Yongbo Zhou

List of Publications by Year
in descending order

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79 papers	3,288 citations	117625 34 h-index	155660 55 g-index
79 all docs	79 docs citations	79 times ranked	3385 citing authors

#	Article	IF	Citations
1	Photocatalytic C H alkylation of coumarins mediated by triphenylphosphine and sodium iodide. Tetrahedron Letters, 2022, , 153720.	1.4	3
2	Copper-Catalyzed 6-endo-dig Cyclizationâ€“Coupling of 2-Bromoaryl Ketones and Terminal Alkynes toward Naphthyl Aryl Ethers in Water. Organic Letters, 2022, 24, 4569-4574.	4.6	4
3	Metal-Free Oxidative Annulation of Phenols and Amines: A General Synthesis of Benzoxazoles. Journal of Organic Chemistry, 2022, 87, 9112-9127.	3.2	5
4	Copperâ€mediated simple and direct aerobic oxidative esterification of arylacetonitriles with alcohols/phenols. Applied Organometallic Chemistry, 2021, 35, .	3.5	3
5	Cu-Catalyzed Oxidative Thioesterification of Aroylhydrazides with Disulfides. Journal of Organic Chemistry, 2021, 86, 739-749.	3.2	27
6	Metalâ€Free Oxidative Condensation of Catechols, Aldehydes and NH₄OAc towards Benzoxazoles. Advanced Synthesis and Catalysis, 2021, 363, 3607-3614.	4.3	12
7	Cu(<scp>i</scp>) catalysis for selective condensation/bicycloaromatization of two different arylalkynes: direct and general construction of functionalized Câ€“N axial biaryl compounds. Chemical Science, 2021, 13, 263-273.	7.4	10
8	Phosphorous Acid-Catalyzed Alkylation of Phenols with Alkenes. Journal of Organic Chemistry, 2020, 85, 14307-14314.	3.2	16
9	The palladium-catalyzed direct C3-cyanation of indoles using acetonitrile as the cyanide source. Organic and Biomolecular Chemistry, 2020, 18, 6108-6114.	2.8	6
10	Selective Oxidative Cleavage of 3-Methylindoles with Primary Amines Affording Quinazolinones. Organic Letters, 2020, 22, 2522-2526.	4.6	20
11	Phosphorous acid promoted isomerization of propargyl alcohols to Î±,Î²-unsaturated carbonyl compounds. Tetrahedron Letters, 2019, 60, 150906.	1.4	7
12	Photoredox-catalyzed decarboxylative alkylation/cyclization of alkynylphosphine oxides: a metal- and oxidant-free method for accessing benzo[b]phosphole oxides. Chemical Communications, 2019, 55, 233-236.	4.1	40
13	Cu(I)-Catalyzed 6-endo-dig Cyclization of Terminal Alkynes, 2-Bromoaryl Ketones, and Amides toward 1-Naphthylamines: Applications and Photophysical Properties. Journal of the American Chemical Society, 2019, 141, 2535-2544.	13.7	52
14	Visible Lightâ€Induced Regioselective Decarboxylative Alkylation of the C(sp²)â^'H Bonds of Nonâ€Aromatic Heterocycles. Advanced Synthesis and Catalysis, 2019, 361, 4126-4132.	4.3	72
15	General Oxidative Aryl Câ€“P Bond Formation through Palladium-Catalyzed Decarbonylative Coupling of Aroylhydrazides with P(O)H Compounds. Organic Letters, 2019, 21, 3198-3203.	4.6	27
16	Transition-Metal-Free Câ€“P Bond Formation via Decarboxylative Phosphorylation of Cinnamic Acids with P(O)H Compounds. Journal of Organic Chemistry, 2018, 83, 4190-4196.	3.2	40
17	Palladium-Catalyzed Decarbonylative Alkynylation of Amides. Organic Letters, 2018, 20, 2741-2744.	4.6	41
18	Catalytic sp³Câ€“CN Bond Cleavage: Ni-Mediated Phosphorylation of Alkylnitriles. Organic Letters, 2018, 20, 6746-6749.	4.6	19

