

Daniele Mazzarella

List of Publications by Year in descending order

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10
papers

1,098
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Methods Driven by the Photoactivity of Electron Donor–Acceptor Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 5461-5476.	13.7	617
2	Asymmetric Photocatalytic C–H Functionalization of Toluene and Derivatives. <i>Journal of the American Chemical Society</i> , 2018, 140, 8439-8443.	13.7	112
3	Photochemical Organocatalytic Borylation of Alkyl Chlorides, Bromides, and Sulfonates. <i>ACS Catalysis</i> , 2019, 9, 5876-5880.	11.2	95
4	Photochemical generation of acyl and carbamoyl radicals using a nucleophilic organic catalyst: applications and mechanism thereof. <i>Chemical Science</i> , 2020, 11, 6312-6324.	7.4	63
5	Rapid and Direct Photocatalytic C(sp ³)–H Acylation and Arylation in Flow. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21277-21282.	13.8	61
6	Catalytic asymmetric C–C cross-couplings enabled by photoexcitation. <i>Nature Chemistry</i> , 2021, 13, 575-580.	13.6	47
7	Photocatalytic Radical Alkylation of Electrophilic Olefins by Benzylic and Alkyl Zinc-Sulfonates. <i>ACS Catalysis</i> , 2017, 7, 5357-5362.	11.2	41
8	Construction of the di(trimethylolpropane) cross linkage and the phenylnaphthalene structure coupled with selective I ² -O-4 bond cleavage for synthesizing lignin-based epoxy resins with a controlled glass transition temperature. <i>Green Chemistry</i> , 2016, 18, 6526-6535.	9.0	37
9	Homogeneous catalytic C(sp ³)–H functionalization of gaseous alkanes. <i>Chemical Communications</i> , 2021, 57, 9956-9967.	4.1	21
10	Rapid and Direct Photocatalytic C(sp ³)–H Acylation and Arylation in Flow. <i>Angewandte Chemie</i> , 2021, 133, 21447-21452.	2.0	4