

# Wenli Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106  
papers

1,606  
citations

22  
h-index

34  
g-index

112  
ext. papers

2,152  
ext. citations

6.8  
avg, IF

5.29  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 106 | Characterization of a Novel Mannose Isomerase from <i>Stenotrophomonas rhizophila</i> and Identification of Its Possible Catalytic Residues.. <i>Molecular Biotechnology</i> , <b>2022</b> , 1  | 3    | 0         |
| 105 | Glycosyltransferase from <i>Is</i> a Novel $\alpha$ 1,3-Fucosyltransferase that Can Be Used for 3-Fucosyllactose Production In Vivo by Metabolically Engineered .. <i>Journal of Agricultural and Food Chemistry</i> , <b>2022</b> ,        | 5.7  | 2         |
| 104 | Computer-Aided Targeted Mutagenesis of d-Allulose 3-Epimerase for Improved Thermostability.. <i>Journal of Agricultural and Food Chemistry</i> , <b>2022</b> ,  | 5.7  | 6         |
| 103 | Human Milk Oligosaccharides: The New Gold Standard for Premium Infant Formula.. <i>Journal of Agricultural and Food Chemistry</i> , <b>2022</b> ,   | 5.7  | 7         |
| 102 | Occurrence, functional properties, and preparation of 3-fucosyllactose, one of the smallest human milk oligosaccharides.. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2022</b> , 1-15  | 11.5 | 1         |
| 101 | Comprehensive utilization of sucrose resources via chemical and biotechnological processes: A review. <i>Biotechnology Advances</i> , <b>2022</b> , 60, 107990  | 17.8 | 2         |
| 100 | Overview of a bioremediation tool: organophosphorus hydrolase and its significant application in the food, environmental, and therapy fields. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 8241-8253                  | 5.7  | 3         |
| 99  | Engineering <i>Escherichia coli</i> for highly efficient production of lacto-N-triose II from N-acetylglucosamine, the monomer of chitin. <i>Biotechnology for Biofuels</i> , <b>2021</b> , 14, 198   | 7.8  | 1         |
| 98  | Molecular Dynamics Simulation for Food Enzyme Engineering: Why This Technique Should Be Encouraged To Learn. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 4-6  | 5.7  | 4         |
| 97  | Metabolic Engineering of <i>for</i> Lacto--triose II Production with High Productivity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 3702-3711   | 5.7  | 11        |
| 96  | Lactic acid bacteria-derived $\beta$ glucans: From enzymatic synthesis to miscellaneous applications. <i>Biotechnology Advances</i> , <b>2021</b> , 47, 107708  | 17.8 | 11        |
| 95  | Recent advances and future prospective of organophosphorus-degrading enzymes: identification, modification, and application. <i>Critical Reviews in Biotechnology</i> , <b>2021</b> , 41, 1096-1113   | 9.4  | 3         |
| 94  | Neurobehavior and neuron damage following prolonged exposure of silver nanoparticles with/without polyvinylpyrrolidone coating in <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , <b>2021</b> , 41, 2055-2067        | 4.1  | 1         |
| 93  | A Novel $\alpha$ 1,4-Galactosyltransferase from <i>Enables</i> Efficient Biosynthesis of Lacto--Neotetraose via Both Enzymatic and Cell Factory Approaches. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 5683-5690 | 5.7  | 4         |
| 92  | A review on l-ribose isomerases for the biocatalytic production of l-ribose and l-ribulose. <i>Food Research International</i> , <b>2021</b> , 145, 110409  | 7    | 4         |
| 91  | A review on selective l-fucose/d-arabinose isomerases for biocatalytic production of l-fucose/d-ribulose. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 168, 558-571  | 7.9  | 7         |
| 90  | Silver nanoparticles induced cytotoxicity in HT22 cells through autophagy and apoptosis via PI3K/AKT/mTOR signaling pathway. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111696                                      | 7    | 22        |