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19	Cyclization of Ketones with Nitriles under Base: A General and Economical Synthesis of Pyrimidines. Organic Letters, 2018, 20, 3399-3402.	4.6	45
20	Palladium-Catalyzed Regio- and Stereoselective Couplingâ€“Addition of Propiolates with Arylsulfonyl Hydrazides: A Pattern for Difunctionalization of Alkynes. Organic Letters, 2018, 20, 4023-4027.	4.6	39
21	Manganese(iii) acetate catalyzed oxidative amination of benzylic C(sp3)â€“H bonds with nitriles. Organic and Biomolecular Chemistry, 2017, 15, 2897-2901.	2.8	20
22	Iron(III) Chlorideâ€Mediated Regioâ€•and Stereoselective Chlorosulfonylation of Alkynes and Alkenes with Sodium Sulfinates. Advanced Synthesis and Catalysis, 2017, 359, 841-847.	4.3	48
23	Copper-catalyzed annulation of 2-bromobenzoic esters with terminal alkynes towards 3-substituted isocoumarins. Tetrahedron Letters, 2017, 58, 2433-2437.	1.4	19
24	Palladium-Catalyzed Desulfitative Cross-Coupling of Arylsulfonyl Hydrazides with Terminal Alkynes: A General Approach toward Functionalized Internal Alkynes. Journal of Organic Chemistry, 2017, 82, 6764-6769.	3.2	35
25	Selective Aerobic Câ€“H Amination of Phenols with Primary Amines over Copper toward Benzoxazoles. Organic Letters, 2017, 19, 2849-2852.	4.6	27
26	Recent advances of catalytic processes on the transformation of alkynes into functional compounds. Chemical Engineering Science, 2017, 171, 404-425.	3.8	29
27	BF3-catalyzed oxidative tandem annulation-aromatization of naphthols with terminal aryl alkenes. Tetrahedron, 2017, 73, 2698-2704.	1.9	7
28	Recent Advances in the Synthesis of Organophosphorus Compounds via Cross Coupling between Readily Available Materials and P-H Compounds. Chinese Journal of Organic Chemistry, 2017, 37, 1055.	1.3	13
29	Transition metal-free oxidative ortho-acylation of phenols with N-heteroarylmethanes via double Câ€“H activation. Catalysis Science and Technology, 2016, 6, 5792-5796.	4.1	19
30	Base-promoted alkylation of P(O)OH compounds with amines via Câ€“N bond cleavage. Tetrahedron Letters, 2016, 57, 2222-2226.	1.4	7
31	Copper Catalysis for Selective Heterocoupling of Terminal Alkynes. Journal of the American Chemical Society, 2016, 138, 12348-12351.	13.7	127
32	Metal-Free Oxidative Annulation of 2-Naphthols with Terminal Alkynes Affording 2-Arylnaphtho[2,1-b]furans. Organic Letters, 2016, 18, 3138-3141.	4.6	43
33	Phosphorous Acid Promoted Hydrationâ€“Condensation of Aromatic Alkynes with Aldehydes Affording Chalcones in an Oil/Water Two-Phase System. Synthesis, 2016, 48, 231-237.	2.3	14
34	Copperâ€Catalyzed Aerobic Oxidative C(aryl)ï£¿OH Bond Functionalization of Catechols with Amines Affording Benzoxazoles. Advanced Synthesis and Catalysis, 2015, 357, 2924-2930.	4.3	26
35	Copper catalysed direct amidation of methyl groups with Nâ€“H bonds. Organic and Biomolecular Chemistry, 2015, 13, 7289-7293.	2.8	37
36	Direct Aerobic Oxidative Esterification and Arylation of P(O)â€“OH Compounds with Alcohols and Diaryliodonium Triflates. ACS Catalysis, 2015, 5, 537-543.	11.2	68

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37	Iron-catalyzed aerobic oxidative functionalization of sp³ Câ€“H bonds: a versatile strategy for the construction of N-heterocycles. Catalysis Science and Technology, 2015, 5, 2197-2202.	4.1	52
