

Jiadi Zhang

List of Publications by Year in descending order

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14
papers

1,005
citations

567281

15
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed C(sp ³)-H Arylation of Diarylmethanes at Room Temperature: Synthesis of Triarylmethanes via Deprotonative-Cross-Coupling Processes. <i>Journal of the American Chemical Society</i> , 2012, 134, 13765-13772.	13.7	192
2	NiXantphos: A Deprotonatable Ligand for Room-Temperature Palladium-Catalyzed Cross-Couplings of Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2014, 136, 6276-6287.	13.7	145
3	Raising the p <i>K</i> _a Limit of "Soft" Nucleophiles in Palladium-Catalyzed Allylic Substitutions: Application of Diarylmethane Pronucleophiles. <i>Journal of the American Chemical Society</i> , 2013, 135, 17602-17609.	13.7	109
4	Palladium-Catalyzed Allylic Substitution with (I ⁶ -Arene)CH ₂ Zr(CO) ₃ -Based Nucleophiles. <i>Journal of the American Chemical Society</i> , 2011, 133, 20552-20560.	13.7	93
5	Additive effects on palladium-catalyzed deprotonative-cross-coupling processes (DCCP) of sp ³ -C-H bonds in diarylmethanes. <i>Chemical Science</i> , 2013, 4, 849-857.	7.4	90
6	Asymmetric Cross-Coupling of Aryl Triflates to the Benzylic Position of Benzylamines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11510-11513.	13.8	74
7	Palladium-Catalyzed Asymmetric Allylic Alkylations with Toluene Derivatives as Pronucleophiles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2526-2530.	13.8	61
8	Positional Selectivity in C-H Functionalizations of 2-Benzylfurans with Bimetallic Catalysts. <i>Journal of the American Chemical Society</i> , 2016, 138, 4260-4266.	13.7	53
9	Chemo- and Regioselective C(sp ³) ₂ -H Arylation of Unactivated Allylarenes by Deprotonative Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3693-3697.	13.8	42
10	Palladium-Catalyzed β -Arylation of Aryl Acetic Acid Derivatives via Dienolate Intermediates with Aryl Chlorides and Bromides. <i>Organic Letters</i> , 2015, 17, 410-413.	4.6	25
11	Palladium-Catalyzed Asymmetric Allylic Alkylations with Toluene Derivatives as Pronucleophiles. <i>Angewandte Chemie</i> , 2016, 128, 2572-2576.	2.0	22
12	Aryl Fluoride Activation through Palladium-Magnesium Bimetallic Cooperation: A Mechanistic and Computational Study. <i>ACS Catalysis</i> , 2020, 10, 7934-7944.	11.2	22
13	NIXANTPHOS: a highly active ligand for palladium catalyzed Buchwald-Hartwig amination of unactivated aryl chlorides. <i>Dalton Transactions</i> , 2018, 47, 8690-8696.	3.3	20
14	Synthesis of triarylmethanols via tandem arylation/oxidation of diarylmethanes. <i>Tetrahedron Letters</i> , 2015, 56, 3604-3607.	1.4	17