Li-Jin Xu

List of Publications by Year
in descending order

74 papers	2,527 citations	186265 28 h-index	206112 48 g-index
77 all docs	77 docs citations	77 times ranked	2093 citing authors

#	Article	IF	Citations
1	Metalâ€Free Tandem Oneâ€Pot Construction of 3,3â€Disubsituted 3,4â€Dihydroquinoxalinâ€2(1<i>H</i>)â€Ones under Visibleâ€Light Photoredox Catalysis. Advanced Synthesis and Catalysis, 2022, 364, 658-664.	4.3	6
2	Metalâ€Free Reductive Amination of Ketones with Amines Using Formic Acid as the Reductant under BF₃â€‰â‹…â€‰Et₂O Catalysis. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	4
3	Rhodium(III)â€Catalyzed Regioselective Câˆ'H Annulation and Alkenylation of 2â€Pyridones with Terminal Alkynes. Advanced Synthesis and Catalysis, 2022, 364, 1264-1270.	4.3	9
4	Ligandâ€Promoted Rh^Iâ€Catalyzed C2â€Selective Câˆ'H Alkenylation and Polyenylation of Imidazoles with Alkenyl Carboxylic Acids. Chemistry - A European Journal, 2022, 28, .	3.3	3
5	Cobaltâ€Catalyzed Selective Transformation of Levulinic Acid and Amines into Pyrrolidines and Pyrrolidinones using Hydrogen. Advanced Synthesis and Catalysis, 2022, 364, 2830-2836.	4.3	10
6	A Mild Silica Gel Promoted Synthesis and Initial Functional Study of Tetrapyridyl Tetrahydropyrrolopyrrolones. Organic Letters, 2022, 24, 5397-5401.	4.6	0
7	Rh(III)â€catalyzed C6â€selective Acylmethylation and Carboxymethylation of 2â€Pyridones with Diazo Compounds. ChemCatChem, 2021, 13, 1730-1737.	3.7	6
8	Manganese(I)â€Catalyzed Siteâ€Selective C6â€Alkenylation of 2â€Pyridones Using Alkynes via Câˆ'H Activation. Advanced Synthesis and Catalysis, 2021, 363, 2586-2593.	4.3	20
9	Rhodium(I)â€Catalyzed C2â€Selective Decarbonylative Câˆ'H Alkylation of Indoles with Alkyl Carboxylic Acids and Anhydrides. Asian Journal of Organic Chemistry, 2021, 10, 879-885.	2.7	12
10	Rhodium(III)â€Catalyzed Câˆ'H Bond Functionalization of 2â€Pyridones with Alkynes: Switchable Alkenylation, Alkenylation/Directing Group Migration and Rollover Annulation. Chemistry - A European Journal, 2021, 27, 8811-8821.	3.3	17
11	Rh(I)â€Catalyzed Direct C6â€'H Arylation of 2â€Pyridones with Aryl Carboxylic Acids. Advanced Synthesis and Catalysis, 2021, 363, 3995-4001.	4.3	12
12	Cobalt(III)-Catalyzed Regioselective C6 Olefination of 2-Pyridones Using Alkynes: Olefination/Directing Group Migration and Olefination. Organic Letters, 2021, 23, 4624-4629.	4.6	31
13	BF₃Â·Et₂O as a metal-free catalyst for direct reductive amination of aldehydes with amines using formic acid as a reductant. Green Chemistry, 2021, 23, 5205-5211.	9.0	16
14	Palladium-catalyzed benzylic C(sp³)â€“H carbonylative arylation of azaarylmethyl amines with aryl bromides. Chemical Science, 2021, 12, 10862-10870.	7.4	9
15	One-Pot Synthesis of 3-Substituted 4<i>H</i>-Quinolizin-4-ones via Alkyne Substrate Control Strategy. Journal of Organic Chemistry, 2021, 86, 3648-3655.	3.2	6
16	Synergistic regulation of nonbinary molecular switches by protonation and light. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	4
17	Rh(I)-Catalyzed C6-Selective Decarbonylative Alkylation of 2-Pyridones with Alkyl Carboxylic Acids and Anhydrides. Organic Letters, 2020, 22, 4228-4234.	4.6	37
18	Synthesis of <scp>Ï€â€Extended</scp> Carbazoles via <scp>Oneâ€Pot</scp> Câ€"C Coupling and Chlorination Promoted by <scp>FeCl₃</scp>. Chinese Journal of Chemistry, 2020, 38, 1538-1544.	4.9	5

