

Wei Li

List of Publications by Year in descending order

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18
papers

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citations

394421

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1353
citing authors

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