross-Coupling of 1,1-Dibromo-1-alkenes with Diphenylphosphine Oxide: One-Pot Synthesis of (E)-1-Alkenylphosphine Oxides or Bisphosphine Oxides. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 659-666	5.6	57
202	Copper-Catalyzed Sequential N-Arylation and Aerobic Oxidation: Synthesis of Quinazoline Derivatives. <i>Synlett</i> , 2013 , 24, 2089-2094	2.2	12
201	Synthesis and Characterization of Nitrogen Heterocyclic Derivatives Containing Sulfur Ether and Schiff Base. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 1564-1575	1	0
200	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	7.9	12
199	Highly Regioselective Synthesis of Novel 4-O-Phosphorylated Paeonol Analogs. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012 , 187, 859-863	1	3
198	KOH-mediated transition metal-free synthesis of imines from alcohols and amines. <i>Green Chemistry</i> , 2012 , 14, 2384	10	63
197	Palladium(II)-Catalyzed Hydration of Alkynylphosphonates to β -Ketophosphonates. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2427-2432	5.6	71
196	Copper-Catalyzed Synthesis of Alkylphosphonates from H-Phosphonates and N-Tosylhydrazones. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2659-2664	5.6	68
195	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	3.6	27
194	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	2.1	1

193	Synthesis and Spectroscopic Characterization of Some New Piperazine Phosphoramidate Derivatives of 4-Hydroxycoumarin. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012 , 187, 245-254	1	13
192	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	1	2
191	Efficient Solvent-Free Knoevenagel Condensation Between β -Diketone and Aldehyde Catalyzed by Silica Sulfuric Acid. <i>Synthetic Communications</i> , 2011 , 41, 347-356	1.7	14
190	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	9
189	Comparison of Non-covalent Interactions Between a Series of N-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	2.1	2
188	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	2.3	17
187	Intermolecular Phosphoryl Transfer of N-Phosphoryl Amino Acids. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 3220-3228	3.2	16
186	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	3.2	38
185	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	4.9	2
184	Concentration effects in solid-state CD spectra of chiral atropisomeric compounds. <i>New Journal of Chemistry</i> , 2011 , 35, 1781	3.6	33
183	Copper (I) Iodide-Catalyzed Solvent-Free Synthesis of β -Aminophosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 2145-2155	1	10
182	Synthesis and Characterization of Bidentate Cyclotriphosphazene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 2202-2207	1	10
181	Synthesis and Characterization of Side Group Modified Cyclotetraphosphazene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 281-286	1	19
180	Synthesis of Novel Coumarin-7,8-cyclophosphoramidate Analogs. <i>Synthetic Communications</i> , 2010 , 40, 1992-1997	1.7	15
179	Silica Phosphoric Acid: An Efficient and Recyclable Catalyst for the Solvent-Free Synthesis of Acylals and Their Deprotection in MeOH. <i>Synthetic Communications</i> , 2010 , 40, 3240-3250	1.7	10
178	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	1	1
177	Synthesis, Characterizations, and Crystal Structures of β -Hydroxyphosphonic Acid Esters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010 , 185, 2182-2193	1	15
176	The Investigation of Interaction Competition Between ATP and DIPP-Ala, Boc-Ala, or Ala by ESI-MS/MS and Theoretical Calculation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010 , 185, 1587-1593	1	

175	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	0
174	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. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3890-2	4.2	100
173	Synthesis of the Novel Phosphoramidate Derivatives of Chrysin. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010 , 185, 274-278	1	9