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19	Rhodium(<scp>i</scp>)-catalyzed C6-selective Câ€“H alkenylation and polyenylation of 2-pyridones with alkenyl and conjugated polyenyl carboxylic acids. Chemical Science, 2019, 10, 10089-10096.	7.4	47
20	Ruâ€Catalyzed Deoxygenative Transfer Hydrogenation of Amides to Amines with Formic Acid/Triethylamine. Advanced Synthesis and Catalysis, 2019, 361, 3800-3806.	4.3	23
21	Front Cover Picture: B(C₆F₅)₃â€Catalyzed Deoxygenative Reduction of Amides to Amines with Ammonia Borane (Adv. Synth. Catal. 10/2019). Advanced Synthesis and Catalysis, 2019, 361, 2159-2159.	4.3	0
22	B(C₆F₅)₃â€Catalyzed Deoxygenative Reduction of Amides to Amines with Ammonia Borane. Advanced Synthesis and Catalysis, 2019, 361, 2301-2308.	4.3	49
23	Iridium-catalysed conjugated alkynylation of Î±,Î²-unsaturated amide through alkene isomerization. Organic Chemistry Frontiers, 2018, 5, 1815-1819.	4.5	7
24	Rhodium(III)â€Catalyzed Selective Direct Olefination of Imidazoles. Advanced Synthesis and Catalysis, 2018, 360, 985-994.	4.3	18
25	Efficient dealkylation of aryl alkyl ethers catalyzed by Cu 2 O. Tetrahedron, 2018, 74, 2447-2453.	1.9	14
26	A versatile rhodium(<scp>iii</scp>) catalyst for direct acyloxylation of aryl and alkenyl Câ€“H bonds with carboxylic acids. Organic Chemistry Frontiers, 2018, 5, 415-422.	4.5	46
27	Metal-free tandem cyclization/hydrosilylation to construct tetrahydroquinoxalines. Green Chemistry, 2018, 20, 403-411.	9.0	58
28	Rhodium(<scp>i</scp>)-catalysed decarbonylative direct Câ€“H vinylation and dienylation of arenes. Organic Chemistry Frontiers, 2018, 5, 734-740.	4.5	32
29	Macrolactonization of Alkynyl Alcohol through Rh(I)/Yb(III) Catalysis. Organic Letters, 2018, 20, 6534-6538.	4.6	20
30	Ruthenium(II)-Catalyzed Regioselective C-8 Hydroxylation of 1,2,3,4-Tetrahydroquinolines. Organic Letters, 2018, 20, 6799-6803.	4.6	21
31	Rhodium(III)-Catalyzed Oxidative Annulation of 2,2â€²-Bipyridine N-Oxides with Alkynes via Dual Câ€“H Bond Activation. Organic Letters, 2018, 20, 3843-3847.	4.6	48
32	From CO₂to 4<i>H</i>-Quinolizin-4-ones: A One-Pot Multicomponent Approach via Ag₂O/Cs₂CO₃Orthogonal Tandem Catalysis. Journal of Organic Chemistry, 2018, 83, 9561-9567.	3.2	15
33	Substrate-induced adjustment of â€œslippedâ€•<i>Ï€</i>â€“<i>Ï€</i> stacking: en route to obtain 1D sandwich chain and higher order self-assembly supramolecular structures in solid state. Supramolecular Chemistry, 2017, 29, 24-31.	1.2	0
34	Palladium-catalyzed highly regioselective and stereoselective decarboxylative arylation of unactivated olefins with aryl carboxylic acids. Tetrahedron, 2017, 73, 2242-2249.	1.9	12
35	Rhodium(III)â€Catalyzed Direct Cï£¿H Olefination of Arenes with Aliphatic Olefins. Advanced Synthesis and Catalysis, 2016, 358, 573-583.	4.3	54
36	Regioâ€•and Stereoselective Synthesis of 1,2,3â€Trisubstituted Indanes from Diarylmethanols and Allylamides through Iron(III) Chloride Hexahydrate. Advanced Synthesis and Catalysis, 2016, 358, 2148-2155.	4.3	16

