

Hui Lin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

375
citations

1040056

9
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

270
citing authors

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