172	Synthesis of Novel Piperazine Phosphoramidate Analogues of 2-Arylquinolones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010 , 185, 1516-1520	1	
171	Evaluation of non-covalent interaction between Seryl-Histidine dipeptide and cyclophilin A using NMR and molecular modeling. <i>Science China Chemistry</i> , 2010 , 53, 1987-1993	7.9	3
170	Hydrolysis of DNA by a Dipeptides Containing Histidine. <i>International Journal of Peptide Research and Therapeutics</i> , 2010 , 16, 297-300	2.1	2
169	LC-MS analysis of the formed peptides from N-(O, O-diiso-propyl) phosphoryl aspartic acid. <i>Chinese Journal of Chemistry</i> , 2010 , 18, 932-935	4.9	1
168	Synthesis and Electrospray Ionization Mass Spectra of Amino Acid Thiophosphoramidates of Nucleoside. <i>Chinese Journal of Chemistry</i> , 2010 , 19, 1239-1244	4.9	2
167	Synthesis and Novel Properties of Alkyl Thiophosphoramidate Derivatives of Nucleosides. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 492-496	4.9	
166	Monitoring the Hydrolysis of p-Nitrophenyl Acetate Catalyzed by Seryl-histidine with Electrospray Ionization Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 1097-1101	4.9	6
165	Studies on Synthesis and Intramolecular Catalyzed Hydrolysis of Thiophosphoramidate Derivatives of Nucleoside. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 1434-1438	4.9	
164	Ligand Exchange Between Penta-Coordinated Phosphoryl Serine and Histidine Compounds. <i>Chinese Journal of Chemistry</i> , 2010 , 21, 1647-1651	4.9	
163	Novel and Convenient Approach to Synthesis of AZT/d4T H-phosphonates. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 225-227	4.9	2
162	Novel Rearrangement of Small Peptides in Electrospray Ionization Tandem Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 477-481	4.9	1
161	Elucidation of O-phosphoryl and N-phosphoryl amino acids by electrospray ionization tandem mass spectrometry. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 870-873	4.9	1
160	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	5.6	27
159	A Simple Copper-Catalyzed Cascade Synthesis of 2-Amino-1H-indole-3-carboxylate Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1033-1038	5.6	50
158	ESI-MSn study on the fragmentation of protonated cyclic-dipeptides. <i>Spectroscopy</i> , 2009 , 23, 131-139		19

157	Highly Efficient Iron(II) Chloride/N-Bromosuccinimide-Mediated Synthesis of Imides and Acylsulfonamides. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 246-252	5.6	19
156	Efficient Copper-Catalyzed Synthesis of N-Alkylanthranilic Acids via an ortho-Substituent Effect of the Carboxyl Group of 2-Halobenzoic Acids at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1671-1676	5.6	31
155	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	5.6	48
154	Cycloaddition reaction of phosphonyl nitrile oxides to phosphacetylene and alkene. <i>Heteroatom Chemistry</i> , 2009 , 20, 95-100	1.2	11
153	On the Electrophilicity of Cyclic Acylphosphoramidates (CAPAs) Postulated as Intermediates. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3026-3035	3.2	12
152	Synthesis and Characterization of Chloropentaaryloxycyclotriphosphazene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009 , 184, 2103-2108	1	8
151	One-Pot Synthesis of 5'-Diaryl Esters and Diamidates of Phosphate, Phosphorothioate, and Phosphoroselenoate Derivatives of AZT and d4T. <i>Synthetic Communications</i> , 2009 , 39, 1342-1354	1.7	1
150	Copper-catalyzed aerobic oxidative coupling of terminal alkynes with H-phosphonates leading to alkynylphosphonates. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7956-7	16.4	245
149	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	1	7
148	N-phosphorylation of amino acids by trimetaphosphate in aqueous solution: learning from prebiotic synthesis. <i>Green Chemistry</i> , 2009 , 11, 569	10	23
147	The Synthesis and ³¹ P NMR Spectral Studies of Cyclophosphazenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009 , 184, 1958-1963	1	5