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37	Iridiumâ€Catalyzed Transfer Hydrogenation of 1,10â€Phenanthrolines using Formic Acid as the Hydrogen Source. Advanced Synthesis and Catalysis, 2016, 358, 567-572.	4.3	25
38	Front Cover Picture: Rhodium(III)-Catalyzed Direct Cï£¿H Olefination of Arenes with Aliphatic Olefins (Adv. Synth. Catal. 4/2016). Advanced Synthesis and Catalysis, 2016, 358, 507-507.	4.3	1
39	Rhodium(I)-catalyzed Decarbonylative Direct Olefination of 6-Arylpurines with Vinyl Carboxylic Acids Directed by the Purinyl N1 Atom. ChemistrySelect, 2016, 1, 653-658.	1.5	16
40	Stabilizing G-quadruplex DNA by methylazacalix[n]pyridine through shape-complementary interaction. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 609-612.	2.2	2
41	G-quadruplex induced chirality of methylazacalix[6]pyridine via unprecedented binding stoichiometry: en route to multiplex controlled molecular switch. Scientific Reports, 2015, 5, 10479.	3.3	4
42	Versatile (Pentamethylcyclopentadienyl)rhodiumâ€2,2â€²â€Bipyridine (Cp*Rhâ€bpy) Catalyst for Transfer Hydrogenation of Nâ€Heterocycles in Water. Advanced Synthesis and Catalysis, 2015, 357, 3529-3537.	4.3	73
43	FeCl₃â€Catalyzed SF₅â€Containing Quinoline Synthesis: Threeâ€Component Coupling Reactions of SF₅â€Anilines, Aldehydes and Alkynes. European Journal of Organic Chemistry, 2015, 2015, 1415-1418.	2.4	20
44	Rhodiumâ€Catalyzed Decarbonylative Direct Olefination of Arenes with Vinyl Carboxylic Acids. Advanced Synthesis and Catalysis, 2015, 357, 1229-1236.	4.3	34
45	Palladiumâ€Catalyzed Direct Arylation of Allylamines with Simple Arenes. ChemCatChem, 2015, 7, 1275-1279.	3.7	14
46	Multicomponent Self-Assembled Metalâ€“Organic [3]Rotaxanes. Journal of the American Chemical Society, 2015, 137, 12966-12976.	13.7	37
47	Palladiumâ€Catalyzed Highly Regioselective Mizorokiâ€“Heck Arylation of Allylamines with Aryl Chlorides. ChemCatChem, 2014, 6, 311-318.	3.7	14
48	Rhodiumâ€Catalyzed Decarbonylative Direct C2â€Arylation of Indoles with Aryl Carboxylic Acids. ChemCatChem, 2014, 6, 3069-3074.	3.7	47
49	Rh(i)-catalyzed decarbonylative direct C2-olefination of indoles with vinyl carboxylic acids. Chemical Communications, 2014, 50, 12385-12388.	4.1	56
50	Direct synthesis of 8-aryl tetrahydroquinolines via pd-catalyzed ortho-arylation of arylureas in water. RSC Advances, 2013, 3, 1025-1028.	3.6	25
51	Palladiumâ€Catalyzed Regioselective and Stereoselective Oxidative Heck Arylation of Allylamines with Arylboronic Acids. Advanced Synthesis and Catalysis, 2013, 355, 1570-1578.	4.3	26
52	Palladiumâ€Catalyzed Highly Regioselective Arylation of Allylamines with Thiophenes and Furans. Advanced Synthesis and Catalysis, 2012, 354, 3225-3230.	4.3	32
53	Palladiumâ€Catalyzed, Highly Efficient, Regiocontrolled Arylation of Electronâ€Rich Allylamines with Aryl Halides. Advanced Synthesis and Catalysis, 2012, 354, 899-907.	4.3	18
54	Asymmetric Hydrogenation of 2- and 2,3-Substituted Quinoxalines with Chiral Cationic Ruthenium Diamine Catalysts. Organic Letters, 2011, 13, 6568-6571.	4.6	89

