Lipeng Wu

List of Publications by Year
in descending order

20 papers	427 citations	840776 11 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	366 citing authors

#	Article	IF	Citations
1	Visible-Light-Promoted Unsymmetrical Phosphine Synthesis from Benzylamines. Organic Letters, 2022, 24, 1566-1570.	4.6	6
2	Catalyst Development in the Dehydrogenative Borylation of Alkenes for the Synthesis Vinylboronate Esters. Synlett, 2021, 32, 102-108.	1.8	6
3	Direct Synthesis of Multi(boronate) Esters from Alkenes and Alkynes via Hydroboration and Boration Reactions. ACS Catalysis, 2021, 11, 1-18.	11.2	80
4	Zirconium-hydride-catalyzed transfer hydrogenation of quinolines and indoles with ammonia borane. Organic Chemistry Frontiers, 2021, 8, 5002-5007.	4.5	18
5	Catalytic Boration of Alkyl Halides with Borane without Hydrodehalogenation Enabled by Titanium Catalyst. Angewandte Chemie - International Edition, 2021, 60, 12298-12303.	13.8	14
6	Catalytic Boration of Alkyl Halides with Borane without Hydrodehalogenation Enabled by Titanium Catalyst. Angewandte Chemie, 2021, 133, 12406-12411.	2.0	2
7	Siteâ€Fixed Hydroboration of Terminal and Internal Alkenes using BX₃/ⁱPr₂NEt**. Angewandte Chemie, 2021, 133, 26442-26449.	2.0	4
8	Siteâ€Fixed Hydroboration of Terminal and Internal Alkenes using BX₃/ⁱPr₂NEt**. Angewandte Chemie - International Edition, 2021, 60, 26238-26245.	13.8	23
9	Zirconium-hydride-catalyzed site-selective hydroboration of amides for the synthesis of amines: Mechanism, scope, and application. Chinese Journal of Catalysis, 2021, 42, 2059-2067.	14.0	13
10	Visible-Light-Promoted Photoredox Dehydrogenative Coupling of Phosphines and Thiophenols. Organic Letters, 2020, 22, 7373-7377.	4.6	7
11	Zirconiumâ€Catalyzed Atomâ€Economical Synthesis of 1,1â€Diborylalkanes from Terminal and Internal Alkenes. Angewandte Chemie, 2020, 132, 13710-13714.	2.0	7
12	Zirconiumâ€Catalyzed Atomâ€Economical Synthesis of 1,1â€Diborylalkanes from Terminal and Internal Alkenes. Angewandte Chemie - International Edition, 2020, 59, 13608-13612.	13.8	38
13	tBuOK-triggered bond formation reactions. RSC Advances, 2019, 9, 24025-24029.	3.6	33
14	Visible-light-promoted oxidative dehydrogenation of hydrazobenzenes and transfer hydrogenation of azobenzenes. Green Chemistry, 2019, 21, 4189-4193.	9.0	46
15	H₂â€Acceptorless Dehydrogenative Boration and Transfer Boration of Alkenes Enabled by Zirconium Catalyst. Angewandte Chemie - International Edition, 2019, 58, 16167-16171.	13.8	26
16	Homo- and heterodehydrocoupling of phosphines mediated by alkali metal catalysts. Nature Communications, 2019, 10, 2786.	12.8	24
17	H2â€Acceptorless Dehydrogenative Boration and Transfer Boration of Alkenes Enabled by Zirconium Catalyst. Angewandte Chemie, 2019, 131, 16313-16317.	2.0	6
18	Synthesis, thin-film self-assembly, and pyrolysis of ruthenium-containing polyferrocenylsilane block copolymers. Polymer Chemistry, 2018, 9, 2951-2963.	3.9	5

#	Article	IF	Citations
19	Homogeneous carbon dioxide reduction with p-block element-containing reductants. Green Chemistry, 2018, 20, 5415-5426.	9.0	39
20	Non-Metal-Catalyzed Heterodehydrocoupling of Phosphines and Hydrosilanes: Mechanistic Studies of B(C₆F₅)₃-Mediated Formation of Pâ€“Si Bonds. Journal of the American Chemical Society, 2017, 139, 16780-16790.	13.7	30