# Kai Hong

List of Publications by Year
in descending order



| 14 | 1,863 | 687363 13 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 1557 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Functionalization of C(sp <sup>3</sup> )â€“H bonds using a transient directing group. Science, 2016, 351, 252-256. | 12.6 | 588 |
| 2 | Simple Access to Elusive Î±-Boryl Carbanions and Their Alkylation: An Umpolung Construction for Organic Synthesis. Journal of the American Chemical Society, 2014, 136, 10581-10584. | 13.7 | 245 |
| 3 | Controlling Pd(iv) reductive elimination pathways enables Pd(ii)-catalysed enantioselective C(sp3)â^'H fluorination. Nature Chemistry, 2018, 10, 755-762. | 13.6 | 206 |
| 4 | Pd(II)-Catalyzed Enantioselective C(sp<sup>3</sup>)â€“H Arylation of Free Carboxylic Acids. Journal of the American Chemical Society, 2018, 140, 6545-6549. | 13.7 | 145 |
| 5 | Pd<sup>II</sup>â€Catalyzed Enantioselective C(sp<sup>3</sup>)â^'H Activation/Crossâ€Coupling Reactions of Free Carboxylic Acids. Angewandte Chemie - International Edition, 2019, 58, 2134-2138. | 13.8 | 124 |
| 6 | Experimental and Computational Development of a Conformationally Flexible Template for the meta-Câ€“H Functionalization of Benzoic Acids. Journal of the American Chemical Society, 2017, 139, 10702-10714. | 13.7 | 91 |
| 7 | A Catalytic Enantioselective Tandem Allylation Strategy for Rapid Terpene Construction: Application to the Synthesis of Pumilaside Aglycon. Journal of the American Chemical Society, 2013, 135, 2501-2504. | 13.7 | 87 |
| 8 | Methylene C(sp<sup>3</sup>)â€“H Arylation of Aliphatic Ketones Using a Transient Directing Group. ACS Catalysis, 2017, 7, 6938-6941. | 11.2 | 86 |
| 9 | Catalytic Enantioselective One-pot Aminoborylation of Aldehydes: A Strategy for Construction of Nonracemic Î±-Amino Boronates. Journal of the American Chemical Society, 2013, 135, 9252-9254. | 13.7 | 82 |
| 10 | Pd<sup>II</sup>â€Catalyzed Enantioselective C(sp<sup>3</sup>)â€“H Arylation of Cyclobutyl Ketones Using a Chiral Transient Directing Group. Angewandte Chemie - International Edition, 2020, 59, 9594-9600. | 13.8 | 74 |
| 11 | Versatile Alkylation of (Hetero)Aryl Iodides with Ketones via Î²-C(sp<sup>3</sup>)â€“H Activation. Journal of the American Chemical Society, 2017, 139, 16080-16083. | 13.7 | 53 |
| 12 | Catalytic Enantioselective Diboration of Cyclic Dienes. A Modified Ligand with General Utility. Journal of Organic Chemistry, 2011, 76, 9102-9108. | 3.2 | 34 |
| 13 | 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 |
| 14 | Pd II â€Catalyzed Enantioselective C(sp 3 )â€“H Arylation of Cyclobutyl Ketones Using a Chiral Transient Directing Group. Angewandte Chemie, 2020, 132, 9681-9687. | 2.0 | 14 |