

Kai Hong

List of Publications by Year in descending order

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14
papers

1,863
citations

687363

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h-index

1058476

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all docs

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docs citations

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times ranked

1557
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd ^{II} -Catalyzed Enantioselective C(sp ³)-H Arylation of Cyclobutyl Ketones Using a Chiral Transient Directing Group. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9594-9600.	13.8	74
2	Pd II -Catalyzed Enantioselective C(sp ³) -H Arylation of Cyclobutyl Ketones Using a Chiral Transient Directing Group. <i>Angewandte Chemie</i> , 2020, 132, 9681-9687.	2.0	14
3	Pd ^{II} -Catalyzed Enantioselective C(sp ³)-H Activation/Cross-Coupling Reactions of Free Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2134-2138.	13.8	124
4	Pd(II)-Catalyzed Enantioselective C(sp ³)-H Activation/Cross-Coupling Reactions of Free Carboxylic Acids. <i>Angewandte Chemie</i> , 2018, 131, 2156.	2.0	34
5	Pd(II)-Catalyzed Enantioselective C(sp ³)-H Arylation of Free Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 6545-6549.	13.7	145
6	Controlling Pd(IV) reductive elimination pathways enables Pd(II)-catalysed enantioselective C(sp ³)-H fluorination. <i>Nature Chemistry</i> , 2018, 10, 755-762.	13.6	206
7	Versatile Alkylation of (Hetero)Aryl Iodides with Ketones via $\hat{\text{I}}^2\text{-C}(\text{sp}^3)\text{-H}$ Activation. <i>Journal of the American Chemical Society</i> , 2017, 139, 16080-16083.	13.7	53
8	Methylene C(sp ³)-H Arylation of Aliphatic Ketones Using a Transient Directing Group. <i>ACS Catalysis</i> , 2017, 7, 6938-6941.	11.2	86
9	Experimental and Computational Development of a Conformationally Flexible Template for the <i>meta</i> -C-H Functionalization of Benzoic Acids. <i>Journal of the American Chemical Society</i> , 2017, 139, 10702-10714.	13.7	91
10	Functionalization of C(sp ³)-H bonds using a transient directing group. <i>Science</i> , 2016, 351, 252-256.	12.6	588
11	Simple Access to Elusive $\hat{\text{I}}^\pm$ -Boryl Carbanions and Their Alkylation: An Umpolung Construction for Organic Synthesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 10581-10584.	13.7	245
12	A Catalytic Enantioselective Tandem Allylation Strategy for Rapid Terpene Construction: Application to the Synthesis of Pumilaside Aglycon. <i>Journal of the American Chemical Society</i> , 2013, 135, 2501-2504.	13.7	87
13	Catalytic Enantioselective One-pot Aminoborylation of Aldehydes: A Strategy for Construction of Nonracemic $\hat{\text{I}}^\pm$ -Amino Boronates. <i>Journal of the American Chemical Society</i> , 2013, 135, 9252-9254.	13.7	82
14	Catalytic Enantioselective Diboration of Cyclic Dienes. A Modified Ligand with General Utility. <i>Journal of Organic Chemistry</i> , 2011, 76, 9102-9108.	3.2	34