

Mattia Silvi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2743756/publications.pdf>

Version: 2024-02-01

19
papers

1,827
citations

471371

17
h-index

839398

18
g-index

27
all docs

27
docs citations

27
times ranked

1719
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the potential of enantioselective organocatalysis with light. <i>Nature</i> , 2018, 554, 41-49.	13.7	466
2	Enantioselective Organocatalytic Alkylation of Aldehydes and Enals Driven by the Direct Photoexcitation of Enamines. <i>Journal of the American Chemical Society</i> , 2015, 137, 6120-6123.	6.6	251
3	Visible-light excitation of iminium ions enables the enantioselective catalytic α^2 -alkylation of enals. <i>Nature Chemistry</i> , 2017, 9, 868-873.	6.6	237
4	Merging Photoredox with 1,2-Metallate Rearrangements: The Photochemical Alkylation of Vinyl Boronate Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 5736-5739.	6.6	180
5	Radical Addition to Strained β -Bonds Enables the Stereocontrolled Synthesis of Cyclobutyl Boronic Esters. <i>Journal of the American Chemical Society</i> , 2019, 141, 9511-9515.	6.6	108
6	Controlling the Molecular Topology of Vinylogous Iminium Ions by Logical Substrate Design: Highly Regio- and Stereoselective Aminocatalytic 1,6-Addition to Linear 2,4-Dienals. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10780-10783.	7.2	103
7	Direct Stereoselective Installation of Alkyl Fragments at the α^2 -Carbon of Enals via Excited Iminium Ion Catalysis. <i>ACS Catalysis</i> , 2018, 8, 1062-1066.	5.5	99
8	Enantioselective Formal α^1 -Methylation and α^1 -Benzoylation of Aldehydes by Means of Photoorganocatalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4447-4451.	7.2	83
9	Visible-Light-Driven Strain-Increase Ring Contraction Allows the Synthesis of Cyclobutyl Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6525-6528.	7.2	46
10	Secondary Amine-Catalyzed Asymmetric α^3 -Alkylation of α^1 -Branched Enals via Dienamine Activation. <i>Helvetica Chimica Acta</i> , 2012, 95, 1985-2006.	1.0	38
11	Enantiospecific Three-Component Alkylation of Furan and Indole. <i>Chemistry - A European Journal</i> , 2018, 24, 4279-4282.	1.7	33
12	Reoptimization of the Organocatalyzed Double Aldol Domino Process to a Key Enal Intermediate and Its Application to the Total Synthesis of β -Prostaglandin J ₃ . <i>Chemistry - A European Journal</i> , 2018, 24, 9542-9545.	1.7	32
13	Visible light-driven conjunctive olefination. <i>Nature Chemistry</i> , 2022, 14, 66-70.	6.6	29
14	Synthesis of Cyclic Guanidines via Silver-Catalyzed Intramolecular Alkene Hydroamination Reactions of <i>N</i> -Allylguanidines. <i>Organic Letters</i> , 2016, 18, 2331-2334.	2.4	24
15	Enantioselective Formal α^1 -Methylation and α^1 -Benzoylation of Aldehydes by Means of Photoorganocatalysis. <i>Angewandte Chemie</i> , 2017, 129, 4518-4522.	1.6	22
16	Enantioselective Aza-Michael Addition of Imides by Using an Integrated Strategy Involving the Synthesis of a Family of Multifunctional Catalysts, Usage of Multiple Catalysis, and Rational Design of Experiment. <i>Chemistry - A European Journal</i> , 2013, 19, 9973-9978.	1.7	21
17	Visible-Light-Driven Strain-Increase Ring Contraction Allows the Synthesis of Cyclobutyl Boronic Esters. <i>Angewandte Chemie</i> , 2020, 132, 6587-6590.	1.6	18
18	The Conceptual Development of a Conjunctive Olefination. <i>Synlett</i> , 0, 33, .	1.0	1

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19	¼ctitelbild: Visibleâ€Lightâ€Driven Strainâ€Increase Ring Contraction Allows the Synthesis of Cyclobutyl Boronic Esters (Angew. Chem. 16/2020). Angewandte Chemie, 2020, 132, 6694-6694.	1.6	0