Minyan Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9046586/publications.pdf

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26	1,361	430874	580821
papers	citations	18 h-index	25 g-index

27	27	27	1029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methodologies and Strategies for Selective Borylation of Câ€“Het and Câ€“C Bonds. Chemical Reviews, 2020, 120, 7348-7398.	47.7	235
2	Metal-free directed sp2-Câ€“H borylation. Nature, 2019, 575, 336-340.	27.8	175
3	Enantioselective Copper-Catalyzed Defluoroalkylation Using Arylboronate-Activated Alkyl Grignard Reagents. Journal of the American Chemical Society, 2018, 140, 9061-9065.	13.7	140
4	P^{III}â€Chelationâ€Assisted Indole C7â€Arylation, Olefination, Methylation, and Acylation with Carboxylic Acids/Anhydrides by Rhodium Catalysis. Angewandte Chemie - International Edition, 2019, 58, 1504-1508.	13.8	135
5	Rhodium(I)â€Catalyzed Tertiary Phosphine Directed Câˆ’H Arylation: Rapid Construction of Ligand Libraries. Angewandte Chemie - International Edition, 2017, 56, 7233-7237.	13.8	93
6	Nickel-catalysed retro-hydroamidocarbonylation of aliphatic amides to olefins. Nature Communications, 2017, 8, 14993.	12.8	79
7	Enabling the Use of Alkyl Thianthrenium Salts in Crossâ€Coupling Reactions by Copper Catalysis. Angewandte Chemie - International Edition, 2021, 60, 21756-21760.	13.8	53
8	Transitionâ€Metalâ€Free Defluorosilylation of Fluoroalkenes with Silylboronates. Chinese Journal of Chemistry, 2019, 37, 1009-1014.	4.9	49
9	Radical Addition Enables 1,2â€Aryl Migration from a Vinylâ€Substituted Allâ€Carbon Quaternary Center. Angewandte Chemie - International Edition, 2021, 60, 186-190.	13.8	42
10	Efficient Access to Chiral 2-Oxazolidinones via Ni-Catalyzed Asymmetric Hydrogenation: Scope Study, Mechanistic Explanation, and Origin of Enantioselectivity. ACS Catalysis, 2020, 10, 11153-11161.	11.2	41
11	Enabling the Use of Alkyl Thianthrenium Salts in Crossâ€Coupling Reactions by Copper Catalysis. Angewandte Chemie, 2021, 133, 21924-21928.	2.0	38
12	Single-Electron-Transfer-Induced C(sp³)â€“N Couplings via Câ€“C Bond Cleavage of Cycloketoxime Esters. Journal of Organic Chemistry, 2019, 84, 10145-10159.	3.2	33
13	Rhodium(I)â€Catalyzed Tertiary Phosphine Directed Câˆ’H Arylation: Rapid Construction of Ligand Libraries. Angewandte Chemie, 2017, 129, 7339-7343.	2.0	32
14	Bioinspired design of a robust d ₃ -methylating agent. Science Advances, 2020, 6, eaba0946.	10.3	30
15	Palladiumâ€Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold Câˆ’H Activation. Angewandte Chemie - International Edition, 2021, 60, 7066-7071.	13.8	30
16	Catalytic Enantioselective Allylic Câ€“F Bond Functionalization. Chemistry Letters, 2021, 50, 553-559.	1.3	27
17	P^{III}â€Chelationâ€Assisted Indole C7â€Arylation, Olefination, Methylation, and Acylation with Carboxylic Acids/Anhydrides by Rhodium Catalysis. Angewandte Chemie, 2019, 131, 1518-1522.	2.0	26
18	Rhodium-catalyzed selective direct arylation of phosphines with aryl bromides. Nature Communications, 2022, 13, .	12.8	22

#	Article	IF	Citations
19	External oxidant-compatible phosphorus(III)-directed site-selective Câ€“H carbonylation. Science Advances, 2020, 6, .	10.3	20
20	Highly Chemo- and Enantioselective Rh-Catalyzed Hydrogenation of Î²-Sulfonyl-Î±,Î²-unsaturated Ketones: Access to Chiral Î³-Ketosulfones. Organic Letters, 2021, 23, 19-24.	4.6	16
21	BBr₃â€Mediated P(III)â€Directed Câˆ’H Borylation of Phosphines. Chemistry - A European Journal, 2022, 28, .	3.3	16
22	Regio- and enantioselective nucleophilic addition to gem-difluoroallenes. , 2022, 1, 227-234.		12
23	Iron(<scp>iii</scp>)-catalyzed direct Câ€“H radical amination of (hetero)arenes. Organic Chemistry Frontiers, 2021, 8, 5440-5445.	4.5	8
24	Rhodium-Catalyzed, Phosphorus(III)-Directed Hydroarylation of Internal Alkynes: Facile and Efficient Access to New Phosphine Ligands. Synlett, 2022, 33, 351-356.	1.8	4
25	Copper-catalyzed regio- and stereoselective fluorocarboalkynylation of alkynes. Organic Chemistry Frontiers, 2021, 8, 6857-6862.	4.5	4
26	Site-selective desaturation of C(sp³)â€“C(sp³) bonds via photoinduced ruthenium catalysis. Organic Chemistry Frontiers, 2022, 9, 4316-4327.	4.5	1