

Estelle Bonnin

List of Publications by Citations

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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.

11
papers

225
citations

7
h-index

11
g-index

11
ext. papers

284
ext. citations

7.7
avg, IF

2.99
L-index

#	Paper	IF	Citations
11	Pectin-modifying enzymes and pectin-derived materials: applications and impacts. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 519-32	5.7	76
10	Innovative enzymatic approach to resolve homogalacturonans based on their methylesterification pattern. <i>Biomacromolecules</i> , 2012 , 13, 1615-24	6.9	40
9	Chromatographic study of highly methoxylated lime pectins deesterified by different pectin methyl-esterases. <i>Biomedical Applications</i> , 2001 , 753, 157-66		34
8	Four GH11 xylanases from the xylanolytic fungus <i>Talaromyces versatilis</i> act differently on (arabino)xylans. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 6339-52	5.7	24
7	Synchrotron Time-Lapse Imaging of Lignocellulosic Biomass Hydrolysis: Tracking Enzyme Localization by Protein Autofluorescence and Biochemical Modification of Cell Walls by Microfluidic Infrared Microspectroscopy. <i>Frontiers in Plant Science</i> , 2018 , 9, 200	6.2	16
6	A multi-scale study of enzyme diffusion in macromolecular solutions and physical gels of pectin polysaccharides. <i>Soft Matter</i> , 2013 , 9, 5110	3.6	14
5	Mobility of pectin methylesterase in pectin/cellulose gels is enhanced by the presence of cellulose and by its catalytic capacity. <i>Scientific Reports</i> , 2019 , 9, 12551	4.9	8
4	Enzymes to unravel bioproducts architecture. <i>Biotechnology Advances</i> , 2020 , 41, 107546	17.8	6
3	Valorisation of walnut shell and pea pod as novel sources for the production of xylooligosaccharides. <i>Carbohydrate Polymers</i> , 2021 , 263, 117932	10.3	6
2	Effect of solid loading on the behaviour of pectin-degrading enzymes. <i>Biotechnology for Biofuels</i> , 2021 , 14, 107	7.8	1
1	Structure of heteroxylans from vitreous and flourey endosperms of maize grain and impact on the enzymatic degradation.. <i>Carbohydrate Polymers</i> , 2022 , 278, 118942	10.3	0