Yun-He Xu

List of Publications by Year
in descending order

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65 papers	2,697 citations	201385 27 h-index	189595 50 g-index
67 all docs	67 docs citations	67 times ranked	1785 citing authors

#	Article	IF	Citations
1	Palladiumâ€Catalyzed Direct Arylation of Cyclic Enamides with Aryl Silanes by sp² Cï£¿H Activation. Angewandte Chemie - International Edition, 2009, 48, 5355-5357.	7.2	189
2	Direct Cross-Coupling Reaction of Simple Alkenes with Acrylates Catalyzed by Palladium Catalyst. Journal of the American Chemical Society, 2009, 131, 1372-1373.	6.6	181
3	Pd-Catalyzed Intramolecular Câ€“N Bond Cleavage, 1,4-Migration, sp³ Câ€“H Activation, and Heck Reaction: Four Controllable Diverse Pathways Depending on the Judicious Choice of the Base and Ligand. Journal of the American Chemical Society, 2015, 137, 1341-1347.	6.6	149
4	Palladiumâ€Catalyzed Direct Cï£¿H Arylation of Enamides with Simple Arenes. Angewandte Chemie - International Edition, 2012, 51, 5701-5705.	7.2	144
5	Stereo- and Chemoselective Cross-Coupling between Two Electron-Deficient Acrylates: An Efficient Route to (Z,E)-Muconate Derivatives. Journal of the American Chemical Society, 2015, 137, 3169-3172.	6.6	144
6	Synthesis and characterization of a cyclic vinylpalladium(ii) complex: vinylpalladium species as the possible intermediate in the catalytic direct olefination reaction of enamide. Chemical Science, 2011, 2, 1822.	3.7	136
7	Synthesis of Highly Substituted Racemic and Enantioenriched Allenylsilanes via Copper-Catalyzed Hydrosilylation of (Z)-2-Alken-4-ynoates with Silylboronate. Journal of the American Chemical Society, 2015, 137, 14830-14833.	6.6	123
8	Direct arylation of cyclic enamides via Pd(ii)-catalyzed Câ€“H activation. Chemical Communications, 2009, , 3472.	2.2	102
9	Macrolide Synthesis through Intramolecular Oxidative Crossâ€Coupling of Alkenes. Angewandte Chemie - International Edition, 2018, 57, 555-559.	7.2	74
10	Chelation versus Nonâ€Chelation Control in the Stereoselective Alkenyl sp² Câ^'H Bond Functionalization Reaction. Angewandte Chemie - International Edition, 2017, 56, 5091-5095.	7.2	70
11	Palladium-catalyzed cross-coupling of enamides with sterically hindered Î±-bromocarbonyls. Chemical Communications, 2016, 52, 5617-5620.	2.2	69
12	Palladium(ii)-catalyzed cross-coupling of simple alkenes with acrylates: a direct approach to 1,3-dienes through Câ€“H activation. Chemical Science, 2013, 4, 4520.	3.7	67
13	Palladiumâ€Catalyzed Direct Alkynylation of Nâ€Vinylacetamides. Advanced Synthesis and Catalysis, 2014, 356, 1539-1543.	2.1	62
14	Catalytic Asymmetric Conjugate Protosilylation and Protoborylation of 2-Trifluoromethyl Enynes for Synthesis of Functionalized Allenes. Organic Letters, 2020, 22, 1360-1367.	2.4	62
15	Copper-Catalyzed Silylperoxidation Reaction of Î±,Î²-Unsaturated Ketones, Esters, Amides, and Conjugated Enynes. ACS Catalysis, 2017, 7, 7120-7125.	5.5	60
16	Synthesis of multi-substituted pyrroles using enamides and alkynes catalyzed by Pd(OAc)₂with molecular oxygen as an oxidant. Chemical Communications, 2014, 50, 2784-2786.	2.2	58
17	Synthesis of multi-substituted vinylsilanes via copper(<scp>i</scp>)-catalyzed hydrosilylation reactions of allenes and propiolate derivatives with silylboronates. Chemical Communications, 2014, 50, 7195-7197.	2.2	55
18	Preparation of highly substituted (Î²-acylamino)acrylates via iron-catalyzed alkoxycarbonylation of N-vinylacetamides with carbazates. Chemical Communications, 2014, 50, 11661-11664.	2.2	53

