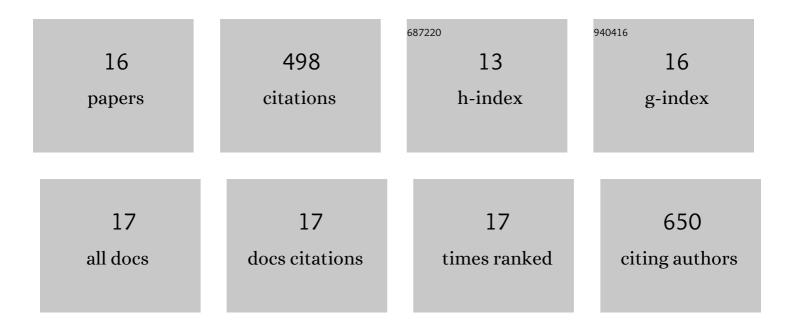
Horst Lechner

List of Publications by Year in descending order

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