

# Peng-Xiang Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

1,606  
citations

567281

15  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1353  
citing authors

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