

MiloÅ; TrajkoviÄ

List of Publications by Year in descending order

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22
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citing authors

#	ARTICLE	IF	CITATIONS
1	Approaching boiling point stability of an alcohol dehydrogenase through computationally-guided enzyme engineering. <i>ELife</i> , 2020, 9, .	6.0	33
2	Enantio- and regioselective <i>ene</i>-reductions using F₄₂₀-dependent enzymes. <i>Chemical Communications</i> , 2018, 54, 11208-11211.	4.1	29
3	Production of Hydroxy Acids: Selective Double Oxidation of Diols by Flavoprotein Alcohol Oxidase. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4869-4872.	13.8	29
4	Exploring the Selective Demethylation of Aryl Methyl Ethers with a <i>Pseudomonas</i> Rieske Monooxygenase. <i>ChemBioChem</i> , 2019, 20, 118-125.	2.6	24
5	Chemoenzymatic Synthesis of an Unnatural Deazaflavin Cofactor That Can Fuel F₄₂₀-Dependent Enzymes. <i>ACS Catalysis</i> , 2019, 9, 6435-6443.	11.2	22
6	The Biocatalytic Synthesis of Syringaresinol from 2,6-Dimethoxy-4-allylphenol in One-Pot Using a Tailored Oxidase/Peroxidase System. <i>ACS Catalysis</i> , 2018, 8, 5549-5552.	11.2	20
7	A Biocatalytic One-Pot Approach for the Preparation of Lignin Oligomers Using an Oxidase/Peroxidase Cascade Enzyme System. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3354-3361.	4.3	18
8	Total synthesis of (+)-swainsonine and (+)-8-epi-swainsonine. <i>RSC Advances</i> , 2014, 4, 53722-53724.	3.6	15
9	Mining the Genome of <i>Streptomyces leeuwenhoekii</i> : Two New Type I Baeyer-Villiger Monooxygenases From Atacama Desert. <i>Frontiers in Microbiology</i> , 2018, 9, 1609.	3.5	15
10	Multienzymatic Stereoselective Reduction of Tetrasubstituted Cyclic Enones to Halohydrins with Three Contiguous Stereogenic Centers. <i>ACS Catalysis</i> , 2020, 10, 13050-13057.	11.2	15
11	Computational Design of Enantiocomplementary Epoxide Hydrolases for Asymmetric Synthesis of Aliphatic and Aromatic Diols. <i>ChemBioChem</i> , 2020, 21, 1893-1904.	2.6	15
12	An aldol approach to the enantioselective synthesis of (âˆ“) -oseltamivir phosphate. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6927.	2.8	14
13	Formal Synthesis of (â€“) -Oseltamivir Phosphate. <i>Synthesis</i> , 2013, 45, 389-395.	2.3	8
14	Production of Hydroxy Acids: Selective Double Oxidation of Diols by Flavoprotein Alcohol Oxidase. <i>Angewandte Chemie</i> , 2020, 132, 4899-4902.	2.0	7
15	Facile Stereoselective Reduction of Prochiral Ketones by using an F₄₂₀-dependent Alcohol Dehydrogenase. <i>ChemBioChem</i> , 2021, 22, 156-159.	2.6	7
16	A convenient procedure for the preparation of Garnerâ€™s aldehyde. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 602-604.	1.8	5
17	Substrate binding tunes the reactivity of hispidin 3-hydroxylase, a flavoprotein monooxygenase involved in fungal bioluminescence. <i>Journal of Biological Chemistry</i> , 2020, 295, 16013-16022.	3.4	5
18	Discovery, Biocatalytic Exploration and Structural Analysis of a 4-Ethylphenol Oxidase from <i>Gulosibacter chungangensis</i>. <i>ChemBioChem</i> , 2021, 22, 3225-3233.	2.6	5

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19	Enantioselective Synthesis of the Platensimycin Core by Silver(I)-Promoted Cyclization of 1 ⁶ -Iodoketone. Chemistry - A European Journal, 2019, 25, 4340-4344.	3.3	3
20	Introducing an Artificial Deazaflavin Cofactor in <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> . ACS Synthetic Biology, 2022, 11, 938-952.	3.8	3
21	Chemoenzymatic Synthesis of the Most Pleasant Stereoisomer of Jessemal. Journal of Organic Chemistry, 2022, , .	3.2	1
22	Total Synthesis of (1 <i>S</i>)-Swainsonine, (1 <i>R</i>)-Swainsonine, (1 <i>S</i>)-8-epi-Swainsonine and (1 <i>S</i>)-Dideoxy-Imino-Lyxitol by an Organocatalyzed Aldolization/Reductive Amination Sequence. Natural Product Communications, 2022, 17, 1934578X2210916.	0.5	0