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| 89 | Mitophagy-lysosomal pathway is involved in silver nanoparticle-induced apoptosis in A549 cells. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111463  | 7    | 11 |
| 88 | Kinetic study and molecular dynamics simulation of two novel mannose isomerases. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 5898-5907   | 5.5  | 1  |
| 87 | Enzymatic Production of Lactosucrose by Levansucrase, $\beta$ -Fructofuranosidase, and $\beta$ -Galactosidase <b>2021</b> , 125-146  |      |    |
| 86 | Difructose anhydride III: a 50-year perspective on its production and physiological functions. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-26  | 11.5 | 1  |
| 85 | In-depth biochemical identification of a novel methyl parathion hydrolase from <i>Azohydromonas australica</i> and its high effectiveness in the degradation of various organophosphorus pesticides. <i>Bioresource Technology</i> , <b>2021</b> , 323, 124641 | 11   | 11 |
| 84 | Characterization of a Recombinant D-Allulose 3-epimerase from <i>Thermoclostridium caenicola</i> with Potential Application in D-Allulose Production. <i>Molecular Biotechnology</i> , <b>2021</b> , 63, 534-543   | 3    | 5  |
| 83 | Molecular Characterization of a Mesophilic Cellobiose 2-Epimerase That Maintains a High Catalytic Efficiency at Low Temperatures. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 8268-8275  | 5.7  | 1  |
| 82 | Metabolic Engineering of for Efficient Biosynthesis of Lacto--tetraose Using a Novel $\beta$ 1,3-Galactosyltransferase from. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11342-11349   | 5.7  | 2  |
| 81 | Overview of strategies for developing high thermostability industrial enzymes: Discovery, mechanism, modification and challenges. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-18   | 11.5 | 7  |
| 80 | The key role of autophagy in silver nanoparticle-induced BV2 cells inflammation and polarization. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 154, 112324  | 4.7  | 0  |
| 79 | Efficient Production of 2Fucosyllactose from l-Fucose Self-Assembling Multienzyme Complexes in Engineered. <i>ACS Synthetic Biology</i> , <b>2021</b> , 10, 2488-2498  | 5.7  | 4  |
| 78 | Microbial production, molecular modification, and practical application of l-Asparaginase: A review. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 186, 975-983  | 7.9  | 0  |
| 77 | An overview of D-galactose utilization through microbial fermentation and enzyme-catalyzed conversion. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 7161-7170  | 5.7  | 0  |
| 76 | Efficient control of acrylamide in French fries by an extraordinarily active and thermo-stable l-asparaginase: A lab-scale study. <i>Food Chemistry</i> , <b>2021</b> , 360, 130046  | 8.5  | 4  |
| 75 | Biochemical identification of a hyperthermostable l-ribulose 3-epimerase from <i>Labeledella endophytica</i> and its application for d-allulose bioconversion. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 189, 214-222          | 7.9  | 4  |
| 74 | Efficient biosynthesis of lacto-N-neotetraose by a novel $\beta$ 1,4-galactosyltransferase from <i>Aggregatibacter actinomycetemcomitans</i> NUM4039. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 153, 109912 <sup>38</sup>                         | 12   | 3  |
| 73 | D-allulose, a versatile rare sugar: recent biotechnological advances and challenges.. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-19   | 11.5 | 5  |
| 72 | Recent development of phenyllactic acid: physicochemical properties, biotechnological production strategies and applications.. <i>Critical Reviews in Biotechnology</i> , <b>2021</b> , 1-16   | 9.4  | 3  |

