

Fang Xie

List of Publications by Year in descending order

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25
papers

912
citations

430874

18
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Iridium-Catalyzed Highly Enantioselective Hydrogenation of Exocyclic α,β -Unsaturated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1841-1845.	4.3	105
2	Efficient palladium-catalyzed asymmetric allylic alkylation of ketones and aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1871.	2.8	92
3	Pd(<i>rac</i>)-catalyzed asymmetric addition of arylboronic acids to cyclic N-sulfonyl ketimine esters and a DFT study of its mechanism. <i>Organic Chemistry Frontiers</i> , 2015, 2, 398-402.	4.5	73
4	Palladium-catalyzed asymmetric allylic alkylation with an enamine as the nucleophilic reagent. <i>Tetrahedron Letters</i> , 2007, 48, 7591-7594.	1.4	67
5	A Copper-Catalyzed Reductive Defluorination of α -Trifluoromethylated Enones via Oxidative Homocoupling of Grignard Reagents. <i>Organic Letters</i> , 2018, 20, 1638-1642.	4.6	57
6	Novel <i>C</i> ₂ -Symmetric Planar Chiral Diphosphine Ligands and Their Application in Pd-Catalyzed Asymmetric Allylic Substitutions. <i>Journal of Organic Chemistry</i> , 2007, 72, 6992-6997.	3.2	52
7	Palladium-Catalyzed Asymmetric Addition of Arylboronic Acids to Nitrostyrenes. <i>Organic Letters</i> , 2015, 17, 2250-2253.	4.6	51
8	Copper-catalyzed asymmetric alkynylation of cyclic N-sulfonyl ketimines. <i>Chemical Communications</i> , 2017, 53, 5364-5367.	4.1	46
9	The synthesis of novel <i>C</i> ₂ -symmetric P,N-chelation ruthenocene ligands and their application in palladium-catalyzed asymmetric allylic substitution. <i>Tetrahedron Letters</i> , 2007, 48, 585-588.	1.4	45
10	A Ferrocene-Based NH-Free Phosphine-Oxazoline Ligand for Iridium-Catalyzed Asymmetric Hydrogenation of Ketones. <i>Organic Letters</i> , 2018, 20, 6135-6139.	4.6	41
11	Iridium-catalyzed asymmetric hydrogenation of 3-substituted unsaturated oxindoles to prepare <i>C</i> ₃ -mono substituted oxindoles. <i>Tetrahedron</i> , 2011, 67, 8445-8450.	1.9	34
12	The effects of solvent on switchable stereoselectivity: copper-catalyzed asymmetric conjugate additions using <i>D</i> ₂ -symmetric biphenyl phosphoramidite ligands. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5137.	2.8	34
13	Copper-catalyzed asymmetric 1,4-conjugate addition of Grignard reagents to linear α,β,γ -unsaturated ketones. <i>Chemical Communications</i> , 2013, 49, 5292.	4.1	29
14	From <i>C</i> ₂ - to <i>D</i> ₂ -symmetry: atropis phosphoramidites with a <i>D</i> ₂ -symmetric backbone as highly efficient ligands in Cu-catalyzed conjugate additions. <i>Tetrahedron Letters</i> , 2010, 51, 3119-3122.	1.4	27
15	Chiral Bicyclic Imidazole Nucleophilic Catalysts: Design, Synthesis, and Application to the Kinetic Resolution of Arylalkylcarbinols. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3164-3170.	4.3	25
16	Copper (II)/RuPHOX-Catalyzed Enantioselective Mannich-Type Reaction of Glycine Schiff Bases with Cyclic Ketimines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4625-4633.	4.3	25
17	Enantioselective synthesis of chiral α -aryl β -keto ester by copper-catalyzed 1,4-conjugate addition using <i>D</i> ₂ -symmetric biphenyl phosphoramidite ligand. <i>Tetrahedron</i> , 2011, 67, 6197-6201.	1.9	22
18	Switchable Stereoselectivity: The Effects of Substituents on the <i>D</i> ₂ -Symmetric Biphenyl Backbone of Phosphoramidites in Copper-Catalyzed Asymmetric Conjugate Addition Reactions with Triethylaluminum. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1941-1947.	4.3	22

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19	Highly enantioselective copper-catalyzed allylic alkylation with atropis phosphoramidites bearing a D2-symmetric biphenyl backbone. <i>Tetrahedron</i> , 2010, 66, 3593-3598.	1.9	18
20	Regio- and Enantioselective Copper-Catalyzed 1,4-Conjugate Addition of Trimethylaluminium to Linear α,β,γ -Unsaturated Alkyl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2510-2518.	4.3	15
21	Ni(II)/mono-RuPHOX-catalyzed asymmetric addition of alkenylboronic acids to cyclic aldimines. <i>Tetrahedron Letters</i> , 2018, 59, 1573-1575.	1.4	9
22	Benzylamine as Hydrogen Transfer Agent: Cobalt-Catalyzed Chemoselective C=C Bond Reduction of α,β -Trifluoromethylated α,β -Unsaturated Ketones via 1,5-Hydrogen Transfer. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3835-3839.	3.3	9
23	Ir-catalyzed asymmetric hydrogenation of 3-arylimidenones for the synthesis of chiral 3-arylindanones. <i>Tetrahedron</i> , 2021, 84, 132003.	1.9	9
24	Copper-Catalyzed Regioselective [3+3] Annulations of Alkynyl Ketimines with α -Cyano Ketones: the Synthesis of Polysubstituted 4-H-Pyran Derivatives with a CF ₃ -Containing Quaternary Center. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3
25	DFT Study of the Strong Solvent Effects in the Cu-Catalyzed Asymmetric Conjugate Addition Reaction. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 346-351.	1.4	2