Peng-Xiang Shen

List of Publications by Year
in descending order

15	1,606	567281 15	996975 15
papers	citations	h-index	g-index

19	19	19	1353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ligand-Enabled Meta-Câ€“H Alkylation and Arylation Using a Modified Norbornene. Journal of the American Chemical Society, 2015, 137, 11574-11577.	13.7	275
2	Ligand-Promoted Meta-Câ€“H Arylation of Anilines, Phenols, and Heterocycles. Journal of the American Chemical Society, 2016, 138, 9269-9276.	13.7	216
3	Ligand-Promoted meta-Câ€“H Amination and Alkynylation. Journal of the American Chemical Society, 2016, 138, 14092-14099.	13.7	172
4	Formation of Î±-chiral centers by asymmetric Î²-C(sp ³)â€“H arylation, alkenylation, and alkynylation. Science, 2017, 355, 499-503.	12.6	169
5	Pd(II)-Catalyzed Enantioselective C(sp³)â€“H Arylation of Free Carboxylic Acids. Journal of the American Chemical Society, 2018, 140, 6545-6549.	13.7	145
6	Pd^{II}â€Catalyzed Enantioselective C(sp³)â^'H Activation/Crossâ€Coupling Reactions of Free Carboxylic Acids. Angewandte Chemie - International Edition, 2019, 58, 2134-2138.	13.8	124
7	Direct Arylation of Primary and Secondary sp³ Câ€“H Bonds with Diarylhyperiodonium Salts via Pd Catalysis. Organic Letters, 2013, 15, 4758-4761.	4.6	100
8	Cross coupling of thioethers with aryl boroxines to construct biaryls via Rh catalyzed Câ€“S activation. Chemical Science, 2013, 4, 1573.	7.4	78
9	Enantioselective Câ€“H Arylation and Vinylation of Cyclobutyl Carboxylic Amides. ACS Catalysis, 2018, 8, 2577-2581.	11.2	65
10	Ligand-Enabled, Palladium-Catalyzed Î²-C(sp³)â€“H Arylation of Weinreb Amides. ACS Catalysis, 2018, 8, 9292-9297.	11.2	61
11	Merging C(sp³)â€“H activation with DNA-encoding. Chemical Science, 2020, 11, 12282-12288.	7.4	57
12	Ligandâ€Enabled Alkynylation of C(sp³)â^'H Bonds with Palladium(II) Catalysts. Angewandte Chemie - International Edition, 2017, 56, 1873-1876.	13.8	48
13	Development of Modifiable Bidentate Amino Oxazoline Directing Group for Pdâ€Catalyzed Arylation of Secondary Cï£¿H Bonds. Chemistry - A European Journal, 2015, 21, 7389-7393.	3.3	43
14	Pd(II)â€Catalyzed Enantioselective C(sp3)â€“H Activation/Crossâ€Coupling Reactions of Free Carboxylic Acids. Angewandte Chemie, 2018, 131, 2156.	2.0	34
15	Ligandâ€Enabled Alkynylation of C(sp³)â^'H Bonds with Palladium(II) Catalysts. Angewandte Chemie, 2017, 129, 1899-1902.	2.0	19