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19	B(C₆F₅)₃: A New Class of Strong and Bulky Lewis Acid for Exo-Selective Intermolecular Dielsâ€“Alder Reactions of Unreactive Acyclic Dienes with Î±,Î²-Enals. Organic Letters, 2015, 17, 4432-4435.	2.4	53
20	Palladium-Catalyzed Difunctionalization of Internal Alkynes via Highly Regioselective 6-Endo Cyclization and Alkenylation of Enynoates: Synthesis of Multisubstituted Pyrones. Organic Letters, 2015, 17, 1636-1639.	2.4	46
21	Copperâ€Catalyzed Asymmetric Silylation of Propargyl Dichlorides: Access to Enantioenriched Functionalized Allenylsilanes. Angewandte Chemie - International Edition, 2019, 58, 16538-16542.	7.2	43
22	Copper-Catalyzed Regiodivergent and Enantioselective Hydrosilylation of Allenes. Journal of the American Chemical Society, 2022, 144, 5535-5542.	6.6	43
23	Palladium-catalyzed silylation reaction between benzylic halides and silylboronate. Chemical Communications, 2016, 52, 5609-5612.	2.2	35
24	Palladium(II)-Catalyzed Stereospecific Alkenyl Câ€“H Bond Alkylation of Allylamines with Alkyl Iodides. ACS Catalysis, 2019, 9, 4271-4276.	5.5	35
25	Ligand-Dependent-Controlled Copper-Catalyzed Regio- and Stereoselective Silaboration of Alkynes. Organic Letters, 2019, 21, 6016-6020.	2.4	33
26	Copper-Catalyzed Stereo- and Enantioselective 1,4-Protosilylation of Î±,Î²-Unsaturated Ketimines To Synthesize Functionalized Allylsilanes. ACS Catalysis, 2018, 8, 6239-6245.	5.5	32
27	Copper-catalyzed silylation reactions of propargyl epoxides: easy access to 2,3-allenols and stereodefined alkenes. Chemical Communications, 2017, 53, 9344-9347.	2.2	30
28	Palladium-Catalyzed Direct Intramolecular Câ€“N Bond Formation: Access to Multisubstituted Dihydropyrroles. Organic Letters, 2017, 19, 914-917.	2.4	28
29	Direct coupling of sp³ carbon of alkanes with Î±,Î²-unsaturated carbonyl compounds using a copper/hydroperoxide system. Organic Chemistry Frontiers, 2017, 4, 1411-1415.	2.3	27
30	Catalytically Asymmetric Synthesis of 1,3-Bis(silyl)propenes via Copper-Catalyzed Double Proto-Silylations of Polar Enynes. ACS Catalysis, 2018, 8, 5306-5312.	5.5	26
31	Copper-Catalyzed Dehydrogenative Dielsâ€“Alder Reaction. Organic Letters, 2018, 20, 3215-3219.	2.4	26
32	Synthesis of Functionalized Vinylsilanes via Metal-Free Dehydrogenative Silylation of Enamides. Organic Letters, 2020, 22, 1326-1330.	2.4	26
33	Synthesis of Structurally Diverse Allylsilanes via Copper-Catalyzed Regiodivergent Hydrosilylation of 1,3-Dienes. Organic Letters, 2021, 23, 4736-4742.	2.4	25
34	Copper-Catalyzed Anti-Markovnikov Hydrosilylation of Terminal Alkynes. Organic Letters, 2020, 22, 7735-7742.	2.4	23
35	Synthesis of Dienyl Ketones via Palladium(II)-Catalyzed Direct Cross-Coupling Reactions between Simple Alkenes and Vinyl Ketones: Application to the Synthesis of Vitamin A1 and Bornelone. Organic Letters, 2013, 15, 5531-5533.	2.4	19
36	Selective Dealkylation of Alkyl Aryl Ethers. Asian Journal of Organic Chemistry, 2015, 4, 1047-1049.	1.3	19

