

Bingfang He

List of Publications by Year in descending order

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11
papers

276
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1040056

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docs citations

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times ranked

408
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Identification and characterization of a thermostable GH11 xylanase from <i>Paenibacillus campinasensis</i> NTU-11 and the distinct roles of its carbohydrate-binding domain and linker sequence. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112167. | 5.0 | 4 |
| 2 | Sequence- and structure-guided improvement of the catalytic performance of a GH11 family xylanase from <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 2021, 297, 101262. | 3.4 | 12 |
| 3 | Relative catalytic efficiencies and transcript levels of three <i>d</i> - and two <i>l</i> -lactate dehydrogenases for optically pure <i>d</i> -lactate production in <i>Sporolactobacillus inulinus</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00704. | 3.0 | 3 |
| 4 | Expansin assisted bio-affinity immobilization of endoxylanase from <i>Bacillus subtilis</i> onto corncob residue: Characterization and efficient production of xylooligosaccharides. <i>Food Chemistry</i> , 2019, 282, 101-108. | 8.2 | 27 |
| 5 | Sodium ions activated phosphofructokinase leading to enhanced <i>d</i> -lactic acid production by <i>Sporolactobacillus inulinus</i> using sodium hydroxide as a neutralizing agent. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3677-3687. | 3.6 | 12 |
| 6 | Extracellular expression of alkali tolerant xylanase from <i>Bacillus subtilis</i> Lucky9 in <i>E. coli</i> and application for xylooligosaccharides production from agro-industrial waste. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 249-256. | 7.5 | 65 |
| 7 | An efficient production of high-pure xylooligosaccharides from corncob with affinity adsorption-enzymatic reaction integrated approach. <i>Bioresource Technology</i> , 2017, 241, 1043-1049. | 9.6 | 23 |
| 8 | Combined utilization of nutrients and sugar derived from wheat bran for <i>d</i> -Lactate fermentation by <i>Sporolactobacillus inulinus</i> YBS1-5. <i>Bioresource Technology</i> , 2017, 229, 33-38. | 9.6 | 20 |
| 9 | <i>d</i> -Lactic acid production by <i>Sporolactobacillus inulinus</i> YBS1-5 with simultaneous utilization of cottonseed meal and corncob residue. <i>Bioresource Technology</i> , 2016, 207, 346-352. | 9.6 | 82 |
| 10 | Mn ²⁺ /Mg ²⁺ -dependent pyruvate kinase from a <i>d</i> -lactic acid-producing bacterium <i>Sporolactobacillus inulinus</i> : characterization of a novel Mn ²⁺ -mediated allosterically regulated enzyme. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1583-1593. | 3.6 | 13 |
| 11 | Glucokinase contributes to glucose phosphorylation in <i>d</i> -lactic acid production by <i>Sporolactobacillus inulinus</i> Y2-8. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 1685-1692. | 3.0 | 15 |