

Minyan Wang

List of Publications by Year in descending order

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26
papers

1,361
citations

430874

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium-Catalyzed, Phosphorus(III)-Directed Hydroarylation of Internal Alkynes: Facile and Efficient Access to New Phosphine Ligands. <i>Synlett</i> , 2022, 33, 351-356.	1.8	4
2	Regio- and enantioselective nucleophilic addition to gem-difluoroallenes. , 2022, 1, 227-234.		12
3	BBr ₃ -Mediated P(III)-Directed C-H Borylation of Phosphines. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	16
4	Rhodium-catalyzed selective direct arylation of phosphines with aryl bromides. <i>Nature Communications</i> , 2022, 13, .	12.8	22
5	Site-selective desaturation of C(sp ³)-C(sp ³) bonds <i>via</i> photoinduced ruthenium catalysis. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4316-4327.	4.5	1
6	Highly Chemo- and Enantioselective Rh-Catalyzed Hydrogenation of β -Sulfonyl- α,β -unsaturated Ketones: Access to Chiral β -Ketosulfones. <i>Organic Letters</i> , 2021, 23, 19-24.	4.6	16
7	Radical Addition Enables 1,2-Aryl Migration from a Vinyl-Substituted All-Carbon Quaternary Center. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 186-190.	13.8	42
8	Iron(III)-catalyzed direct C-H radical amination of (hetero)arenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5440-5445.	4.5	8
9	Palladium-Catalyzed Silacyclization of (Hetero)Arenes with a Tetrasilane Reagent through Twofold C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7066-7071.	13.8	30
10	Catalytic Enantioselective Allylic C-F Bond Functionalization. <i>Chemistry Letters</i> , 2021, 50, 553-559.	1.3	27
11	Enabling the Use of Alkyl Thianthrenium Salts in Cross-Coupling Reactions by Copper Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 21924-21928.	2.0	38
12	Enabling the Use of Alkyl Thianthrenium Salts in Cross-Coupling Reactions by Copper Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21756-21760.	13.8	53
13	Copper-catalyzed regio- and stereoselective fluorocarboalkynylation of alkynes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6857-6862.	4.5	4
14	Efficient Access to Chiral 2-Oxazolidinones via Ni-Catalyzed Asymmetric Hydrogenation: Scope Study, Mechanistic Explanation, and Origin of Enantioselectivity. <i>ACS Catalysis</i> , 2020, 10, 11153-11161.	11.2	41
15	External oxidant-compatible phosphorus(III)-directed site-selective C-H carbonylation. <i>Science Advances</i> , 2020, 6, .	10.3	20
16	Bioinspired design of a robust <i>in situ</i> methylating agent. <i>Science Advances</i> , 2020, 6, eaba0946.	10.3	30
17	Methodologies and Strategies for Selective Borylation of C-Het and C-C Bonds. <i>Chemical Reviews</i> , 2020, 120, 7348-7398.	47.7	235
18	Transition-Metal-Free Defluorosilylation of Fluoroalkenes with Silylboronates. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1009-1014.	4.9	49

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19	Single-Electron-Transfer-Induced C(sp ³)–N Couplings via C–C Bond Cleavage of Cycloketoxime Esters. <i>Journal of Organic Chemistry</i> , 2019, 84, 10145-10159.	3.2	33
20	Metal-free directed sp ² -C–H borylation. <i>Nature</i> , 2019, 575, 336-340.	27.8	175
21	P ^{III} -Chelation-Assisted Indole C7–Arylation, Olefination, Methylation, and Acylation with Carboxylic Acids/Anhydrides by Rhodium Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 1518-1522.	2.0	26
22	P ^{III} -Chelation-Assisted Indole C7–Arylation, Olefination, Methylation, and Acylation with Carboxylic Acids/Anhydrides by Rhodium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1504-1508.	13.8	135
23	Enantioselective Copper-Catalyzed Defluoroalkylation Using Arylboronate-Activated Alkyl Grignard Reagents. <i>Journal of the American Chemical Society</i> , 2018, 140, 9061-9065.	13.7	140
24	Rhodium(I)-Catalyzed Tertiary Phosphine Directed C–H Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie</i> , 2017, 129, 7339-7343.	2.0	32
25	Rhodium(I)-Catalyzed Tertiary Phosphine Directed C–H Arylation: Rapid Construction of Ligand Libraries. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7233-7237.	13.8	93
26	Nickel-catalysed retro-hydroamidocarbonylation of aliphatic amides to olefins. <i>Nature Communications</i> , 2017, 8, 14993.	12.8	79