Pieter Mampuys

List of Publications by Year
in descending order

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19 papers	835 citations	567281 15 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	846 citing authors

#	Article	IF	Citations
1	Synthesis of Heterocycles via Aerobic Ni-Catalyzed Imidoylation of Aromatic 1,2-Bis-nucleophiles with Isocyanides. ACS Catalysis, 2022, 12, 6857-6873.	11.2	5
2	Transition metal-catalysed carbene- and nitrene transfer to carbon monoxide and isocyanides. Chemical Society Reviews, 2022, 51, 5842-5877.	38.1	23
3	C(sp²)â€“H functionalization in non-aromatic azomethine-based heterocycles. Organic and Biomolecular Chemistry, 2021, 19, 297-312.	2.8	19
4	1,3,7-Triazapyrene-Basedortho-Carborane Fluorophores: Convenient Synthesis, Theoretical Studies, and Aggregation-Induced Emission Properties. Organometallics, 2021, 40, 2792-2807.	2.3	6
5	Why we might be misusing process mass intensity (PMI) and a methodology to apply it effectively as a discovery level metric. Green Chemistry, 2020, 22, 123-135.	9.0	69
6	Synthesis â€“ properties correlation and the unexpected role of the titania support on the Grignard surface modification. Applied Surface Science, 2020, 527, 146851.	6.1	4
7	Thiosulfonylation of Unactivated Alkenes with Visible-Light Organic Photocatalysis. ACS Catalysis, 2020, 10, 8765-8779.	11.2	62
8	Synthesis of Densely Functionalized Pyrimidouracils by Nickel(II)-Catalyzed Isocyanide Insertion. Organic Letters, 2020, 22, 914-919.	4.6	18
9	Synthesis of Functionalized Pyrazin-2(1H)-ones via Tele-Nucleophilic Substitution of Hydrogen Involving Grignard Reactants and Electrophiles. Organic Letters, 2019, 21, 2699-2703.	4.6	4
10	A bifunctional-biased mu-opioid agonistâ€“neuropeptide FF receptor antagonist as analgesic with improved acute and chronic side effects. Pain, 2018, 159, 1705-1718.	4.2	25
11	Synthesis of Secondary Amides from Thiocarbamates. Organic Letters, 2018, 20, 4235-4239.	4.6	15
12	Amine Activation: Nâ€Arylamino Acid Amide Synthesis from Isothioureas and Amino Acids. Advanced Synthesis and Catalysis, 2017, 359, 2481-2498.	4.3	15
13	Combining Isocyanides with Carbon Dioxide in Palladium-Catalyzed Heterocycle Synthesis: N3-Substituted Quinazoline-2,4(1H,3H)-diones via a Three-Component Reaction. ACS Catalysis, 2017, 7, 5549-5556.	11.2	51
14	An evaluation of credentials of a multicomponent reaction for the synthesis of isothioureas through the use of a holistic CHEM21 green metrics toolkit. Green Chemistry, 2017, 19, 249-258.	9.0	65
15	Iodide-Catalyzed Synthesis of Secondary Thiocarbamates from Isocyanides and Thiosulfonates. Organic Letters, 2016, 18, 2808-2811.	4.6	81
16	Sustainable Threeâ€Component Synthesis of Isothioureas from Isocyanides, Thiosulfonates, and Amines. Angewandte Chemie, 2014, 126, 13063-13068.	2.0	25
17	Sustainable Threeâ€Component Synthesis of Isothioureas from Isocyanides, Thiosulfonates, and Amines. Angewandte Chemie - International Edition, 2014, 53, 12849-12854.	13.8	94
18	Multicomponent Synthesis of 4-Aminophthalazin-1(2H)-ones by Palladium-Catalyzed Isocyanide Insertion. Journal of Organic Chemistry, 2013, 78, 6735-6745.	3.2	47

#	Article	IF	Citations
19	Sustainable Synthesis of Diverse Privileged Heterocycles by Palladiumâ€Catalyzed Aerobic Oxidative Isocyanide Insertion. Angewandte Chemie - International Edition, 2012, 51, 13058-13061.	13.8	158