Maximilian Koy

List of Publications by Year
in descending order

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19 papers	1,149 citations	623734 14 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	958 citing authors

#	Article	IF	Citations
1	Recent advances in the chemistry and applications of N-heterocyclic carbenes. Nature Reviews Chemistry, 2021, 5, 711-725.	30.2	282
2	N-Heterocyclic carbenes as tunable ligands for catalytic metal surfaces. Nature Catalysis, 2021, 4, 352-363.	34.4	134
3	Catalytic radical generation of Ï€-allylpalladium complexes. Nature Catalysis, 2020, 3, 393-400.	34.4	126
4	Palladiumâ€Catalyzed Decarboxylative Heckâ€Type Coupling of Activated Aliphatic Carboxylic Acids Enabled by Visible Light. Chemistry - A European Journal, 2018, 24, 4552-4555.	3.3	115
5	A General Cp*Co^{III}â€Catalyzed Intramolecular Câ^'H Activation Approach for the Efficient Total Syntheses of Aromathecin, Protoberberine, and Tylophora Alkaloids. Chemistry - A European Journal, 2017, 23, 12149-12152.	3.3	91
6	Nonâ€Directed Crossâ€Dehydrogenative (Hetero)arylation of Allylic C(sp³)â^'H bonds enabled by Câ^'H Activation. Angewandte Chemie - International Edition, 2018, 57, 15248-15252.	13.8	75
7	Synthesis of Allâ€Carbon Quaternary Centers by Palladiumâ€Catalyzed Olefin Dicarbofunctionalization. Angewandte Chemie - International Edition, 2020, 59, 2375-2379.	13.8	70
8	Three-component three-bond forming cascade via palladium photoredox catalysis. Chemical Science, 2021, 12, 1810-1817.	7.4	61
9	High Oxidation State Molybdenum Nâ€Heterocyclic Carbene Alkylidyne Complexes: Synthesis, Mechanistic Studies, and Reactivity. Chemistry - A European Journal, 2017, 23, 15484-15490.	3.3	38
10	Controlled growth of ordered monolayers of N-heterocyclic carbenes on silicon. Nature Chemistry, 2021, 13, 828-835.	13.6	34
11	Molybdenum and Tungsten Alkylidyne Complexes Containing Mono-, Bi-, and Tridentate N-Heterocyclic Carbenes. Organometallics, 2019, 38, 4133-4146.	2.3	30
12	Nichtâ€dirigierte kreuzâ€dehydrierende (Hetero)arylierung von Allylâ€(sp³)â€Hâ€Bindungen mittels Câ€Hâ€Aktivierung. Angewandte Chemie, 2018, 130, 15468-15472.	2.0	22
13	Synthese quartÄrer Kohlenstoffzentren durch palladiumkatalysierte Dicarbofunktionalisierung. Angewandte Chemie, 2020, 132, 2395-2399.	2.0	15
14	Highly Reactive Cationic Molybdenum Alkylidyne N-Heterocyclic Carbene Catalysts for Alkyne Metathesis. Organometallics, 2021, 40, 1178-1184.	2.3	15
15	Growth of Nâ€Heterocyclic Carbene Assemblies on Cu(100) and Cu(111): From Single Molecules to Magicâ€Number Islands. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
16	Grubbsâ€“Hoveyda type catalysts bearing a dicationic N-heterocyclic carbene for biphasic olefin metathesis reactions in ionic liquids. Beilstein Journal of Organic Chemistry, 2015, 11, 1632-1638.	2.2	12
17	Synthesis of Substituted Dihydrobenzofurans via Tandem SNAr/5-Exo-Trig Cyclization. Organic Letters, 2015, 17, 1986-1989.	4.6	11
18	Ligand Variations in Neutral and Cationic Molybdenum Alkylidyne NHC Catalysts. Organometallics, 0, , .	2.3	3

#	Article	IF	Citations
19	Growth of Nâ€Heterocyclic Carbene Assemblies on Cu(100) and Cu(111): from Single Molecules to Magicâ€Number Islands. Angewandte Chemie, 0, , .	2.0	2