Estelle Bonnin

List of Publications by Year in Descending Order

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