

Maximilian Koy

List of Publications by Year in descending order

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Version: 2024-02-01

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