

Dong-Hui Wang

List of Publications by Year in descending order

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31
papers

10,230
citations

411340

20
h-index

406436

35
g-index

48
all docs

48
docs citations

48
times ranked

6141
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu-Catalyzed Synthesis of Benzoxazole with Phenol and Cyclic Oxime. <i>Organic Letters</i> , 2022, 24, 782-785.	2.4	5
2	Copper-Catalyzed 3-Positional Amination of 2-Azulenols with <i>o</i> -Benzoylhydroxylamines. <i>Organic Letters</i> , 2021, 23, 6638-6641.	2.4	6
3	Copper-Catalyzed Methoxylation of Aryl Bromides with 9-BBN ⁺ OMe. <i>Organic Letters</i> , 2021, 23, 8450-8454.	2.4	10
4	A Mechanism Study for Self-Cleaving Chlorotetrafluoroethylsulfinyl ($\text{SOCF}_2\text{CF}_2\text{Cl}$)-Directed Pd(II)-Catalyzed C-H Activation. <i>Journal of Organic Chemistry</i> , 2021, 86, 16511-16517.	1.7	0
5	Palladium-Catalyzed Hydroxylation of Aryl Halides with Boric Acid. <i>Organic Letters</i> , 2020, 22, 8470-8474.	2.4	24
6	β -Selective Cu(II)-Catalyzed Dehydrogenative Enamination of Alkylbenzenes. <i>Organic Letters</i> , 2020, 22, 9473-9477.	2.4	6
7	Synthesis of H-Free 1,4-Dihydroisoquinoline-3(<i>2</i> H)-ones via Pd-Catalyzed C-H Olefination Using Polyfluorosulfinyl as the Auxiliary Group. <i>Organic Letters</i> , 2020, 22, 5880-5884.	2.4	11
8	Synthesis of β -Lactams via Pd(II)-Catalyzed C(sp ³)-H Olefination Using a Self-Cleaving Polyfluoroethylsulfinyl Directing Group. <i>Organic Letters</i> , 2020, 22, 7141-7146.	2.4	12
9	Cu(II)-Catalyzed <i>ortho</i> -Selective Amination of Simple Phenols with <i>o</i> -Benzoylhydroxylamines. <i>Israel Journal of Chemistry</i> , 2020, 60, 429-432.	1.0	5
10	Copper-Catalyzed <i>ortho</i> -Selective Dearomative C-N Coupling of Simple Phenols with <i>o</i> -Benzoylhydroxylamines. <i>ACS Catalysis</i> , 2019, 9, 7343-7349.	5.5	21
11	Ir(III)-Catalyzed Mono-Olefination of Aryl C-H Bonds Using SCF_3 as a Weak Directing Group. <i>Organic Letters</i> , 2019, 21, 8116-8121.	2.4	11
12	Potassium Alkylpentafluorosilicates, Primary Alkyl Radical Precursors in the C-1 Alkylation of Tetrahydroisoquinolines. <i>Organic Letters</i> , 2019, 21, 3981-3985.	2.4	15
13	Ir(scp)-catalyzed thioether directed arene C-H alkenylation. <i>RSC Advances</i> , 2019, 9, 30134-30138.	1.7	13
14	Cu(II)-Catalyzed <i>ortho</i> -Selective Aminomethylation of Phenols. <i>Journal of the American Chemical Society</i> , 2017, 139, 12390-12393.	6.6	66
15	Copper-catalyzed C-N cross-coupling of arylboronic acids with N-acylpyrazoles. <i>Tetrahedron Letters</i> , 2016, 57, 3604-3607.	0.7	11
16	β -Arylation of Saturated Azacycles and <i>N</i> -Methylamines via Palladium(II)-Catalyzed C(sp ³)-H Coupling. <i>Journal of the American Chemical Society</i> , 2015, 137, 11876-11879.	6.6	153
17	ligand-Accelerated <i>ortho</i> -C-H Olefination of Phenylacetic Acids. <i>Organic Syntheses</i> , 2015, 92, 58-75.	1.0	5
18	Mild and Rapid Pd-Catalyzed Cross-Coupling with Hydrazine in Continuous Flow: Application to the Synthesis of Functionalized Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3434-3437.	7.2	96

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19	Highly Convergent Total Synthesis of (+)-Lithospermic Acid via a Late-Stage Intermolecular C ^α -H Olefination. <i>Journal of the American Chemical Society</i> , 2011, 133, 5767-5769.	6.6	201
20	Ligand-Accelerated C ^α -H Activation Reactions: Evidence for a Switch of Mechanism. <i>Journal of the American Chemical Society</i> , 2010, 132, 14137-14151.	6.6	429
21	Constructing Multiply Substituted Arenes Using Sequential Palladium(II)-Catalyzed C ^β -H Olefination. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6169-6173.	7.2	233
22	Pd(II)-Catalyzed Hydroxyl-Directed C ^α -H Olefination Enabled by Monoprotected Amino Acid Ligands. <i>Journal of the American Chemical Society</i> , 2010, 132, 5916-5921.	6.6	335
23	Expedient Drug Synthesis and Diversification via ortho-C ^α -H Iodination using Recyclable PdI ₂ as the Precatalyst. <i>Organic Letters</i> , 2010, 12, 3140-3143.	2.4	152
24	Pd(II)-Catalyzed Enantioselective C ^α -H Olefination of Diphenylacetic Acids. <i>Journal of the American Chemical Society</i> , 2010, 132, 460-461.	6.6	427
25	Ligand-Enabled Reactivity and Selectivity in a Synthetically Versatile Aryl C ^α -H Olefination. <i>Science</i> , 2010, 327, 315-319.	6.0	694
26	Palladium(II)-Catalyzed C ^β -H Activation/C ^β -C Cross-Coupling Reactions: Versatility and Practicality. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5094-5115.	7.2	3,842
27	Pd(II)-Catalyzed Cross-Coupling of sp ³ C ^α -H Bonds with sp ² and sp ³ Boronic Acids Using Air as the Oxidant. <i>Journal of the American Chemical Society</i> , 2008, 130, 7190-7191.	6.6	461
28	Versatile Pd(II)-Catalyzed C ^α -H Activation/Aryl ^α -Aryl Coupling of Benzoic and Phenyl Acetic Acids. <i>Journal of the American Chemical Society</i> , 2008, 130, 17676-17677.	6.6	308
29	Palladium-Catalyzed Methylation and Arylation of sp ² and sp ³ C ^α -H Bonds in Simple Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2007, 129, 3510-3511.	6.6	715
30	Palladium-Catalyzed Oxidation of Boc-Protected N-Methylamines with IOAc as the Oxidant: A Boc-Directed sp ³ C ^α -H Bond Activation. <i>Organic Letters</i> , 2006, 8, 3387-3390.	2.4	180
31	Pd-Catalyzed Stereoselective Oxidation of Methyl Groups by Inexpensive Oxidants under Mild Conditions: A Dual Role for Carboxylic Anhydrides in Catalytic C ^β -H Bond Oxidation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7420-7424.	7.2	409