146	Chirality at phosphorus in pentacoordinate spirophosphoranes: stereochemistry by X-ray structure and spectroscopic analysis. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3020	3.9	25
145	Synthesis of a Novel Type of Phosphoramidate Derivatives of 2-Arylquinolone. <i>Journal of the Chinese Chemical Society</i> , 2009 , 56, 51-58	1.5	6
144	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	1	5
143	General and efficient copper-catalyzed amidation of saturated C-H bonds using N-halosuccinimides as the oxidants. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6207-12	4.2	102
142	Quick and highly efficient copper-catalyzed cycloaddition of aliphatic and aryl azides with terminal alkynes in water. <i>Green Chemistry</i> , 2008 , 10, 452	10	74
141	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	1	1
140	Regioselective Cycloadditions of α -Substituted Vinylphosphonate with Nitrile Oxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 184, 135-140	1	7

139	Synthesis of Novel Steroidal Bioconjugates of Phospholipid with AZT. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 538-542	1	1
138	The Effects of Reversible Phosphorylation on Peptide and Protein Local Structure. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 249-252	1	
137	The Positive and Negative Electrospray Ionization (ESI) Mass Spectrometry of 1-(N-Ethoxycarbonylamino) Arylmethylphosphonic Monoesters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 762-763	1	2
136	Synthesis of Phosphoryl Amino Acids Chrysin Esters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 603-609	1	8
135	The Synthesis of Dialkoxyphosphorylcarboxamides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 701-705	1	1
134	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	1.6	2
133	Sequestration of copper from beta-amyloid promotes selective lysis by cyclen-hybrid cleavage agents. <i>Journal of Biological Chemistry</i> , 2008 , 283, 31657-64	5.4	96
132	Studies on the Contribution of Phosphoryl Group to the Non-Covalent Interaction between ATP and α -Aminophosphonic Acids Derivatives by ESI-MS and Molecular Modeling. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 791-796	1	1
131	Green Synthesis of N-Phosphono-Amino Acids by Trimetaphosphate (P ₃ m). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 773-774	1	
130	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	1	1
129	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	1	1
128	Synthesis and Cytotoxicity of Pyrrole-Amino Acid Dipeptides Containing Phosphonyl Group. <i>Journal of Chemical Research</i> , 2008 , 2008, 528-529	0.6	
127	Synthesis and cytotoxicity of nitrogen mustard/tripolypyrrole conjugate. <i>Journal of Heterocyclic Chemistry</i> , 2008 , 45, 1851-1854	1.9	
126	Detection and Sequence Identification of Dinucleotides Produced from N-Phosphoryl Alanine and Four Nucleosides by HPLC-ESI-MS/MS. <i>Chinese Journal of Chemistry</i> , 2008 , 26, 1285-1290	4.9	2
125	Copper-Catalyzed Cycloaddition of Sulfonyl Azides with Alkynes to Synthesize N-Sulfonyltriazoles in Water at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 1830-1834	5.6	74
124	Hydrolysis Reaction of N-Phosphoryl- α - and β -amino Acids Studied by HPLC. <i>Chinese Journal of Chemistry</i> , 2007 , 25, 1559-1562	4.9	3
123	Quantum chemical study of cyclic dipeptides. <i>International Journal of Quantum Chemistry</i> , 2007 , 107, 745-753	2.1	40
122	Studies on the DNA binding and cleavage activity of a synthesized polyamide containing dipeptide Ser-His. <i>Science in China Series B: Chemistry</i> , 2007 , 50, 806-811		

121	QSAR analysis of substituted benzylamino- and heterocyclymethylamino-carbodithioate derivatives of 4-(3H)-quinazolinone using CoMFA and SCORE2.0. <i>Science Bulletin</i> , 2007 , 52, 3200-3206		1
120	A THEORETICAL STUDY ON THE MECHANISM OF 2:1 1, 3 DIPOLAR CYCLOADDITION REACTIONS. <i>Journal of Theoretical and Computational Chemistry</i> , 2007 , 06, 861-867	1.8	3
119	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	1	1
