

Mâ€Sc Luca Schmermund

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5181581/publications.pdf>

Version: 2024-02-01

13
papers

629
citations

840776

11
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Shortening Synthetic Routes to Small Molecule Active Pharmaceutical Ingredients Employing Biocatalytic Methods. <i>Chemical Reviews</i> , 2022, 122, 1052-1126.	47.7	105
2	Synthesis of Enantiopure Sulfoxides by Concurrent Photocatalytic Oxidation and Biocatalytic Reduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	31
3	Synthesis of Enantiopure Sulfoxides by Concurrent Photocatalytic Oxidation and Biocatalytic Reduction. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
4	Chromoselective Photocatalysis Enables Stereocomplementary Biocatalytic Pathways**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6965-6969.	13.8	52
5	Chromoselective Photocatalysis Enables Stereocomplementary Biocatalytic Pathways**. <i>Angewandte Chemie</i> , 2021, 133, 7041-7045.	2.0	12
6	A robust and stereocomplementary panel of ene-reductase variants for gram-scale asymmetric hydrogenation. <i>Molecular Catalysis</i> , 2021, 502, 111404.	2.0	14
7	Accelerated Reaction Engineering of Photo(bio)catalytic Reactions through Parallelization with an Open-Source Photoreactor. <i>ChemPhotoChem</i> , 2021, 5, 957-965.	3.0	14
8	The Right Light: De Novo Design of a Robust Modular Photochemical Reactor for Optimum Batch and Flow Chemistry. <i>ChemPhotoChem</i> , 2020, 4, 45-51.	3.0	56
9	Directed Evolution of an Fe ^{II} -Dependent Halogenase for Asymmetric C(sp ³)-H Chlorination. <i>ACS Catalysis</i> , 2020, 10, 1272-1277.	11.2	38
10	Extending the Library of Light-Dependent Protochlorophyllide Oxidoreductases and their Solvent Tolerance, Stability in Light and Cofactor Flexibility. <i>ChemCatChem</i> , 2020, 12, 4044-4051.	3.7	13
11	Chemoenzymatic Total Synthesis of Deoxyepi- and Podophyllotoxin and a Biocatalytic Kinetic Resolution of Dibenzylbutyrolactones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8226-8230.	13.8	56
12	Photo-Biocatalysis: Biotransformations in the Presence of Light. <i>ACS Catalysis</i> , 2019, 9, 4115-4144.	11.2	219
13	Chemoenzymatische Totalsynthese von Deoxyepi- und Podophyllotoxin sowie biokatalytische kinetische Racematspaltung von Dibenzylbutyrolactonen. <i>Angewandte Chemie</i> , 2019, 131, 8310-8315.	2.0	14