38	Palladium-catalyzed dehydrogenative coupling of terminal alkynes with secondary phosphine oxides. Chemical Communications, 2015, 51, 3549-3551.	4.1	43
39	Mechanistic Studies on the Palladium-Catalyzed Cross Dehydrogenative Coupling of P(O)â€“H Compounds with Terminal Alkynes: Stereochemistry and Reactive Intermediates. Organometallics, 2015, 34, 5095-5098.	2.3	34
40	Copper-catalyzed direct esterification of P(O)â€“OH compounds with phenols. Tetrahedron, 2015, 71, 9293-9298.	1.9	20
41	Cu-mediated nitrogen atom transfer via Cî€,N bond cleavage. Organic and Biomolecular Chemistry, 2015, 13, 9948-9952.	2.8	14
42	Metal- and Oxidant-Free Synthesis of Quinazolinones from Î²-Ketoesters with o-Aminobenzamides via Phosphorous Acid-Catalyzed Cyclocondensation and Selective Câ€“C Bond Cleavage. Journal of Organic Chemistry, 2015, 80, 9392-9400.	3.2	95
43	Catalyst-Free and Selective Câ€“N Bond Functionalization: Stereospecific Three-Component Coupling of Amines, Dichloromethane, and >P(O)H Species Affording Î±-Aminophosphorus Compounds. Journal of Organic Chemistry, 2015, 80, 62-69.	3.2	17
44	Copperâ€Catalyzed Selective Semihydrogenation of Terminal Alkynes with Hypophosphorous Acid. Advanced Synthesis and Catalysis, 2014, 356, 765-769.	4.3	42
45	Base-promoted O-deprotonation/alkylation reaction of P(O)â€“OH compounds with alkyl halides. Tetrahedron, 2014, 70, 9057-9063.	1.9	25
46	Stereoselective Synthesis of Phosphorylâ€Substituted Phenols. Advanced Synthesis and Catalysis, 2014, 356, 781-794.	4.3	26
47	Efficient synthesis of propargylamines from terminal alkynes, dichloromethane and tertiary amines over silver catalysts. Organic and Biomolecular Chemistry, 2014, 12, 247-250.	2.8	40
48	Nickel-catalyzed (E)-selective semihydrogenation of internal alkynes with hypophosphorous acid. Journal of Organometallic Chemistry, 2014, 749, 51-54.	1.8	41
49	Copper-Catalyzed Aerobic Oxidative Amination of sp³Câ€“H Bonds: Efficient Synthesis of 2-Hetarylquinazolin-4(3H)-ones. Organic Letters, 2014, 16, 3672-3675.	4.6	106
50	Synthesis and molecular structure of tetranuclear Cu4P4 complexes with R2Pâ€“Oâ€“PR2 ligands. Inorganica Chimica Acta, 2014, 422, 36-39.	2.4	6
51	Copperâ€Catalyzed Aerobic Oxidative Inert Cï£¿C and Cï£¿N Bond Cleavage: A New Strategy for the Synthesis of Tertiary Amides. Chemistry - A European Journal, 2014, 20, 12234-12238.	3.3	45
52	Metal-free regioselective hydrobromination of alkynes through C H/C Br activation. Tetrahedron Letters, 2014, 55, 4572-4575.	1.4	15
53	Metal-free aerobic oxidative Câ€“N bond cleavage of tertiary amines for the synthesis of N-heterocycles with high atom efficiency. Organic and Biomolecular Chemistry, 2014, 12, 3802-3807.	2.8	50
54	Direct Amidation of Carboxylic Acids with Tertiary Amines: Amide Formation over Copper Catalysts through Câ€“N Bond Cleavage. European Journal of Organic Chemistry, 2014, 2014, 4244-4247.	2.4	26

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55	Stereospecific Aerobic Oxidative Dehydrocoupling of P(O)â€“H Bonds with Amines Catalyzed by Copper. Bulletin of the Chemical Society of Japan, 2014, 87, 400-402.	3.2	23
56	Copper-Catalyzed Aerobic Oxidative C-P Coupling of Arylboronic Acids and Diethyl Phosphite under Air. Chinese Journal of Organic Chemistry, 2014, 34, 1340.	1.3	3