118	Synthesis of a Novel Type of Phosphates of Puerarin. <i>Journal of the Chinese Chemical Society</i> , 2007 , 54, 583-585	1.5	4
117	1,3-Dipolar Cycloadditions of Substituted Vinylphosphonate with Nitrile Oxides or Nitrones. <i>Journal of Chemical Research</i> , 2007 , 2007, 19-21	0.6	2
116	Copper-catalyzed amidation of sp ³ C-H bonds adjacent to a nitrogen atom. <i>Organic Letters</i> , 2007 , 9, 3813-6	3.6	130
115	Synthesis and Mass Spectrometry of 2-Hydroxyethyl 1-Aminoalkylphosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007 , 182, 25-33	1	12
114	Characteristic Fragmentation Behavior of Steroidal Phosphor- amidate Conjugates in Electrospray Ionization Tandem Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2006 , 24, 943-949	4.9	0
113	Anodic cyanation of 1-arylpyrroles. <i>Journal of Heterocyclic Chemistry</i> , 2006 , 43, 681-684	1.9	7
112	Synthesis of Novel Biomimetic Zwitterionic Phosphorylcholine-Bound Chitosan Derivative. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 548-552	4.8	28
111	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	5.6	138
110	Studies on the structure behavior of triphenyldichlorophosphorane in different solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006 , 63, 192-5	4.4	7
109	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	3.5	7
108	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	2.1	8
107	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	2.1	1
106	Substituent effects and mechanism elucidation of enantioselective sulfoxidation catalyzed by vanadium Schiff base complexes. <i>New Journal of Chemistry</i> , 2005 , 29, 1125	3.6	47
105	Synthesis of a diverse series of phosphacoumarins with biological activity. <i>Organic Letters</i> , 2005 , 7, 4919-22	2.2	71
104	FTIR Studies on Langmuir-Blodgett Films of Novel Phosphorus Amphiphiles: Spontaneous Polycondensation at the Air/Water Interface. <i>Journal of Chemical Research</i> , 2005 , 2005, 385-387	0.6	

103	A Synthetic Route to N-methylpyrrole Containing Polyamide/Peptide Conjugate. <i>Journal of Chemical Research</i> , 2005 , 2005, 254-256	0.6	1
102	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	5.6	67
101	ESI-MS Studies of Hetro-peptide Libraries by Phosphorus Oxychloride Activation. <i>International Journal of Peptide Research and Therapeutics</i> , 2005 , 11, 111-115	2.1	2
100	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	2.1	11
99	Chemical Modification of Insulin by N-phosphorylation. <i>International Journal of Peptide Research and Therapeutics</i> , 2005 , 11, 167-175	2.1	2
98	Hydrolysis of DNA by a Branched Peptide without Aromatic Residues. <i>International Journal of Peptide Research and Therapeutics</i> , 2005 , 11, 181-183	2.1	
97	Theoretical and experimental studies on the Raman spectra of electrosynthesized polynaphthalene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005 , 43, 241-251	2.6	9
96	Hydrolysis of DNA by N-Phosphoryl Branched Peptide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 1947-1951	1	2
95	An Efficient Method for Synthesis of 4-(Phosphonomethyl)benzene Derivatives Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2004 , 34, 1017-1022	1.7	0
94	The Investigation of β -Cyclodextrin Noncovalent Complex with Protein or Dipeptide by Electrospray Ionization Mass Spectrometry. <i>Analytical Letters</i> , 2004 , 37, 1871-1883	2.2	3
93	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	1.8	9
92	Penta-coordinated phosphorus structure analysis on kinases. <i>Science in China Series B: Chemistry</i> , 2004 , 47, 420-427		1
91	Synthesis of Novel Phosphoric Esters of Flavone and Isoflavone by Atherton- α Odd Reaction. <i>Synthetic Communications</i> , 2004 , 34, 493-499	1.7	12
90	Theoretical Study on the Rearrangement of β -OH and α -OH in ESI Mass Spectrometry by N-Phosphorylation. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 7686-7690	2.8	4
89	Synthesis of Monoimidazole/Polyamine Amides. <i>Synthetic Communications</i> , 2004 , 34, 1609-1615	1.7	1
88	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
