

Horst Lechner

List of Publications by Year in descending order

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687220

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650
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivatives of Natural Organocatalytic Cofactors and Artificial Organocatalytic Cofactors as Catalysts in Enzymes. <i>ChemBioChem</i> , 2022, 23, .	1.3	3
2	An Artificial Cofactor Catalyzing the Baylis-Hillman Reaction with Designed Streptavidin as Protein Host**. <i>ChemBioChem</i> , 2021, 22, 1573-1577.	1.3	7
3	Computational design and experimental characterization of a photo-controlled mRNA-cap guanine-N7 methyltransferase. <i>RSC Chemical Biology</i> , 2021, 2, 1484-1490.	2.0	2
4	Library of Norcochlorine Synthases and Their Immobilization for Biocatalytic Transformations. <i>Biotechnology Journal</i> , 2018, 13, e1700542.	1.8	17
5	Strategies for designing non-natural enzymes and binders. <i>Current Opinion in Chemical Biology</i> , 2018, 47, 67-76.	2.8	46
6	Asymmetric Synthesis of (<i>R</i>)-1-Alkyl-5-Substituted Tetrahydrocarbolines Catalyzed by Strictosidine Synthases. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10683-10687.	7.2	40
7	Asymmetric Synthesis of (<i>R</i>)-1-Alkyl-5-Substituted Tetrahydrocarbolines Catalyzed by Strictosidine Synthases. <i>Angewandte Chemie</i> , 2018, 130, 10843-10847.	1.6	16
8	Biocatalysts for the formation of three- to six-membered carbo- and heterocycles. <i>Biotechnology Advances</i> , 2015, 33, 457-480.	6.0	22
9	γ-Transaminases for the amination of functionalised cyclic ketones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8843-8851.	1.5	30
10	A system for γ-transaminase mediated (<i>R</i>)-amination using <i>L</i> -alanine as an amine donor. <i>Green Chemistry</i> , 2015, 17, 2952-2958.	4.6	29
11	Nitrile as Activating Group in the Asymmetric Bioreduction of β -Cyanoacrylic Acids Catalyzed by Ene-Reductases. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1878-1882.	2.1	29
12	Asymmetric Biocatalytic Cannizzaro-Type Reaction. <i>ChemCatChem</i> , 2013, 5, 1744-1748.	1.8	24
13	Concise Chemoenzymatic Three-Step Total Synthesis of Isosolenopsin through Medium Engineering. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3397-3402.	1.2	34
14	Asymmetric Preparation of <i>prim</i> -, <i>sec</i> -, and <i>tert</i> -Amines Employing Selected Biocatalysts. <i>Organic Process Research and Development</i> , 2013, 17, 751-759.	1.3	112
15	Amination of benzylic and cinnamic alcohols via a biocatalytic, aerobic, oxidation-transamination cascade. <i>RSC Advances</i> , 2012, 2, 6262.	1.7	56
16	Inverting the Regioselectivity of the Berberine Bridge Enzyme by Employing Customized Fluorine-Containing Substrates. <i>Chemistry - A European Journal</i> , 2012, 18, 13173-13179.	1.7	29