CÃ©dric Y Montanier

List of Publications by Year
in descending order

19 papers	622 citations	759233 12 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	1048 citing authors

#	Article	IF	Citations
1	The covalent complex of Jo-In results from a long-lived, non-covalent intermediate state with near-native structure. Biochemical and Biophysical Research Communications, 2022, 589, 223-228.	2.1	0
2	Multimodularity of a GH10 Xylanase Found in the Termite Gut Metagenome. Applied and Environmental Microbiology, 2021, 87, .	3.1	14
3	A Comparative Study to Decipher the Structural and Dynamics Determinants Underlying the Activity and Thermal Stability of GH-11 Xylanases. International Journal of Molecular Sciences, 2021, 22, 5961.	4.1	9
4	The Jo-In protein welding system is a relevant tool to create CBM-containing plant cell wall degrading enzymes. New Biotechnology, 2021, 65, 31-41.	4.4	5
5	A tripartite carbohydrate-binding module to functionalize cellulose nanocrystal. Biomaterials Science, 2021, 9, 7444-7455.	5.4	1
6	Characterisation of the Effect of the Spatial Organisation of Hemicellulases on the Hydrolysis of Plant Biomass Polymer. International Journal of Molecular Sciences, 2020, 21, 4360.	4.1	5
7	Changing surface grafting density has an effect on the activity of immobilized xylanase towards natural polysaccharides. Scientific Reports, 2019, 9, 5763.	3.3	13
8	Ten years of CAZypedia: a living encyclopedia of carbohydrate-active enzymes. Glycobiology, 2018, 28, 3-8.	2.5	175
9	CBMs as Probes to Explore Plant Cell Wall Heterogeneity Using Immunocytochemistry. Methods in Molecular Biology, 2017, 1588, 181-197.	0.9	4
10	Quantifying CBM Carbohydrate Interactions Using Microscale Thermophoresis. Methods in Molecular Biology, 2017, 1588, 129-141.	0.9	3
11	Engineering of Candida antarctica lipase B for poly(Îµ-caprolactone) synthesis. European Polymer Journal, 2017, 95, 809-819.	5.4	17
12	A Novel, Noncatalytic Carbohydrate-binding Module Displays Specificity for Galactose-containing Polysaccharides through Calcium-mediated Oligomerization. Journal of Biological Chemistry, 2011, 286, 22499-22509.	3.4	33
13	Signature Active Site Architectures Illuminate the Molecular Basis for Ligand Specificity in Family 35 Carbohydrate Binding Module,. Biochemistry, 2010, 49, 6193-6205.	2.5	35
14	Circular Permutation Provides an Evolutionary Link between Two Families of Calcium-dependent Carbohydrate Binding Modules. Journal of Biological Chemistry, 2010, 285, 31742-31754.	3.4	36
15	New Efficient Recombinant Expression System To Engineer Candida antarctica Lipase B. Applied and Environmental Microbiology, 2010, 76, 2684-2687.	3.1	44
16	Evidence that family 35 carbohydrate binding modules display conserved specificity but divergent function. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3065-3070.	7.1	109
17	The Active Site of a Carbohydrate Esterase Displays Divergent Catalytic and Noncatalytic Binding Functions. PLoS Biology, 2009, 7, e1000071.	5.6	56
18	Novel xylan-binding properties of an engineered family 4 carbohydrate-binding module. Biochemical Journal, 2007, 406, 209-214.	3.7	26

#	Article	IF	Citations
19	Engineered xyloglucan specificity in a carbohydrate-binding module. Glycobiology, 2006, 16, 1171-1180.	2.5	37