87	^{13}C Nuclear Magnetic Resonance Studies of the Conformations of Serine-3'- and 5'-Thymidine Monophosphate Conjugates. <i>Spectroscopy Letters</i> , 2003 , 36, 419-427	1.1	
86	Synthesis and Resolution of Dinucleotide(TpAZT) Phosphoramidates. <i>Synthetic Communications</i> , 2003 , 33, 2553-2562	1.7	2

85	Synthesis and matrix assisted laser desorption/ionization time of flight (MALDI-TOF) mass spectrometry study of phosphopeptide. <i>International Journal of Peptide Research and Therapeutics</i> , 2003 , 10, 57-62		9
84	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		
83	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		1
82	X-ray crystal structure of cytochalasin D produced by <i>Tubercularia</i> sp., a novel endophytic fungus of <i>Taxus mairei</i> . <i>Journal of Chemical Crystallography</i> , 2003 , 33, 51-56	0.5	3
81	A Convenient Route to Symmetric Phosphate, Phosphorothioate, and Phosphoroselenoate of AZT and D4T. <i>Synthetic Communications</i> , 2003 , 33, 4157-4162	1.7	4
80	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	2.1	
79	Peptide segment ligation: A new method for synthesis of peptide and protein. <i>Science Bulletin</i> , 2003 , 48, 1-5		7
78	A Stepwise one-pot synthesis of aryl N-phosphoramidothionate derivatives of nucleosides. <i>Heteroatom Chemistry</i> , 2003 , 14, 62-66	1.2	7
77	A facile approach to phosphonic acid diesters. <i>Heteroatom Chemistry</i> , 2003 , 14, 208-210	1.2	5
76	Phosphoryl group differentiating α -amino acids from β - and γ -amino acids in prebiotic peptide formation. <i>International Journal of Quantum Chemistry</i> , 2003 , 94, 232-241	2.1	9
75	Apoptosis induced by (DIPP-L-Leu) ₂ -L-Lys-OCH ₃ in K562 cells. <i>Science Bulletin</i> , 2003 , 48, 869-872	10.6	2
74	Synthesis and matrix assisted laser desorption/ionization time of flight (MALDI-TOF) mass spectrometry study of phosphopeptide. <i>International Journal of Peptide Research and Therapeutics</i> , 2003 , 10, 57-62		
73	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		
72	Predicting melting temperature (T _m) of oligoribonucleotide duplex by neural network. <i>Journal of Chemometrics</i> , 2002 , 16, 75-80	1.6	7
71	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		1
70	Penta-coordinate phosphorous compounds and biochemistry. <i>Science in China Series B: Chemistry</i> , 2002 , 45, 337-348		12
69	Penta-Coordinate Phosphorus Compounds and Biochemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 1391-1396	1	2
68	A Convenient Two-Step One-Pot Synthesis of Alkylthiophosphoramidates Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 641-646	1	4

67	A STEPWISE ONE POT SYNTHESIS OF ALKYL THIOPHOSPHORAMIDATE DERIVATIVES OF NUCLEOSIDES. <i>Synthetic Communications</i> , 2002 , 32, 1159-1167	1.7	6
66	ONE POT SYNTHESIS OF NUCLEOSIDE 5?-THIOPHOSPHORAMIDATES. <i>Synthetic Communications</i> , 2002 , 32, 1069-1076	1.7	5
65	ONE POT SYNTHESIS OF ARYL THIOPHOSPHORAMIDATE DERIVATIVES OF AZT. <i>Synthetic Communications</i> , 2002 , 32, 3301-3309	1.7	1
64	STUDY ON THE THERMOLYSIS OF 5?-O-TRITYL-2?,3?-O-TRIPHENYL-PHOSPHORANEDIYLURIDINE. <i>Synthetic Communications</i> , 2001 , 31, 631-636	1.7	1
63	Rearrangement with formamide extrusion in the electrospray mass spectra of aminoacylbenzylamines. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 1489-93	2.2	9
62	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	2.2	18
61	Differentiation of β -COOH from α -COOH in aspartic acids by N-phosphorylation. <i>International Journal of Quantum Chemistry</i> , 2001 , 83, 41-51	2.1	9
60	SYNTHESIS OF N-PHOSPHOPEPTIDES COUPLED BY DICHLOROTRIPHENYLPHOSPHORANE. <i>Synthetic Communications</i> , 2001 , 31, 2067-2075	1.7	2
59	Convenient Synthesis of Uridine 5? - Oxyphosphorane. <i>Synthetic Communications</i> , 2000 , 30, 2769-2774	1.7	4
58	Identification of self-assembly products from N-phosphoamino acids by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 1491-3	2.2	17
