MiloÅ¡ TrajkoviÄ

List of Publications by Year
in descending order

22 papers	293 citations	759233 12 h-index	888059 17 g-index
23 all docs	23 docs citations	23 times ranked	391 citing authors

#	Article	IF	Citations
1	Introducing an Artificial Deazaflavin Cofactor in Escherichia coli and Saccharomyces cerevisiae. ACS Synthetic Biology, 2022, 11, 938-952.	3.8	3
2	Chemoenzymatic Synthesis of the Most Pleasant Stereoisomer of Jessemal. Journal of Organic Chemistry, 2022, , .	3.2	1
3	Total Synthesis of (â€‰+â€‰)-Swainsonine, (â€“)- Swainsonine, (â€‰+â€‰)-8-epi-Swainsonine and (â€‰+â€‰)-Dideoxy-Imino-Lyxitol by an Organocatalyzed Aldolization/Reductive Amination Sequence. Natural Product Communications, 2022, 17, 1934578X2210916.	0.5	0
4	Facile Stereoselective Reduction of Prochiral Ketones by using an F₄₂₀â€dependent Alcohol Dehydrogenase. ChemBioChem, 2021, 22, 156-159.	2.6	7
5	Discovery, Biocatalytic Exploration and Structural Analysis of a 4â€Ethylphenol Oxidase from Gulosibacter chungangensis. ChemBioChem, 2021, 22, 3225-3233.	2.6	5
6	Production of Hydroxy Acids: Selective Double Oxidation of Diols by Flavoprotein Alcohol Oxidase. Angewandte Chemie - International Edition, 2020, 59, 4869-4872.	13.8	29
7	Production of Hydroxy Acids: Selective Double Oxidation of Diols by Flavoprotein Alcohol Oxidase. Angewandte Chemie, 2020, 132, 4899-4902.	2.0	7
8	Multienzymatic Stereoselective Reduction of Tetrasubstituted Cyclic Enones to Halohydrins with Three Contiguous Stereogenic Centers. ACS Catalysis, 2020, 10, 13050-13057.	11.2	15
9	Substrate binding tunes the reactivity of hispidin 3-hydroxylase, a flavoprotein monooxygenase involved in fungal bioluminescence. Journal of Biological Chemistry, 2020, 295, 16013-16022.	3.4	5
10	Computational Design of Enantiocomplementary Epoxide Hydrolases for Asymmetric Synthesis of Aliphatic and Aromatic Diols. ChemBioChem, 2020, 21, 1893-1904.	2.6	15
11	Approaching boiling point stability of an alcohol dehydrogenase through computationally-guided enzyme engineering. ELife, 2020, 9, .	6.0	33
12	Enantioselective Synthesis of the Platensimycin Core by Silver(I)â€Promoted Cyclization of Î”6â€±â€Iodoketone. Chemistry - A European Journal, 2019, 25, 4340-4344.	3.3	3
13	Chemoenzymatic Synthesis of an Unnatural Deazaflavin Cofactor That Can Fuel F₄₂₀-Dependent Enzymes. ACS Catalysis, 2019, 9, 6435-6443.	11.2	22
14	Exploring the Selective Demethylation of Aryl Methyl Ethers with a Pseudomonas Rieske Monooxygenase. ChemBioChem, 2019, 20, 118-125.	2.6	24
15	Enantio- and regioselective ene-reductions using F₄₂₀H₂-dependent enzymes. Chemical Communications, 2018, 54, 11208-11211.	4.1	29
16	The Biocatalytic Synthesis of Syringaresinol from 2,6-Dimethoxy-4-allylphenol in One-Pot Using a Tailored Oxidase/Peroxidase System. ACS Catalysis, 2018, 8, 5549-5552.	11.2	20
17	Mining the Genome of Streptomyces leeuwenhoekii: Two New Type I Baeyerâ€“Villiger Monooxygenases From Atacama Desert. Frontiers in Microbiology, 2018, 9, 1609.	3.5	15
18	A Biocatalytic Oneâ€Pot Approach for the Preparation of Lignin Oligomers Using an Oxidase/Peroxidase Cascade Enzyme System. Advanced Synthesis and Catalysis, 2017, 359, 3354-3361.	4.3	18

#	Article	IF	Citations
19	Total synthesis of (+)-swainsonine and (+)-8-epi-swainsonine. RSC Advances, 2014, 4, 53722-53724.	3.6	15
20	Formal Synthesis of (â€“)-Oseltamivir Phosphate. Synthesis, 2013, 45, 389-395.	2.3	8
21	A convenient procedure for the preparation of Garnerâ€™s aldehyde. Tetrahedron: Asymmetry, 2012, 23, 602-604.	1.8	5
22	An aldol approach to the enantioselective synthesis of (â˜)-oseltamivir phosphate. Organic and Biomolecular Chemistry, 2011, 9, 6927.	2.8	14