

Zhe Dong

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,758
citations

430843

18
h-index

794568

19
g-index

24
all docs

24
docs citations

24
times ranked

2198
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-Metal-Catalyzed C-H Alkylation Using Alkenes. <i>Chemical Reviews</i> , 2017, 117, 9333-9403.	47.7	885
2	Simple Amine-Directed Meta-Selective C-H Arylation via Pd/Norbornene Catalysis. <i>Journal of the American Chemical Society</i> , 2015, 137, 5887-5890.	13.7	370
3	Ortho vs Ipso: Site-Selective Pd and Norbornene-Catalyzed Arene C-H Amination Using Aryl Halides. <i>Journal of the American Chemical Society</i> , 2013, 135, 18350-18353.	13.7	283
4	Mechanistic Analysis of Metallaphotoredox C-N Coupling: Photocatalysis Initiates and Perpetuates Ni(I)/Ni(III) Coupling Activity. <i>Journal of the American Chemical Society</i> , 2020, 142, 15830-15841.	13.7	162
5	Ortho C-H Acylation of Aryl Iodides by Palladium/Norbornene Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12664-12668.	13.8	160
6	Metallaphotoredox-enabled deoxygenative arylation of alcohols. <i>Nature</i> , 2021, 598, 451-456.	27.8	159
7	Complementary site-selectivity in arene functionalization enabled by overcoming the ortho constraint in palladium/norbornene catalysis. <i>Nature Chemistry</i> , 2018, 10, 866-872.	13.6	122
8	Modular and regioselective synthesis of all-carbon tetrasubstituted olefins enabled by an alkenyl Catellani reaction. <i>Nature Chemistry</i> , 2019, 11, 1106-1112.	13.6	93
9	Modular ortho/ipso/ortho Difunctionalization of Aryl Bromides via Palladium/Norbornene Cooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 8551-8562.	13.7	91
10	Gold(I)-Catalyzed endo-selective Intramolecular Alkenylation of γ -Furans: Synthesis of Seven-Membered Ring-Fused Furans and DFT Calculations. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14157-14161.	13.8	82
11	Reagent-Enabled ortho-Alkoxyacylation of Aryl Iodides via Palladium/Norbornene Catalysis. <i>Chem</i> , 2016, 1, 581-591.	11.7	73
12	Palladium/Norbornene-Catalyzed Indenone Synthesis from Simple Aryl Iodides: Concise Syntheses of Pauciflorol F and Acredinone A. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2144-2148.	13.8	67
13	β , γ -Divinyl Tetrahydropyrroles as Chiral Chain Diene Ligands in Rhodium(I)-Catalyzed Enantioselective Conjugated Additions. <i>Organic Letters</i> , 2011, 13, 1122-1125.	4.6	58
14	Sulfenamide-enabled ortho thiolation of aryl iodides via palladium/norbornene cooperative catalysis. <i>Nature Communications</i> , 2019, 10, 3555.	12.8	43
15	Compatibility Score for Rational Electrophile Selection in Pd/NBE Cooperative Catalysis. <i>Chem</i> , 2020, 6, 2810-2825.	11.7	22
16	Palladium/Norbornene-Catalyzed Indenone Synthesis from Simple Aryl Iodides: Concise Syntheses of Pauciflorol F and Acredinone A. <i>Angewandte Chemie</i> , 2019, 131, 2166-2170.	2.0	21
17	New Directions in Pd/Norbornene-Catalyzed Activation of Arene C-H Bonds. <i>Chem</i> , 2016, 1, 520-521.	11.7	2