57	Electrospray ionization mass spectra of amino acid phosphoramidates of adenosine. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 1813-22	2.2	12
56	Cleavage of BSA by a dipeptide seryl-histidine. <i>International Journal of Peptide Research and Therapeutics</i> , 2000 , 7, 325-329		6
55	Cleavage of BSA by a dipeptide seryl-histidine. <i>International Journal of Peptide Research and Therapeutics</i> , 2000 , 7, 325-329		5
54	Research progresses of artificial nucleic acid cleavage agents. <i>Science Bulletin</i> , 2000 , 45, 2017-2028		4
53	STUDIES ON THE CONFORMATIONS OF O-URIDINE-5?-YL O-ALKYL N-PHOSPHORYL SERINE METHYL ESTERS BY NUCLEAR MAGNETIC RESONANCE (NMR) AND CIRCULAR DICHROISM (CD). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000 , 164, 173-180	1	
52	FORMATION OF OLIGOPEPTIDES FROM N-PHOSPHOAMINO ACID BY INFRARED RADIATION. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000 , 163, 203-210	1	3
51	Synthesis of Novel N β N β -Lysine Linked Dinucleotides. <i>Synthetic Communications</i> , 2000 , 30, 3141-3151	1.7	3
50	Reaction of Carbohydrates and Pentacoordinate Oxaphosphorane and Their Biomimetic Mechanism. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000 , 167, 93-100	1	

49	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	1	6
48	Novel Synthesis of Tri- and Penta-Coordinate Phosphorous Saccharide. <i>Synthetic Communications</i> , 2000 , 30, 4087-4092	1.7	1
47	Identification of self-assembly products from N-phosphoamino acids by electrospray ionization mass spectrometry 2000 , 14, 1491		1
46	³¹ P NMR Spectral Evidence for the Hexacoordinated Phosphorus Intermediates in the Reaction of Oxyphosphorochloridate With Amino Acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 147, 215-215	1	1
45	Investigations on the Effects of Camp on Membrane Phospholipid of Human Erythrocytes by Laser Raman Spectroscopy. <i>Spectroscopy Letters</i> , 1999 , 32, 197-203	1.1	1
44	Water and nonelectrolyte permeability of plant cell membranes after short term application of amino acids and phosphorylated amino acids 1999 , 42, 232-238		
43	Mass spectra of aminoacyl adenylate pentacoordinated phosphorus compounds. <i>Rapid Communications in Mass Spectrometry</i> , 1999 , 13, 1477-9	2.2	3
42	The Interactions of Amino Acids and Peptides with DNA. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 147, 211-211	1	
41	Oligomerization of N,O-Bis(trimethylsilyl)amino Acids into Peptides Mediated by o-Phenylene Phosphorochloridate. <i>Journal of the American Chemical Society</i> , 1999 , 121, 291-295	16.4	74
40	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	2.2	1
39	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	1.1	1
38	Direct Thiophosphorylation of Amino Acids and Peptides. <i>Synthetic Communications</i> , 1998 , 28, 1727-1736.7		0
37	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	1	1
36	Novel ions of quaternary ammonium halides in FDMS. <i>Science in China Series B: Chemistry</i> , 1997 , 40, 575-582		1
35	Fast Atom Bombardment Mass Spectra of N-Phosphorylated Peptide Analogs. <i>Journal of Mass Spectrometry</i> , 1997 , 32, 813-819	2.2	1
34	Mass spectra of pentacoordinate spirobicyclic imino(alkyl)acetoxyporphoranes. <i>Rapid Communications in Mass Spectrometry</i> , 1997 , 11, 1825-1828	2.2	6
33	Phosphoryl transfer reaction regulated by amino acid side chains: a model for phosphoproteins. <i>International Journal of Peptide and Protein Research</i> , 1996 , 47, 276-81		6
32	HYDROLYSIS REACTIONS OF N-PHOSPHOAMINO ACIDS: A MODEL FOR PROTEIN DEPHOSPHORYLATION. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 116, 15-28	1	4

31	Simultaneous formation of peptides and nucleotides from N-phosphothreonine. <i>Origins of Life and Evolution of Biospheres</i> , 1996 , 26, 547-60	1.5	37
30	31P-13C, 31P-1H SPIN-SPIN COUPLING AND STRUCTURAL ASSIGNMENT AND CONFORMATIONAL ANALYSIS OF EPIMERIC THYMIDINE-3'-YL BENZOIN PHOSPHATES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 118, 219-225	1	3
