

Pieter Mampuys

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1244570/publications.pdf>

Version: 2024-02-01

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	Sustainable Synthesis of Diverse Privileged Heterocycles by Palladium-Catalyzed Aerobic Oxidative Isocyanide Insertion. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13058-13061.	13.8	158
2	Sustainable Three-Component Synthesis of Isothioureas from Isocyanides, Thiosulfonates, and Amines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12849-12854.	13.8	94
3	Iodide-Catalyzed Synthesis of Secondary Thiocarbamates from Isocyanides and Thiosulfonates. <i>Organic Letters</i> , 2016, 18, 2808-2811.	4.6	81
4	Why we might be misusing process mass intensity (PMI) and a methodology to apply it effectively as a discovery level metric. <i>Green Chemistry</i> , 2020, 22, 123-135.	9.0	69
5	An evaluation of credentials of a multicomponent reaction for the synthesis of isothioureas through the use of a holistic CHEM21 green metrics toolkit. <i>Green Chemistry</i> , 2017, 19, 249-258.	9.0	65
6	Thiosulfonylation of Unactivated Alkenes with Visible-Light Organic Photocatalysis. <i>ACS Catalysis</i> , 2020, 10, 8765-8779.	11.2	62
7	Combining Isocyanides with Carbon Dioxide in Palladium-Catalyzed Heterocycle Synthesis: N3-Substituted Quinazoline-2,4(1H,3H)-diones via a Three-Component Reaction. <i>ACS Catalysis</i> , 2017, 7, 5549-5556.	11.2	51
8	Multicomponent Synthesis of 4-Aminophthalazin-1(2 <i>H</i>)-ones by Palladium-Catalyzed Isocyanide Insertion. <i>Journal of Organic Chemistry</i> , 2013, 78, 6735-6745.	3.2	47
9	Sustainable Three-Component Synthesis of Isothioureas from Isocyanides, Thiosulfonates, and Amines. <i>Angewandte Chemie</i> , 2014, 126, 13063-13068.	2.0	25
10	A bifunctional-biased mu-opioid agonist-neuropeptide FF receptor antagonist as analgesic with improved acute and chronic side effects. <i>Pain</i> , 2018, 159, 1705-1718.	4.2	25
11	Transition metal-catalysed carbene- and nitrene transfer to carbon monoxide and isocyanides. <i>Chemical Society Reviews</i> , 2022, 51, 5842-5877.	38.1	23
12	C(sp ²)-H functionalization in non-aromatic azomethine-based heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 297-312.	2.8	19
13	Synthesis of Densely Functionalized Pyrimidouracils by Nickel(II)-Catalyzed Isocyanide Insertion. <i>Organic Letters</i> , 2020, 22, 914-919.	4.6	18
14	Amine Activation: <i>N</i> -Arylamino Acid Amide Synthesis from Isothioureas and Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2481-2498.	4.3	15
15	Synthesis of Secondary Amides from Thiocarbamates. <i>Organic Letters</i> , 2018, 20, 4235-4239.	4.6	15
16	1,3,7-Triazapyrene-Based <i>ortho</i> -Carborane Fluorophores: Convenient Synthesis, Theoretical Studies, and Aggregation-Induced Emission Properties. <i>Organometallics</i> , 2021, 40, 2792-2807.	2.3	6
17	Synthesis of Heterocycles <i>via</i> Aerobic Ni-Catalyzed Imidoxylation of Aromatic 1,2-Bis-nucleophiles with Isocyanides. <i>ACS Catalysis</i> , 2022, 12, 6857-6873.	11.2	5
18	Synthesis of Functionalized Pyrazin-2(1 <i>H</i>)-ones via Tele-Nucleophilic Substitution of Hydrogen Involving Grignard Reactants and Electrophiles. <i>Organic Letters</i> , 2019, 21, 2699-2703.	4.6	4

#	ARTICLE	IF	CITATIONS
19	Synthesis & properties correlation and the unexpected role of the titania support on the Grignard surface modification. Applied Surface Science, 2020, 527, 146851.	6.1	4