Zhiyong Wang

List of Publications by Year
in descending order

36 papers	1,685 citations	279798 23 h-index	315739 38 g-index
56 all docs	56 docs citations	56 times ranked	1625 citing authors

#	Article	IF	Citations
1	A Facile System for Genetic Incorporation of Two Different Noncanonical Amino Acids into One Protein in Escherichia coli. Angewandte Chemie - International Edition, 2010, 49, 3211-3214.	13.8	189
2	Genetically Encoded Cyclopropene Directs Rapid, Photoclickâ€Chemistryâ€Mediated Protein Labeling in Mammalian Cells. Angewandte Chemie - International Edition, 2012, 51, 10600-10604.	13.8	177
3	A Copper-Catalyzed Three-Component Reaction of Triethoxysilanes, Sulfur Dioxide, and Hydrazines. Organic Letters, 2014, 16, 4056-4058.	4.6	123
4	Palladium-catalyzed decarboxylative cross-coupling reaction of cinnamic acid with aryl iodide. Organic and Biomolecular Chemistry, 2009, 7, 863.	2.8	108
5	The de novo engineering of pyrrolysyl-tRNA synthetase for genetic incorporation of l-phenylalanine and its derivatives. Molecular BioSystems, 2011, 7, 714.	2.9	76
6	A genetically encoded photocaged NÎµ-methyl-l-lysine. Molecular BioSystems, 2010, 6, 1557.	2.9	72
7	Tandem Electrophilic Cyclizationâ^'[3+2] Cycloadditionâ^'Rearrangement Reactions of 2-Alkynylbenzaldoxime, DMAD, and Br₂. Journal of Organic Chemistry, 2009, 74, 921-924.	3.2	68
8	Tandem cyclization-[3+3] cycloaddition reactions of 2-alkynylbenzaldoxime: synthesis of fused 1,2-dihydroisoquinolines. Tetrahedron Letters, 2009, 50, 198-200.	1.4	67
9	Catalystâ€Free and Siteâ€Specific Oneâ€Pot Dualâ€Labeling of a Protein Directed by Two Genetically Incorporated Noncanonical Amino Acids. ChemBioChem, 2012, 13, 1405-1408.	2.6	64
10	Genetic incorporation of an aliphatic keto-containing amino acid into proteins for their site-specific modifications. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 878-880.	2.2	56
11	Discovery of new photoactivatable diaryltetrazoles for photoclick chemistry via â€˜scaffold hoppingâ€™. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5033-5036.	2.2	53
12	Diversity-Oriented Synthesis of Functionalized Quinolin-2(1H)-ones via Pd-Catalyzed Site-Selective Cross-Coupling Reactions. ACS Combinatorial Science, 2007, 9, 811-817.	3.3	49
13	FeCl3: an efficient catalyst for reactions of electron-rich arenes with imines or aziridines. Tetrahedron, 2008, 64, 5013-5018.	1.9	46
14	Synthesis of 5-(Trifluoromethyl)pyrazolines by Formal [4 + 1]-Annulation of Fluorinated Sulfur Ylides and Azoalkenes. Organic Letters, 2018, 20, 934-937.	4.6	46
15	Palladiumâ€Catalyzed Regioselective Crossâ€Coupling Reactions of 3â€Bromoâ€4â€tosyloxyquinolinâ€2(1H)â€one with Arylboronic Acids. A Facile and Convenient Route to 3,4â€Disubstituted Quinolinâ€2(1H)â€ones. Advanced Synthesis and Catalysis, 2007, 349, 1943-1948.	4.3	44
16	Orderly self-assembly of new ionic copolymers for efficiently protecting copper in aggressive sulfuric acid solution. Chemical Engineering Journal, 2020, 384, 123293.	12.7	41
17	Pd-catalyzed decarboxylative couplings of arenecarboxylic acids with aryl iodides. Tetrahedron, 2009, 65, 4635-4638.	1.9	39
18	Quinine-catalyzed enantioselective desymmetrization of meso-aziridines with benzenethiols. Tetrahedron: Asymmetry, 2008, 19, 964-969.	1.8	36