29	THE DIFFERENT CHEMICAL PROPERTIES OF TWO PHOSPHORYL GROUPS IN N ^ε -BIS(O,O-DIISOPROPYL) PHOSPHOLYSINE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 116, 57-64	1	2
28	STUDIES ON REACTION OF RIBONUCLEOSIDES WITH OXYPHOSPHORANE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 118, 257-261	1	2
27	Self-activation of N-phosphoamino acids and N-phosphodipeptides in oligopeptide formation. <i>International Journal of Peptide and Protein Research</i> , 1995 , 45, 514-8		34
26	Phosphoryl amino acids: Common origin for nucleic acids and protein. <i>Journal of Biological Physics</i> , 1995 , 20, 283-287	1.6	42
25	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	1	1
24	Ester Exchange Reaction of Oxyphosphorane with Thymidine. <i>Synthetic Communications</i> , 1995 , 25, 3691-3694	3	5
23	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	1	16
22	THE CHEMICAL PROPERTIES OF N-(O,O-DIISOPROPYL)PHOSPHORYL-ARGININE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995 , 106, 131-136	1	1
21	Electron impact mass spectrometry of monocyclic and spirocyclic oxyphosphorane compounds. <i>Journal of Mass Spectrometry</i> , 1995 , 30, 755-758	2.2	1
20	Negative-ion fast atom bombardment mass spectrometry of N-phosphoamino acids. <i>Organic Mass Spectrometry</i> , 1994 , 29, 201-204		10
19	STUDIES ON DIASTEREOMERIC N-PHOSPHONOAMINO ACID ESTERS CONTAINING A PHOSPHORUS-CARBON BOND. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994 , 86, 69-74	1	4
18	N-SELECTIVE PHOSPHORYLATION WITH CHLOROPHOSPHORYL DIALKYLESTERS PREPARED FROM DIALKYLPHOSPHITE/CCl ₄ /NEt ₃ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 82, 67-72	1	4
17	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	1	2
16	Phosphoryl transfer reaction of phospho-histidine. <i>Heteroatom Chemistry</i> , 1993 , 4, 415-419	1.2	17
15	Phosphoryl group participation leads to peptide formation from N-phosphorylamino acids. <i>International Journal of Peptide and Protein Research</i> , 1992 , 39, 375-81		41
14	STUDY ON THE REACTION OF HALOFORM WITH HEXAALKYL PHOSPHOROUS TRIAMIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992 , 70, 153-158	1	3

13	FURTHER INVESTIGATION ON IODOCYCLIZATION OF UNSATURATED PHOSPHONATES AND CARBOXYLIC COMPOUNDS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992 , 66, 115-125	1	6
12	PHOSPHORYL GROUP PARTICIPATION IN THE REACTIONS OF N-PHOSPHORYLDIPEPTIDE ACIDS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992 , 66, 107-114	1	8
11	In situ N-phosphorylation of oligopeptides for fast atom bombardment mass spectrometry. <i>Organic Mass Spectrometry</i> , 1992 , 27, 746-749		4
10	A novel reagent, dialkylphosphite, for peptide synthesis. <i>International Journal of Peptide and Protein Research</i> , 1991 , 37, 457-61		4
9	Novel fragmentation of N-diisopropoxyphosphoryl dipeptides and tripeptides by fast atom bombardment mass spectrometry. <i>Organic Mass Spectrometry</i> , 1991 , 26, 510-513		9
8	Fragmentation characteristics of N-dialkyloxyphosphinylpeptides under fast atom bombardment. <i>Biological Mass Spectrometry</i> , 1991 , 20, 498-502		7
7	DIASTEREOISOMERS FROM IODINE-INDUCED CYCLIZATION REACTION OF PHOSPHONATE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991 , 55, 1-7	1	1
6	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	1	6
5	SYNTHESIS AND PROPERTIES OF N-(DIISOPROPYLOXYPHOSPHORYL)- CYSTEINE AND ITS DERIVATIVES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991 , 60, 233-237	1	8
4	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	1	4
3	N-PHOSPHORYL AMINO ACIDS AND PEPTIDES: PART IV: N-ALKYL SUBSTITUTION EFFECTS ON THE ³¹ P-Nmr SPECTRA OF PHOSPHORAMIDATES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991 , 57, 5-9	1	3
2	Synthesis of α -phosphorothiolated alcohols by photoredox/copper catalyzed remote C(sp ³) β phosphorothiolation of N-alkoxy pyridinium salts. <i>Organic Chemistry Frontiers</i> ,	5.2	1
1	Application of pentacoordinated spirophosphorane as a new organocatalyst for the Michael addition reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-12	1	2