Hui Lin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/91622/publications.pdf

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18	375	1040056 9	940533 16
papers	citations	h-index	g-index

19	19	19	270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biocatalysis as an alternative for the production of chiral epoxides: A comparative review. Journal of Molecular Catalysis B: Enzymatic, 2011, 72, 77-89.	1.8	80
2	Highly diastereo- and enantio-selective epoxidation of secondary allylic alcohols catalyzed by styrene monooxygenase. Chemical Communications, 2011, 47, 2610.	4.1	66
3	Styrene monooxygenase from Pseudomonas sp. LQ26 catalyzes the asymmetric epoxidation of both conjugated and unconjugated alkenes. Journal of Molecular Catalysis B: Enzymatic, 2010, 67, 236-241.	1.8	62
4	Asymmetric epoxidation of styrene derivatives by styrene monooxygenase from Pseudomonas sp. LQ26: effects of Î±- and Î²-substituents. Tetrahedron: Asymmetry, 2011, 22, 134-137.	1.8	38
5	Mutations at the putative active cavity of styrene monooxygenase: Enhanced activity and reversed enantioselectivity. Journal of Biotechnology, 2012, 161, 235-241.	3.8	29
6	Functional characterization of an (R)-selective styrene monooxygenase from streptomyces sp. NRRL S-31. Enzyme and Microbial Technology, 2020, 132, 109391.	3.2	17
7	A new monooxygenase from Herbaspirillum huttiense catalyzed highly enantioselective epoxidation of allylbenzenes and allylic alcohols. Catalysis Science and Technology, 2020, 10, 2145-2151.	4.1	17
8	A new clade of styrene monooxygenases for (R)-selective epoxidation. Catalysis Science and Technology, 2021, 11, 2195-2201.	4.1	16
9	Identification of an intracellular Î²-glucosidase in Aspergillus niger with transglycosylation activity. Applied Microbiology and Biotechnology, 2020, 104, 8367-8380.	3.6	14
10	Identification and Characterization of a Cellodextrin Transporter in Aspergillus niger. Frontiers in Microbiology, 2020, 11, 145.	3.5	7
11	Asymmetric Epoxidation and Sulfoxidation Catalyzed by a New Styrene Monooxygenase from Bradyrhizobium. Applied Biochemistry and Biotechnology, 2021, 193, 65-78.	2.9	7
12	Fusion of cellobiose phosphorylase and potato alpha-glucan phosphorylase facilitates substrate channeling for enzymatic conversion of cellobiose to starch. Preparative Biochemistry and Biotechnology, 2022, 52, 611-617.	1.9	4
13	Characteristics of a XIP â€resistant xylanase from Neocallimastix sp. GMLF 1 and its advantage in barley malt saccharification. International Journal of Food Science and Technology, 2020, 55, 2152-2160.	2.7	3
14	Enantioselectivity and key residue of Herbaspirillum huttiense monooxygenase in asymmetric epoxidation of styrenes. Applied Microbiology and Biotechnology, 2022, 106, 2007-2015.	3.6	3
15	Enzymatic Enantioselective antiâ€Markovnikov Hydration of Aryl Alkenes. Angewandte Chemie - International Edition, 0, , .	13.8	3
16	Enzymatic Enantioselective antiâ€Markovnikov Hydration of Aryl Alkenes. Angewandte Chemie, 2022, 134, .	2.0	3
17	Effects of intron retention on properties of Î²-glucosidase in Aspergillus niger. Fungal Biology, 2019, 123, 465-470.	2.5	2
18	Microbial Proline Racemaseâ€“Proline Dehydrogenase Cascade for Efficient Production of d-proline and N-boc-5-hydroxy-l-proline from l-proline. Applied Biochemistry and Biotechnology, 0, , .	2.9	1