

Wei Li

List of Publications by Year in descending order

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18
papers

1,487
citations

394421

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677142

22
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28
all docs

28
docs citations

28
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Feng Ligand: Privileged Chiral Ligand in Asymmetric Catalysis. Chinese Journal of Chemistry, 2021, 39, 969-984.	4.9	79
2	Design of Ru(II)-NHC-Diamine Precatalysts Directed by Ligand Cooperation: Applications and Mechanistic Investigations for Asymmetric Hydrogenation. Journal of the American Chemical Society, 2020, 142, 7100-7107.	13.7	53
3	Enantioselective synthesis of 2-oxazolidinones by ruthenium(II)-NHC-catalysed asymmetric hydrogenation of 2-oxazolones. Chemical Science, 2018, 9, 6260-6263.	7.4	24
4	Ruthenium(II)-NHC-Diamine Catalyzed Enantioselective Hydrogenation of Isocoumarins. Journal of the American Chemical Society, 2017, 139, 2585-2588.	13.7	54
5	Hydrogenation of fluoroarenes: Direct access to all- <i>cis</i> - (multi)fluorinated cycloalkanes. Science, 2017, 357, 908-912.	12.6	179
6	Asymmetric Hydrogenation of Vinylthioethers: Access to Optically Active 1,5-Benzothiazepine Derivatives. Angewandte Chemie - International Edition, 2016, 55, 3300-3303.	13.8	63
7	Catalytic Asymmetric Intramolecular Homologation of Ketones with α -Dialkylamino Ketones: Synthesis of Cyclic α -Aryl/Alkyl β -Ketoesters. Angewandte Chemie - International Edition, 2015, 54, 1608-1611.	13.8	57
8	Chiral Lewis Acid Catalyzed Asymmetric Cycloadditions of Disubstituted Ketenes for the Synthesis of β -Lactones and γ -Lactones. Organic Letters, 2014, 16, 134-137.	4.6	62
9	Chiral <i>N,N</i> -Dioxide-Scandium(III)-Catalyzed Asymmetric Epoxidation of 2-Arylidene-1,3-diketones with Hydrogen Peroxide. Advanced Synthesis and Catalysis, 2014, 356, 2214-2218.	4.3	16
10	Catalytic Asymmetric Homologation of α -Ketoesters with α -Dialkylamino Ketones: Synthesis of Succinate Derivatives with Chiral Quaternary Centers. Angewandte Chemie - International Edition, 2013, 52, 10883-10886.	13.8	63
11	Asymmetric 1,2-Reduction of Enones with Potassium Borohydride Catalyzed by Chiral <i>N,N</i> -Dioxide-Scandium(III) Complexes. Organic Letters, 2012, 14, 5134-5137.	4.6	46
12	Asymmetric catalytic epoxidation of α,β -unsaturated carbonyl compounds with hydrogen peroxide: Additive-free and wide substrate scope. Chemical Science, 2012, 3, 1996.	7.4	65
13	Highly <i>Z</i> -Selective Asymmetric Conjugate Addition of Alkynes with Pyrazolones Promoted by <i>N,N</i> -Dioxide-Metal Complexes. Angewandte Chemie - International Edition, 2012, 51, 2776-2779.	13.8	105
14	A Catalytic Asymmetric Ring-Expansion Reaction of Isatins and α -Alkyl- α -Dialkylamino Ketones: Highly Efficient Synthesis of Functionalized 2-Quinolone Derivatives. Angewandte Chemie - International Edition, 2012, 51, 8644-8647.	13.8	120
15	Enantioselective Synthesis of β -Pyrazole-Substituted Alcohols through an Asymmetric Ring-Opening Reaction of <i>meso</i> -Epoxides. Chemistry - A European Journal, 2012, 18, 3473-3477.	3.3	30
16	New Electrophilic Addition of α -Dialkylamino Ketones with Ketones for Enantioselective C-N Bond Formation. Journal of the American Chemical Society, 2011, 133, 15268-15271.	13.7	116
17	Catalytic Asymmetric Synthesis of β -(α -Hydroxy- β -carbonyl) Oxindoles by a Sc ^{III} -Catalyzed Direct Aldol-Type Reaction. Chemistry - A European Journal, 2010, 16, 3736-3742.	3.3	73
18	Catalytic Asymmetric Roskamp Reaction of α -Alkyl- α -dialkylamino Ketones with Aromatic Aldehydes: Highly Enantioselective Synthesis of β -Alkyl- β -keto Esters. Journal of the American Chemical Society, 2010, 132, 8532-8533.	13.7	166