57	Systematic study for the stereochemistry of the Athertonâ€“Todd reaction. Tetrahedron, 2013, 69, 9373-9380.	1.9	56
58	Synthesis and structures of hypervalent organoantimony and organobismuth chlorides containing asymmetric C,E,C-chelating (E = O, S) ligands. Dalton Transactions, 2013, 42, 9476.	3.3	18
59	Synthesis and Structure of Organobismuth Chlorides and Triflates Containing (C,E)â€Chelating Ligands (E=O, S) and Their Catalytic Application in the Allylation of Aldehydes with Tetraallyltin. ChemPlusChem, 2013, 78, 1363-1369.	2.8	11
60	Identification of Alkenyl- and Arylpalladium Hydrides with the Aid of Hydrosilanes. Chemistry Letters, 2013, 42, 1227-1229.	1.3	2
61	Selective Addition of P(O)â€“H Bonds to Alkynes Catalyzed by Transition Metals Immobilized on Polystyrene-bound Triphenylphosphine. Chemistry Letters, 2013, 42, 1065-1067.	1.3	19
62	Synthesis, Structure and Applications of Hypervalent Organoantimony Compounds Having Intramolecular Eâ†'Sb (E = N, O, S) Coordinations. Current Organic Chemistry, 2012, 16, 2462-2481.	1.6	25
63	Synthesis and Structure of Binuclear O/Sâ€Bridged Organobismuth Complexes and Their Cooperative Catalytic Effect on CO₂ Fixation. ChemPlusChem, 2012, 77, 404-410.	2.8	29
64	Transition Metal-Catalyzed Transformations of P(O)â€”H Bonds. Chinese Journal of Organic Chemistry, 2012, 32, 1761.	1.3	6
65	Facile Regio- and Stereoselective Hydrometalation of Alkynes with a Combination of Carboxylic Acids and Group 10 Transition Metal Complexes: Selective Hydrogenation of Alkynes with Formic Acid. Journal of the American Chemical Society, 2011, 133, 17037-17044.	13.7	218
66	Copper(II) Hydroxide Complexes of N-Heterocyclic Carbenes and Catalytic Oxidative Amination of Arylboronic Acids. Organometallics, 2010, 29, 1457-1464.	2.3	93
67	Selective Pï£¿P and Pï£¿Oï£¿P Bond Formations through Copperâ€Catalyzed Aerobic Oxidative Dehydrogenative Couplings of Hâ€Phosphonates. Angewandte Chemie - International Edition, 2010, 49, 6852-6855.	13.8	73
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73	Dinickel(II) Complexes of Bis(N-heterocyclic carbene) Ligands Containing [Ni₂(Î¼-OH)] Cores as Highly Efficient Catalysts for the Coupling of Aryl Chlorides. Organometallics, 2008, 27, 5911-5920.	2.3	145
74	Efficient Negishi Coupling Reactions of Aryl Chlorides Catalyzed by Binuclear and Mononuclear Nickelâ^'N-Heterocyclic Carbene Complexes. Journal of Organic Chemistry, 2008, 73, 8497-8501.	3.2	96
75	Mononuclear, dinuclear, hexanuclear, and one-dimensional polymeric silver complexes having ligand-supported and unsupported argentophilic interactions stabilized by pincer-like 2,6-bis(5-pyrazolyl)pyridine ligands. Dalton Transactions, 2008, , 1444.	3.3	94
76	Synthesis and Characterization of Square-Planar Tetranuclear Silver and Gold Clusters Supported by a Pyrazole-Linked Bis(N-heterocyclic carbene) Ligand. Organometallics, 2007, 26, 2742-2746.	2.3	105
77	Novel neutral octanuclear copper(i) complexes stabilized by pyridine linked bis(pyrazolate) ligands. Dalton Transactions, 2007, , 5123.	3.3	34
78	General and practical synthesis of naphtho[2,1-d]oxazoles from naphthols and amines. Organic Chemistry Frontiers, 0, , .	4.5	1
79	TEMPO mediated oxidative annulation of aryl methyl ketones with amines/ammonium acetate for imidazole synthesis. Organic and Biomolecular Chemistry, 0, , .	2.8	3