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55	pH-Regulated transfer hydrogenation of quinoxalines with a Cp*Irâ€“diamine catalyst in aqueous media. Tetrahedron, 2011, 67, 6206-6213.	1.9	57
56	Highly Enantioselective Hydrogenation of Quinoline and Pyridine Derivatives with Iridiumâ€(Pâ€Phos) Catalyst. Advanced Synthesis and Catalysis, 2010, 352, 1055-1062.	4.3	100
57	Highly efficient chemoselective construction of 2,2-dimethyl-6-substituted 4-piperidones via multi-component tandem Mannich reaction in ionic liquids. Green Chemistry, 2010, 12, 949.	9.0	40
58	Highly efficient and enantioselective hydrogenation of quinolines and pyridines with Ir-Difluorphos catalyst. Organic and Biomolecular Chemistry, 2010, 8, 3464.	2.8	97
59	Asymmetric Hydrogenation of Quinoxalines with Diphosphinite Ligands: A Practical Synthesis of Enantioenriched, Substituted Tetrahydroquinoxalines. Angewandte Chemie - International Edition, 2009, 48, 9135-9138.	13.8	155
60	Air-Stable and Phosphine-Free Iridium Catalysts for Highly Enantioselective Hydrogenation of Quinoline Derivatives. Organic Letters, 2008, 10, 5265-5268.	4.6	152
61	Asymmetric hydrogenation of quinolines with high substrate/catalyst ratio. Chemical Communications, 2007, , 613-615.	4.1	122
62	Ruthenium Catalyzed Asymmetric Hydrogenation of Î±- and Î²-Ketoesters in Room Temperature Ionic Liquids Using Chiral P-Phos Ligand. ACS Symposium Series, 2007, , 224-234.	0.5	0
63	Polyethylene Glycol as an Environmentally Friendly and Recyclable Reaction Medium for Enantioselective Hydrogenation. Advanced Synthesis and Catalysis, 2006, 348, 2172-2182.	4.3	46
64	Catalytic asymmetric addition reactions leading to carbon-carbon bond formation: Phenyl and alkenyl transfer to aldehydes and alkynylation of Î±-imino esters. Pure and Applied Chemistry, 2006, 78, 267-274.	1.9	11
65	Metal-Directed Stereoselective Syntheses of Homochiral Complexes ofexo-Bidentate Binaphthol Derivatives. European Journal of Inorganic Chemistry, 2005, 2005, 751-758.	2.0	20
66	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Quinoline Derivatives Using Chiral Phosphinite H8-BINAPO. Advanced Synthesis and Catalysis, 2005, 347, 1755-1758.	4.3	110
67	Highly Air- and Water-Stable Fluorinated Ferrocenylphosphine-Aminophosphine Ligands and their Applications in Asymmetric Hydrogenations. Advanced Synthesis and Catalysis, 2005, 347, 1904-1908.	4.3	31
68	Air-stable Ir-(P-Phos) complex for highly enantioselective hydrogenation of quinolines and their immobilization in poly(ethylene glycol) dimethyl ether (DMPEG). Chemical Communications, 2005, , 1390.	4.1	158
69	Titanium-Catalyzed Tandem Sulfoxidation-Kinetic Resolution Process: A Convenient Method for Higher Enantioselectivities and Yields of Chiral Sulfoxide. Advanced Synthesis and Catalysis, 2004, 346, 723-726.	4.3	61
70	The Role of Spacers between Carboxylate Groups in Self-Assembly Process: Syntheses and Characterizations of Two Novel Cadmium(II) Complexes Derived from Mixed Ligands. European Journal of Inorganic Chemistry, 2004, 2004, 37-43.	2.0	57
71	New Types of Homochiral Helical Coordination Polymers Constructed byexo-Bidentate Binaphthol Derivatives. European Journal of Inorganic Chemistry, 2004, 2004, 1595-1599.	2.0	46
72	Syntheses and Characterizations of Metal-Organic Frameworks with Unusual Topologies Derived from Flexible Dipyridyl Ligands. European Journal of Inorganic Chemistry, 2004, 2004, 3751.	2.0	27

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73	Formation of a palladium(ii) complex of 2-(2-pyridinylmethyleneamino)-2â€²-hydroxy-1,1â€²-binaphthyl with novel CÏƒ-coordination and its theoretical investigation. Chemical Communications, 2003, , 1666-1667.	4.1	10
74	Na2S2O8â€Mediated Tandem Oneâ€Pot Construction of 3,3â€Disubsituted 3,4â€Dihydroquinoxalinâ€2(1H)â€ones with 4â€Alkylâ€1,4â€dihydropyridines as Alkyl Radical Sources. Asian Journal of Organic Chemistry, 0, , .	2.7	4