

MarÃ- a Esteban-Torres

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

743
citations

516710

16
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1053
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Characterization of a Feruloyl Esterase from <i>Lactobacillus plantarum</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 5130-5136. | 3.1 | 120 |
| 2 | Tannin Degradation by a Novel Tannase Enzyme Present in Some <i>Lactobacillus plantarum</i> Strains. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2991-2997. | 3.1 | 97 |
| 3 | A <i>Lactobacillus plantarum</i> Esterase Active on a Broad Range of Phenolic Esters. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3235-3242. | 3.1 | 75 |
| 4 | Characterization of a halotolerant lipase from the lactic acid bacteria <i>Lactobacillus plantarum</i> useful in food fermentations. <i>LWT - Food Science and Technology</i> , 2015, 60, 246-252. | 5.2 | 56 |
| 5 | Comparative genomics and genotype-phenotype associations in <i>Bifidobacterium breve</i> . <i>Scientific Reports</i> , 2018, 8, 10633. | 3.3 | 37 |
| 6 | Characterization of a Cold-Active Esterase from <i>Lactobacillus plantarum</i> Suitable for Food Fermentations. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5126-5132. | 5.2 | 36 |
| 7 | An amperometric affinity penicillin-binding protein magnetosensor for the detection of β -lactam antibiotics in milk. <i>Analyst</i> , 2013, 138, 2013. | 3.5 | 33 |
| 8 | Structure, biochemical characterization and analysis of the pleomorphism of carboxylesterase Cest-2923 from <i>Lactobacillus plantarum</i> WCFS1. <i>FEBS Journal</i> , 2013, 280, 6658-6671. | 4.7 | 32 |
| 9 | Esterase LpEst1 from <i>Lactobacillus plantarum</i> : A Novel and Atypical Member of the β Hydrolase Superfamily of Enzymes. <i>PLoS ONE</i> , 2014, 9, e92257. | 2.5 | 23 |
| 10 | Production and characterization of a tributyrin esterase from <i>Lactobacillus plantarum</i> suitable for cheese lipolysis. <i>Journal of Dairy Science</i> , 2014, 97, 6737-6744. | 3.4 | 23 |
| 11 | Integrated Amperometric Affinity Biosensors Using Co ²⁺ "Tetradentate Nitrilotriacetic Acid Modified Disposable Carbon Electrodes: Application to the Determination of β -Lactam Antibiotics. <i>Analytical Chemistry</i> , 2013, 85, 3246-3254. | 6.5 | 22 |
| 12 | In Vitro Bactericidal and Bacteriolytic Activity of Ceragenin CSA-13 against Planktonic Cultures and Biofilms of <i>Streptococcus pneumoniae</i> and Other Pathogenic <i>Streptococci</i> . <i>PLoS ONE</i> , 2014, 9, e101037. | 2.5 | 22 |
| 13 | The Lp_3561 and Lp_3562 Enzymes Support a Functional Divergence Process in the Lipase/Esterase Toolkit from <i>Lactobacillus plantarum</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1118. | 3.5 | 22 |
| 14 | A Diverse Range of Human Gut Bacteria Have the Potential To Metabolize the Dietary Component Gallic Acid. <i>Applied and Environmental Microbiology</i> , 2018, 84, . | 3.1 | 20 |
| 15 | Characterisation of a cold-active and salt-tolerant esterase from <i>Lactobacillus plantarum</i> with potential application during cheese ripening. <i>International Dairy Journal</i> , 2014, 39, 312-315. | 3.0 | 19 |
| 16 | Characterization of a Versatile Arylesterase from <i>Lactobacillus plantarum</i> Active on Wine Esters. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5118-5125. | 5.2 | 19 |
| 17 | Metabolism of biosynthetic oligosaccharides by human-derived <i>Bifidobacterium breve</i> UCC2003 and <i>Bifidobacterium longum</i> NCIMB 8809. <i>International Journal of Food Microbiology</i> , 2020, 316, 108476. | 4.7 | 16 |
| 18 | Genetic and biochemical approaches towards unravelling the degradation of gallotannins by <i>Streptococcus gallolyticus</i> . <i>Microbial Cell Factories</i> , 2014, 13, 154. | 4.0 | 15 |

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|----|--|-----|-----------|
| 19 | Bifidobacterium breve Exopolysaccharide Blocks Dendritic Cell Maturation and Activation of CD4+ T Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 653587. | 3.5 | 14 |
| 20 | Transcriptional Reprogramming at Genome-Scale of <i>Lactobacillus plantarum</i> WCFS1 in Response to Olive Oil Challenge. <i>Frontiers in Microbiology</i> , 2017, 8, 244. | 3.5 | 12 |
| 21 | Contribution of a tannase from <i>Atopobium parvulum</i> DSM 20469T in the oral processing of food tannins. <i>Food Research International</i> , 2014, 62, 397-402. | 6.2 | 9 |
| 22 | The crystal structure of galactitol 1-phosphate 5-dehydrogenase from <i>Escherichia coli</i> K12 provides insights into its anomalous behavior on IMAC processes. <i>FEBS Letters</i> , 2012, 586, 3127-3133. | 2.8 | 7 |
| 23 | Enantioselective oxidation of galactitol 1-phosphate by galactitol-1-phosphate 5-dehydrogenase from <i>Escherichia coli</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1540-1554. | 2.5 | 6 |
| 24 | Editorial: Role of Bifidobacteria in Human and Animal Health and Biotechnological Applications. <i>Frontiers in Microbiology</i> , 2021, 12, 785664. | 3.5 | 4 |
| 25 | Preliminary X-ray analysis of twinned crystals of the Q88Y25_Lacpl esterase from <i>Lactobacillus plantarum</i> WCFS1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1436-1439. | 0.7 | 3 |
| 26 | Isolation of Chromosomal and Plasmid DNA from Bifidobacteria. <i>Methods in Molecular Biology</i> , 2021, 2278, 21-29. | 0.9 | 1 |