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|----|--|------|----|
| 71 | Recent advances on 2Fucosyllactose: physiological properties, applications, and production approaches. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2020</b> , 1-10  | 11.5 | 20 |
| 70 | L-Fucosidases and their applications for the production of fucosylated human milk oligosaccharides. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 5619-5631   | 5.7  | 14 |
| 69 | Recent advances in properties, production, and applications of L-ribulose. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 5663-5672  | 5.7  | 2  |
| 68 | Ribose-5-phosphate isomerases: characteristics, structural features, and applications. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 6429-6441  | 5.7  | 6  |
| 67 | Characterization of recombinant L-ribose isomerase acquired from <i>Cryobacterium</i> sp. N21 with potential application in L-ribulose production. <i>Process Biochemistry</i> , <b>2020</b> , 97, 1-10                              | 4.8  | 6  |
| 66 | Reconstitution of TCA cycle involving l-isoleucine dioxygenase for hydroxylation of l-isoleucine in using CRISPR-Cas9. <i>3 Biotech</i> , <b>2020</b> , 10, 167  | 2.8  | 3  |
| 65 | Mannitol: physiological functionalities, determination methods, biotechnological production, and applications. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 6941-6951  | 5.7  | 15 |
| 64 | Microbial and enzymatic strategies for the production of L-ribose. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 3321-3329  | 5.7  | 2  |
| 63 | Biochemical characterization of a novel thermostable DFA I-forming inulin fructotransferases from <i>Streptomyces peucetius</i> subsp. <i>caesius</i> ATCC 27952. <i>Enzyme and Microbial Technology</i> , <b>2020</b> , 137, 109519 | 3.8  | 4  |
| 62 | Preparation, characterization and application of levan/montmorillonite biocomposite and levan/BSA nanoparticle. <i>Carbohydrate Polymers</i> , <b>2020</b> , 234, 115921   | 10.3 | 10 |
| 61 | Characterization of a recombinant D-mannose-producing D-lyxose isomerase from <i>Caldanaerobius polysaccharolyticus</i> . <i>Enzyme and Microbial Technology</i> , <b>2020</b> , 138, 109553   | 3.8  | 4  |
| 60 | Combinatorial Modular Pathway Engineering for Guanosine 5'Diphosphate-L-fucose Production in Recombinant. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 5668-5675  | 5.7  | 9  |
| 59 | Preparation and photocatalytic activity of pendant heteroaryl groups (pyrimidine and pyridine) grafted polyterthiophene/TiO <sub>2</sub> composites. <i>Materials Express</i> , <b>2020</b> , 10, 1877-1891                          | 1.3  | 0  |
| 58 | Computer-aided search for a cold-active cellobiose 2-epimerase. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 7730-7741   | 4.5  | 5  |
| 57 | Semi-rational design and molecular dynamics simulations study of the thermostability enhancement of cellobiose 2-epimerases. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 154, 1356-1365                | 7.9  | 15 |
| 56 | Current methods and applications in computational protein design for food industry. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2020</b> , 60, 3259-3270  | 11.5 | 4  |
| 55 | Biochemical characterization of recombinant L-fucose isomerase from <i>Caldanaerobius polysaccharolyticus</i> for L-fucose production. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 146, 965-975        | 7.9  | 7  |
| 54 | One-pot production of d-allulose from inulin by a novel identified thermostable exoinulinase from <i>Aspergillus piperis</i> and <i>Dorea</i> sp. d-allulose 3-epimerase. <i>Process Biochemistry</i> , <b>2020</b> , 99, 87-95      | 4.8  | 5  |

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|----|---|------|----|
| 53 | Sugar alcohols derived from lactose: lactitol, galactitol, and sorbitol. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 9487-9495   | 5.7  | 10 |
| 52 | Efficient production of inulin and oligosaccharides using thermostable inulosucrase from <i>Lactobacillus jensenii</i> . <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 165, 1250-1257                                   | 7.9  | 6  |
| 51 | Identification of a novel recombinant D-lyxose isomerase from Thermoprotei archaeon with high thermostable, weak-acid and nickel ion dependent properties. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 1267-1274 | 7.9  | 2  |
| 50 | Constructing Rh-Rh modified TaO@TaON@TaN with special double n-n mutant heterojunctions for enhanced photocatalytic H <sub>2</sub> -evolution.. <i>RSC Advances</i> , <b>2020</b> , 10, 29424-29431   | 3.7  | 2  |
| 49 | Production of l-ribose from l-arabinose by co-expression of l-arabinose isomerase and d-lyxose isomerase in <i>Escherichia coli</i> . <i>Enzyme and Microbial Technology</i> , <b>2020</b> , 132, 109443  | 3.8  | 8  |
| 48 | Sucrose isomers as alternative sweeteners: properties, production, and applications. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 8677-8687   | 5.7  | 10 |
| 47 | Highly Regioselective and Stereoselective Hydroxylation of Free Amino Acids by a 2-Oxoglutarate-Dependent Dioxygenase from. <i>ACS Omega</i> , <b>2019</b> , 4, 8350-8358   | 3.9  | 10 |
| 46 | Characterization of a novel d-lyxose isomerase from <i>Thermo flavimicrobium dichotomicum</i> and its application for D-mannose production. <i>Process Biochemistry</i> , <b>2019</b> , 83, 131-136   | 4.8  | 14 |
| 45 | An overview on biological production of functional lactose derivatives. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 3683-3691  | 5.7  | 23 |
| 44 | An overview of levan-degrading enzyme from microbes. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 7891-7902   | 5.7  | 10 |
| 43 | Characterization of a d-tagatose 3-epimerase from <i>Caballeronia fortuita</i> and its application in rare sugar production. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 138, 536-545                                 | 7.9  | 25 |
| 42 | Polyol dehydrogenases: intermediate role in the bioconversion of rare sugars and alcohols. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 6473-6481   | 5.7  | 10 |
| 41 | A close look on the effect of polyethylene glycol on the levansucrase thermostability: a case study of <i>Brenneria sp.</i> levansucrase. <i>Journal of the Science of Food and Agriculture</i> , <b>2019</b> , 99, 6315-6323                       | 4.3  | 2  |
| 40 | Recent studies on the biological production of D-mannose. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 8753-8761  | 5.7  | 13 |
| 39 | An overview of the biological production of 1-deoxynojirimycin: current status and future perspective. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 9335-9344   | 5.7  | 14 |
| 38 | Simulation-guided enzyme discovery: A new microbial source of cellobiose 2-epimerase. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 139, 1002-1008  | 7.9  | 10 |
| 37 | Highly selective synthesis of d-amino acids from readily available l-amino acids by a one-pot biocatalytic stereoinversion cascade.. <i>RSC Advances</i> , <b>2019</b> , 9, 29927-29935   | 3.7  | 16 |
| 36 | Recent advances in Levansucrase and Inulosucrase: evolution, characteristics, and application. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2019</b> , 59, 3630-3647  | 11.5 | 24 |

