

Mateo Berton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7173157/publications.pdf>

Version: 2024-02-01

10
papers

203
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling continuous API synthesis from milligram to kilogram: extending the enabling benefits of micro to the plant. <i>Journal of Flow Chemistry</i> , 2020, 10, 73-92.	1.9	59
2	On-demand synthesis of organozinc halides under continuous flow conditions. <i>Nature Protocols</i> , 2018, 13, 324-334.	12.0	51
3	Reformatsky and Blaise reactions in flow as a tool for drug discovery. One pot diversity oriented synthesis of valuable intermediates and heterocycles. <i>Green Chemistry</i> , 2017, 19, 1420-1424.	9.0	41
4	Metal-free visible light-promoted synthesis of isothiazoles: a catalytic approach for N=S bond formation from iminyl radicals under batch and flow conditions. <i>Green Chemistry</i> , 2020, 22, 6792-6797.	9.0	17
5	Disposable cartridge concept for the on-demand synthesis of turbo Grignards, Knochel-Hauser amides, and magnesium alkoxides. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1343-1356.	2.2	8
6	Iodide-catalyzed Photocatalyzed Reduction of Carbon Dioxide to Formic Acid with Thiols and Hydrogen Sulfide. <i>ChemSusChem</i> , 2016, 9, 3397-3400.	6.8	7
7	Photolysis of Tertiary Amines in the Presence of CO ₂ : The Paths to Formic Acid, α -Amino Acids, and 1,2-Diamines. <i>Journal of Organic Chemistry</i> , 2018, 83, 96-103.	3.2	7
8	Reactivity of Lithium α -Ketocarboxylates: The Role of Lithium Salts. <i>Journal of the American Chemical Society</i> , 2017, 139, 17414-17420.	13.7	6
9	A Continuous Flow Sulfuryl Chloride-Based Reaction-Synthesis of a Key Intermediate in a New Route toward Emtricitabine and Lamivudine. <i>Organic Process Research and Development</i> , 2020, 24, 2271-2280.	2.7	5
10	Experimental Investigations on the Effects of Dissolved Gases on the Freezing Dynamics of Ocean Worlds. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006528.	3.6	2