#	Article	IF	Citations
19	Synthesis of Bicyclo[4.1.0]tetrahydropyridazines by a Sequential [4Â+ 2] and [1 + 2] Annulation Reaction of Azoalkenes and Crotonate-Derived Sulfur Ylides. Organic Letters, 2019, 21, 7361-7364.	4.6	34
20	Tandem addition-cyclization reactions of 2-alkynylbenzenamines with isocyanates catalyzed by PdCl2. Organic and Biomolecular Chemistry, 2008, 6, 4406.	2.8	31
21	Access to Functionalized 3H-Pyrrolo[2,3-c]quinolin-4(5H)-ones and Thieno[2,3-c]quinolin-4(5H)-ones via Domino Reaction of 4-Alkynyl-3-bromoquinolin-2(1H)-ones. Journal of Organic Chemistry, 2014, 79, 9628-9638.	3.2	25
22	Synthesis of 1H-indol-2-yl-(4-aryl)-quinolin-2(1H)-ones via Pd-catalyzed regioselective cross-coupling reaction and cyclization. Tetrahedron, 2008, 64, 1736-1742.	1.9	19
23	Molecular self-assembly of novel amphiphilic topological hyperbranched polymers for super protection of copper in extremely aggressive acid solution. Applied Surface Science, 2020, 529, 147076.	6.1	19
24	Synthesis of 3H-pyrrolo[2,3-c]quinolin-4(5H)-ones via Pd-catalyzed cross-coupling reaction and cyclization. Organic and Biomolecular Chemistry, 2013, 11, 7334.	2.8	15
25	A tandem reaction of 2-alkynylbenzaldoximes with cyclic ethers co-catalyzed by silver(I) triflate and copper(II) acetate. Tetrahedron, 2014, 70, 6728-6732.	1.9	15
26	Diversity-oriented synthesis of 1,2,3,5-tetrahydrobenzo[e][1,2,4]oxadiazepines and 2,3-dihydro-1H-benzo[e][1,2,4]triazepines by base-induced [4Â+ 3] annulation reactions. Tetrahedron, 2018, 74, 6155-6165.	1.9	15
27	A silver(i)-catalyzed tandem reaction of 2-alkynylbenzaldoximes with ketenes. Organic and Biomolecular Chemistry, 2013, 11, 2898.	2.8	14
28	An approach to 1-phosphorylated isoquinolines through silver(I)-catalyzed tandem reaction involving Câ€“N and Câ€“P bondÂformation. Tetrahedron, 2014, 70, 5720-5724.	1.9	12
29	Synthesis of Benzo[e][1,4]thiazepines by Base-Induced Formal [4+3] Annulation Reaction of Aza-o-quinone Methides and Pyridinium 1,4-Zwitterionic Thiolates. Journal of Organic Chemistry, 2021, 86, 18156-18163.	3.2	11
30	An efficient route to diverse 2H-pyrano[3,2-c]quinolin-5(6H)-ones via electrophilic cyclization reactions. Tetrahedron, 2016, 72, 4288-4293.	1.9	9
31	Base-induced inverse-electron-demand aza-Diels-Alder reaction of azoalkenes and 1,3,5-triazinanes: Facile approaches to tetrahydro-1,2,4-triazines. Tetrahedron Letters, 2021, 79, 153303.	1.4	9
32	Synthesis of H-Pyrazolo[5,1-a]isoquinolines via Silver(I)-Catalyzed Tandem Reaction of Nâ€²-(2-Alkynylbenzylidene)hydrazides with Propargyl Amine Derivatives. Synthesis, 2014, 46, 600-606.	2.3	7
33	A Facile Route to 4-Polyfluoroarylquinolin-2(1H)-ones and 4-Polyfluoroarylcoumarins via Câ€“H Bond Activation. Chemistry Letters, 2017, 46, 1223-1226.	1.3	7
34	Iron(III) Chloride Catalyzed Formation of Aryl Hydrazides from Electron-Rich Arenes and Azodicarboxylates. Synthesis, 2014, 46, 757-760.	2.3	5
35	Base-mediated unprecedented tandem cyclization reaction of nitrilimines and sulfur ylides: facile approaches to multifunctionalized pyrazolines. Organic Chemistry Frontiers, 2022, 9, 2204-2208.	4.5	4
36	Study on the Characteristics of Photovoltaic and Field Effect of Small Molecule Donors. IEEE Electron Device Letters, 2020, 41, 1516-1519.	3.9	0