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|----|--|------|----|
| 35 | Efficient production of inulooligosaccharides from inulin by endoinulinase from <i>Aspergillus arachidicola</i> . <i>Carbohydrate Polymers</i> , <b>2019</b> , 208, 70-76  | 10.3 | 13 |
| 34 | Inulin and its enzymatic production by inulosucrase: Characteristics, structural features, molecular modifications and applications. <i>Biotechnology Advances</i> , <b>2019</b> , 37, 306-318   | 17.8 | 34 |
| 33 | Preparation of a novel water-soluble gel from <i>Erwinia amylovora</i> levan. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 122, 469-478   | 7.9  | 16 |
| 32 | Enhancement of the <i>Brenneria</i> sp. levansucrase thermostability by site-directed mutagenesis at Glu located at the "-TEAP-" residue motif. <i>Journal of Biotechnology</i> , <b>2019</b> , 290, 1-9   | 3.7  | 6  |
| 31 | Recent advances on biological production of difructose dianhydride III. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 3007-3015   | 5.7  | 5  |
| 30 | D-lyxose isomerase and its application for functional sugar production. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 2051-2062   | 5.7  | 21 |
| 29 | Biosynthesis of levan from sucrose using a thermostable levansucrase from <i>Lactobacillus reuteri</i> LTH5448. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 113, 29-37   | 7.9  | 41 |
| 28 | Production of d-mannose from d-glucose by co-expression of d-glucose isomerase and d-lyxose isomerase in <i>Escherichia coli</i> . <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 4895-4902   | 4.3  | 11 |
| 27 | Recent research on the physiological functions, applications, and biotechnological production of D-allose. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 4269-4278  | 5.7  | 32 |
| 26 | Characterization of a thermostable recombinant l-rhamnose isomerase from <i>Caldicellulosiruptor obsidiansis</i> OB47 and its application for the production of l-fructose and l-rhamnulose. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 2184-2193 | 4.3  | 11 |
| 25 | Recent progress on biological production of Earbutin. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 8145-8152   | 5.7  | 21 |
| 24 | Accessibility of the Shine-Dalgarno Sequence Dictates N-Terminal Codon Bias in <i>E. coli</i> . <i>Molecular Cell</i> , <b>2018</b> , 70, 894-905.e5   | 17.6 | 34 |
| 23 | Improving Thermostability and Catalytic Behavior of l-Rhamnose Isomerase from <i>Caldicellulosiruptor obsidiansis</i> OB47 toward d-Allulose by Site-Directed Mutagenesis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 12017-12024                     | 5.7  | 8  |
| 22 | Current research on cellobiose 2-epimerase: Enzymatic properties, mechanistic insights, and potential applications in the dairy industry. <i>Trends in Food Science and Technology</i> , <b>2018</b> , 82, 167-176   | 15.3 | 26 |
| 21 | l-arabinose isomerases: Characteristics, modification, and application. <i>Trends in Food Science and Technology</i> , <b>2018</b> , 78, 25-33   | 15.3 | 27 |
| 20 | Thermostability Improvement of the d-Allulose 3-Epimerase from <i>Dorea</i> sp. CAG317 by Site-Directed Mutagenesis at the Interface Regions. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 5593-5601  | 5.7  | 25 |
| 19 | Amylosucrase as a transglucosylation tool: From molecular features to bioengineering applications. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 1540-1552   | 17.8 | 37 |
| 18 | Isomerases and epimerases for biotransformation of pentoses. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 7283-7292  | 5.7  | 11 |



