

Elumalai Gnanamani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8952023/publications.pdf>

Version: 2024-02-01

16
papers

617
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Can all bulk-phase reactions be accelerated in microdroplets?. <i>Analyst, The</i> , 2017, 142, 1399-1402.	3.5	133
2	Direct Enantio- and Diastereoselective Vinylogous Addition of Butenolides to Chromones Catalyzed by Zn-ProPhenol. <i>Journal of the American Chemical Society</i> , 2019, 141, 1489-1493.	13.7	71
3	Branched aldehydes as linchpins for the enantioselective and stereodivergent synthesis of 1,3-aminoalcohols featuring a quaternary stereocentre. <i>Nature Catalysis</i> , 2018, 1, 523-530.	34.4	51
4	Chemoselective N-alkylation of Indoles in Aqueous Microdroplets. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3069-3072.	13.8	50
5	Zn-ProPhenol Catalyzed Enantio- and Diastereoselective Direct Vinylogous Mannich Reactions between 1,2- and 1,3-Butenolides and Aldimines. <i>Journal of the American Chemical Society</i> , 2017, 139, 18198-18201.	13.7	48
6	Controlling Regioselectivity in the Enantioselective N-alkylation of Indole Analogues Catalyzed by Dinuclear Zinc-ProPhenol. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10451-10456.	13.8	44
7	Tuning the Reactivity of Ketones through Unsaturation: Construction of Cyclic and Acyclic Quaternary Stereocenters via Zn-ProPhenol Catalyzed Mannich Reactions. <i>ACS Catalysis</i> , 2019, 9, 1549-1557.	11.2	37
8	1,4-Benzoquinone antimicrobial agents against <i>Staphylococcus aureus</i> and <i>Mycobacterium tuberculosis</i> derived from scorpion venom. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12642-12647.	7.1	34
9	Degradation intermediates of polyhydroxy butyrate inhibits phenotypic expression of virulence factors and biofilm formation in luminescent <i>Vibrio</i> sp. PUGSK8. <i>Npj Biofilms and Microbiomes</i> , 2016, 2, 16002.	6.4	29
10	Chemoselective N-alkylation of Indoles in Aqueous Microdroplets. <i>Angewandte Chemie</i> , 2020, 132, 3093-3096.	2.0	28
11	An Alkaloid from Scorpion Venom: Chemical Structure and Synthesis. <i>Journal of Natural Products</i> , 2018, 81, 1899-1904.	3.0	17
12	Synthesis of Chiral, Densely Substituted Pyrrolidones via Phosphine-Catalyzed Cycloisomerization. <i>Organic Letters</i> , 2019, 21, 1890-1894.	4.6	17
13	Enantio- and Diastereoselective Double Mannich Reaction between Ketones and Imines Catalyzed by Zn-ProPhenol. <i>Organic Letters</i> , 2020, 22, 1675-1680.	4.6	17
14	Direct Enantio- and Diastereoselective Zn-ProPhenol-Catalyzed Mannich Reactions of CF ₃ - and SCF ₃ -Substituted Ketones. <i>Organic Letters</i> , 2020, 22, 2437-2441.	4.6	16
15	Characterization of an exopolysaccharide from probiont <i>Enterobacter faecalis</i> MS112 and its effect on the disruption of <i>Candida albicans</i> biofilm. <i>RSC Advances</i> , 2015, 5, 71573-71585.	3.6	15
16	Controlling Regioselectivity in the Enantioselective N-alkylation of Indole Analogues Catalyzed by Dinuclear Zinc-ProPhenol. <i>Angewandte Chemie</i> , 2017, 129, 10587-10592.	2.0	9