Qing-Feng Wu

List of Publications by Citations

24 papers	2,497 citations	21 h-index	25 g-index
25 ext. papers	2,805 ext. citations	13 avg, IF	5.39 L-index

#	Paper	IF	Citations
24	Enantioselective C(sp)-H bond activation by chiral transition metal catalysts. *Science*, **2018**, 359,	33.3	402
23	Enantioselective construction of spiroindolenines by Ir-catalyzed allylic alkylation reactions. *Journal of the American Chemical Society*, **2010**, 132, 11418-9	16.4	301
22	Iridium-catalyzed intramolecular asymmetric allylic dearomatization of phenols. *Angewandte Chemie - International Edition*, **2011**, 50, 4455-8	16.4	234
21	Enantioselective synthesis of spiro cyclopentane-1,3[-indoles and 2,3,4,9-tetrahydro-1H-carbazoles by iridium-catalyzed allylic dearomatization and stereospecific migration. *Angewandte Chemie - International Edition*, **2012**, 51, 1680-3	16.4	217
20	Formation of □chiral centers by asymmetric □C(sp3)-H arylation, alkenylation, and alkynylation. *Science*, **2017**, 355, 499-503	33.3	140
19	Pd(II)-Catalyzed Enantioselective C(sp)-H Borylation. *Journal of the American Chemical Society*, **2017** , 139, 3344-3347	16.4	131
18	Enantioselective functionalization of indoles and pyrroles via an in situ-formed spiro intermediate. *Journal of the American Chemical Society*, **2013**, 135, 8169-72	16.4	130
17	Iridium-Catalyzed Intramolecular Asymmetric Allylic Dearomatization Reaction of Pyridines, Pyrazines, Quinolines, and Isoquinolines. *Journal of the American Chemical Society*, **2015**, 137, 15899-906	16.4	103
16	Asymmetric dearomatization of pyrrolesviaIr-catalyzed allylic substitution reaction: enantioselective synthesis of spiro-2H-pyrroles. *Chemical Science*, **2012**, 3, 205-208	9.4	97
15	Direct asymmetric dearomatization of pyridines and pyrazines by iridium-catalyzed allylic amination reactions. *Angewandte Chemie - International Edition*, **2014**, 53, 6986-9	16.4	84
14	Iridium-Catalyzed Intramolecular Asymmetric Allylic Dearomatization of Phenols. *Angewandte Chemie*, **2011**, 123, 4547-4550	3.6	84
13	Enantioselective Synthesis of Spiro Cyclopentane-1,3?-indoles and 2,3,4,9-Tetrahydro-1H-carbazoles by Iridium-Catalyzed Allylic Dearomatization and Stereospecific Migration. *Angewandte Chemie*, **2012**, 124, 1712-1715	3.6	81
12	Enantioselective □C(sp)-H Activation of Alkyl Amines via Pd(II)/Pd(0) Catalysis. *Journal of the American Chemical Society*, **2018**, 140, 5322-5325	16.4	72
11	Ligand-Enabled □C(sp)-H Olefination of Free Carboxylic Acids. *Journal of the American Chemical Society*, **2018**, 140, 10363-10367	16.4	70
10	Ruthenium-catalyzed intramolecular allylic dearomatization reaction of indole derivatives. *Organic Letters*, **2013**, 15, 3746-9	6.2	61
9	A combined theoretical and experimental investigation into the highly stereoselective migration of spiroindolenines. *Journal of Organic Chemistry*, **2013**, 78, 4357-65	4.2	61
8	Highly efficient synthesis and stereoselective migration reactions of chiral five-membered aza-spiroindolenines: scope and mechanistic understanding. *Chemical Science*, **2016**, 7, 4453-4459	9.4	58

List of Publications

7	Enantioselective C-H Arylation and Vinylation of Cyclobutyl Carboxylic Amides. *ACS Catalysis*, **2018**, 8, 2577-2584	13.1	46
6	Iridium-Catalyzed Asymmetric Allylic Etherification and Ring-Closing Metathesis Reaction for Enantioselective Synthesis of Chromene and 2,5-Dihydrobenzo[b]oxepine Derivatives. *Advanced Synthesis and Catalysis*, **2012**, 354, 1084-1094	5.6	42
5	Ligand-Enabled C(sp3)H Cross-Coupling of Nosyl-Protected Amines with Aryl- and Alkylboron Reagents. *ACS Catalysis*, **2017**, 7, 7777-7782	13.1	33
4	Direct Asymmetric Dearomatization of Pyridines and Pyrazines by Iridium-Catalyzed Allylic Amination Reactions. *Angewandte Chemie*, **2014**, 126, 7106-7109	3.6	29
3	Iridium-Catalyzed Intramolecular Asymmetric Allylic Dearomatization of Benzene Derivatives. *Angewandte Chemie - International Edition*, **2018**, 57, 16190-16193	16.4	19
2	Iridium-Catalyzed Intramolecular Asymmetric Allylic Dearomatization of Benzene Derivatives. *Angewandte Chemie*, **2018**, 130, 16422-16425	3.6	2
1	Catalytic, Enantioselective, C?H Functionalization to Form Carbon?Carbon Bonds **2019**, 671-748		