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|----|---|------|-----|
| 17 | Enzymatic approaches to rare sugar production. <i>Biotechnology Advances</i> , <b>2017</b> , 35, 267-274  | 17.8 | 95  |
| 16 | Characterization of a novel thermostable l-rhamnose isomerase from <i>Thermobacillus composti</i> KWC4 and its application for production of d-allose. <i>Process Biochemistry</i> , <b>2017</b> , 53, 153-161                                  | 4.8  | 12  |
| 15 | Production of d-allulose from d-glucose by <i>Escherichia coli</i> transformant cells co-expressing d-glucose isomerase and d-psicose 3-epimerase genes. <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 3420-3426    | 4.3  | 15  |
| 14 | Characterisation of a novel cellobiose 2-epimerase from thermophilic <i>Caldicellulosiruptor obsidiansis</i> for lactulose production. <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 3095-3105                      | 4.3  | 21  |
| 13 | Recent advances in d-allulose: Physiological functionalities, applications, and biological production. <i>Trends in Food Science and Technology</i> , <b>2016</b> , 54, 127-137   | 15.3 | 68  |
| 12 | Advances in the enzymatic production of L-hexoses. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 6971-9  | 5.7  | 13  |
| 11 | L-Rhamnose isomerase and its use for biotechnological production of rare sugars. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 2985-92   | 5.7  | 20  |
| 10 | Improving the Thermostability and Catalytic Efficiency of the d-Psicose 3-Epimerase from <i>Clostridium bolteae</i> ATCC BAA-613 Using Site-Directed Mutagenesis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 3386-93 | 5.7  | 30  |
| 9  | Efficient biotransformation of d-fructose to d-mannose by a thermostable d-lyxose isomerase from <i>Thermosediminibacter oceani</i> . <i>Process Biochemistry</i> , <b>2016</b> , 51, 2026-2033   | 4.8  | 14  |
| 8  | Biochemical characterization of a D-psicose 3-epimerase from <i>Treponema primitia</i> ZAS-1 and its application on enzymatic production of D-psicose. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 49-56          | 4.3  | 51  |
| 7  | Characterization of a d-psicose 3-epimerase from <i>Dorea</i> sp. CAG317 with an acidic pH optimum and a high specific activity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2015</b> , 120, 68-74                                  |      | 56  |
| 6  | Isomerases for biotransformation of D-hexoses. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 6571-84  |      | 28  |
| 5  | Characterization of an epilactose-producing cellobiose 2-epimerase from <i>Thermoanaerobacterium saccharolyticum</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2015</b> , 116, 39-44  |      | 17  |
| 4  | Characterization of a D-psicose-producing enzyme, D-psicose 3-epimerase, from <i>Clostridium</i> sp. <i>Biotechnology Letters</i> , <b>2013</b> , 35, 1481-6  | 3    | 56  |
| 3  | Characterization of a metal-dependent D-psicose 3-epimerase from a novel strain, <i>Desmospora</i> sp. 8437. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 11468-76   | 5.7  | 64  |
| 2  | Characterization of a novel metal-dependent D-psicose 3-epimerase from <i>Clostridium scindens</i> 35704. <i>PLoS ONE</i> , <b>2013</b> , 8, e62987   | 3.7  | 60  |
| 1  | Recent advances on applications and biotechnological production of D-psicose. <i>Applied Microbiology and Biotechnology</i> , <b>2012</b> , 94, 1461-7  | 5.7  | 108 |