

# 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  | Isolation of Chromosomal and Plasmid DNA from Bifidobacteria. <i>Methods in Molecular Biology</i> , 2021, 2278, 21-29.   | 0.9 | 1         |
| 2  | Bifidobacterium breve Exopolysaccharide Blocks Dendritic Cell Maturation and Activation of CD4+ T Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 653587.  | 3.5 | 14        |
| 3  | Editorial: Role of Bifidobacteria in Human and Animal Health and Biotechnological Applications. <i>Frontiers in Microbiology</i> , 2021, 12, 785664.   | 3.5 | 4         |
| 4  | Metabolism of biosynthetic oligosaccharides by human-derived Bifidobacterium breve UCC2003 and Bifidobacterium longum NCIMB 8809. <i>International Journal of Food Microbiology</i> , 2020, 316, 108476.                 | 4.7 | 16        |
| 5  | 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        |
| 6  | Comparative genomics and genotype-phenotype associations in Bifidobacterium breve. <i>Scientific Reports</i> , 2018, 8, 10633.   | 3.3 | 37        |
| 7  | Transcriptional Reprogramming at Genome-Scale of Lactobacillus plantarum WCFS1 in Response to Olive Oil Challenge. <i>Frontiers in Microbiology</i> , 2017, 8, 244.  | 3.5 | 12        |
| 8  | The Lp_3561 and Lp_3562 Enzymes Support a Functional Divergence Process in the Lipase/Esterase Toolkit from Lactobacillus plantarum. <i>Frontiers in Microbiology</i> , 2016, 7, 1118.                                   | 3.5 | 22        |
| 9  | 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         |
| 10 | A Lactobacillus plantarum Esterase Active on a Broad Range of Phenolic Esters. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3235-3242.  | 3.1 | 75        |
| 11 | Characterization of a halotolerant lipase from the lactic acid bacteria Lactobacillus plantarum useful in food fermentations. <i>LWT - Food Science and Technology</i> , 2015, 60, 246-252.                              | 5.2 | 56        |
| 12 | Esterase LpEst1 from Lactobacillus plantarum: A Novel and Atypical Member of the $\alpha$ -Hydrolase Superfamily of Enzymes. <i>PLoS ONE</i> , 2014, 9, e92257.  | 2.5 | 23        |
| 13 | In Vitro Bactericidal and Bacteriolytic Activity of Ceragenin CSA-13 against Planktonic Cultures and Biofilms of Streptococcus pneumoniae and Other Pathogenic Streptococci. <i>PLoS ONE</i> , 2014, 9, e101037.         | 2.5 | 22        |
| 14 | Production and characterization of a tributyrin esterase from Lactobacillus plantarum suitable for cheese lipolysis. <i>Journal of Dairy Science</i> , 2014, 97, 6737-6744.  | 3.4 | 23        |
| 15 | Genetic and biochemical approaches towards unravelling the degradation of gallotannins by Streptococcus gallolyticus. <i>Microbial Cell Factories</i> , 2014, 13, 154.   | 4.0 | 15        |
| 16 | Tannin Degradation by a Novel Tannase Enzyme Present in Some Lactobacillus plantarum Strains. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2991-2997.   | 3.1 | 97        |
| 17 | Characterisation of a cold-active and salt-tolerant esterase from Lactobacillus plantarum with potential application during cheese ripening. <i>International Dairy Journal</i> , 2014, 39, 312-315.                     | 3.0 | 19        |
| 18 | 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        |

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|----|---|-----|-----------|
| 19 | 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         |
| 20 | 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        |
| 21 | Integrated Amperometric Affinity Biosensors Using Co <sup>2+</sup> -Tetradentate Nitrilotriacetic Acid Modified Disposable Carbon Electrodes: Application to the Determination of $\beta$ -Lactam Antibiotics. <i>Analytical Chemistry</i> , 2013, 85, 3246-3254. | 6.5 | 22        |
| 22 | Characterization of a Feruloyl Esterase from <i>Lactobacillus plantarum</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 5130-5136.  | 3.1 | 120       |
| 23 | An amperometric affinity penicillin-binding protein magnetosensor for the detection of $\beta$ -lactam antibiotics in milk. <i>Analyst</i> , 2013, 138, 2013.   | 3.5 | 33        |
| 24 | 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        |
| 25 | 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         |
| 26 | 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         |