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37	Chelation-Controlled Stereospecific Cross-Coupling Reaction between Alkenes for Atroposelective Synthesis of Axially Chiral Conjugated Dienes. Organic Letters, 2022, 24, 1979-1984.	2.4	19
38	An iron-catalyzed hydroalkylation reaction of Î±,Î²-unsaturated ketones with ethers. Chemical Communications, 2017, 53, 12353-12356.	2.2	18
39	Divergent Protosilylation and Protoborylation of Polar Enynes. Organic Letters, 2019, 21, 2932-2936.	2.4	17
40	Palladium-catalyzed silaborative carbocyclizations of 1,6-diynes. Chemical Communications, 2018, 54, 2357-2360.	2.2	16
41	Highly Enantioselective and Anti-Diastereoselective Catalytic Intermolecular Glyoxylateâ€“Ene Reactions: Effect of the Geometrical Isomers of Alkenes. Organic Letters, 2015, 17, 2736-2739.	2.4	15
42	Palladium-Catalyzed One-Pot Highly Regioselective 6-Endo Cyclization and Alkylation of Enynoates: Synthesis of 2-Alkanone Pyrones. Journal of Organic Chemistry, 2018, 83, 13414-13426.	1.7	14
43	Multi-catalyst promoted asymmetric relay reactions. Organic Chemistry Frontiers, 2018, 5, 2765-2768.	2.3	14
44	Macrolide Synthesis through Intramolecular Oxidative Crossâ€Coupling of Alkenes. Angewandte Chemie, 2018, 130, 564-568.	1.6	13
45	Palladium-Catalyzed Cascade Intramolecular Cyclization and Allylation of Enynoates with Allylic Alcohols. Journal of Organic Chemistry, 2019, 84, 6729-6736.	1.7	13
46	Copper Catalyzed Protosilylation/Protoborylation of gemâ€Difluoroallenes. European Journal of Organic Chemistry, 2021, 2021, 4054-4058.	1.2	13
47	Palladium-Catalyzed Dialkylation of Câ€“C Triple Bonds: Access to Multi-Functionalized Indenes. Organic Letters, 2019, 21, 3696-3700.	2.4	12
48	Synthesis of Enynic and Allenic Orthoesters via Defluoromethoxylation of 2-Trifluoromethyl-1,3-enynes. Organic Letters, 2021, 23, 1898-1903.	2.4	12
49	Chelation versus Nonâ€Chelation Control in the Stereoselective Alkenyl sp² Câ€“H Bond Functionalization Reaction. Angewandte Chemie, 2017, 129, 5173-5177.	1.6	11
50	Palladium-Catalyzed Regioselective Olefination of O-Acetyl Cyanohydrins. Journal of Organic Chemistry, 2018, 83, 8265-8271.	1.7	11
51	Copper-catalyzed regiodivergent 1,4- and 1,6-conjugate silyl addition to diendioates: access to functionalized allylsilanes. Organic and Biomolecular Chemistry, 2019, 17, 6122-6126.	1.5	10
52	Copper-Catalyzed Enantioselective 1,4-Protosilylation of Alkynyl-substituted Enones to Synthesize the Highly Diastereomeric Chiral Homoallenylsilanes. Organic Letters, 2022, 24, 2832-2836.	2.4	9
53	Copper-Catalyzed Markovnikov Selective 3,4-Hydrosilylation of 2-Substituted 1,3-Dienes. Organic Letters, 2022, 24, 4081-4086.	2.4	9
54	Palladium-Catalyzed Intermolecular Oxyarylation of Vinylacetates with Retention of an Alkenyl Moiety. Organic Letters, 2015, 17, 3462-3465.	2.4	8

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55	Anomalous Reactivity and Selectivity in the Intermolecular Dielsâ€“Alder Reactions of Multisubstituted Acyclic Dienes with Geometrical Isomers of Enals. Organic Letters, 2016, 18, 2355-2358.	2.4	7
56	Palladium-Catalyzed Cycloaromatization/Alkylation of o-(Alkynyl)styrenes. Journal of Organic Chemistry, 2019, 84, 12848-12855.	1.7	5
57	Copperâ€Catalyzed Asymmetric Silylation of Propargyl Dichlorides: Access to Enantioenriched Functionalized Allenylsilanes. Angewandte Chemie, 2019, 131, 16690-16694.	1.6	4
58	Controllable regio- and stereo-selective coupling reactions of homoallenylboronates. Organic Chemistry Frontiers, 0, , .	2.3	4
59	Copper-Catalyzed Chemoselective Silylative Cyclization of 2,2â€²-Diethynylbiaryl Derivatives. Organic Letters, 2021, 23, 3859-3863.	2.4	4
60	Syntheses and Crystal Structures of Two Novel 1D Complexes of Zinc(II) with Terephthalato-bridge. Journal of Chemical Crystallography, 2009, 39, 55-59.	0.5	2
61	A novel one-dimensional copper(II) imino nitroxide polymer. Journal of Coordination Chemistry, 2005, 58, 1713-1717.	0.8	1
62	Stereoselective Synthesis of cisâ€2,5â€Disubstituted Pyrrolidines via Copperâ€Catalyzed Cyclization of Alkenes. Chinese Journal of Chemistry, 2016, 34, 1076-1080.	2.6	1
63	Synthesis and Application of Î² â€Alkynylâ€•Î³ , Î³ â€Difluoroallylboronates for Metalâ€Free Allylation of Aldehydes in Water. Advanced Synthesis and Catalysis, 2022, 364, 1228-1232.	2.1	1
64	Synthesis of Allenyl-Bdan via Cu(I)-Catalyzed Borylation of Propargyl gem-Dichlorides. Organic Letters, 2022, 24, 2660-2664.	2.4	1
65	Dienylation of N-benzoylhydrazones with CF₃-substituted homoallenylboronates in water. Organic and Biomolecular Chemistry, 2022, 20, 1386-1390.	1.5	0