

CÃ©dric Y Montanier

List of Publications by Year in descending order

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Version: 2024-02-01

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	Ten years of CAZypedia: a living encyclopedia of carbohydrate-active enzymes. <i>Glycobiology</i> , 2018, 28, 3-8.	2.5	175
2	Evidence that family 35 carbohydrate binding modules display conserved specificity but divergent function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3065-3070.	7.1	109
3	The Active Site of a Carbohydrate Esterase Displays Divergent Catalytic and Noncatalytic Binding Functions. <i>PLoS Biology</i> , 2009, 7, e1000071.	5.6	56
4	New Efficient Recombinant Expression System To Engineer <i>Candida antarctica</i> Lipase B. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2684-2687.	3.1	44
5	Engineered xyloglucan specificity in a carbohydrate-binding module. <i>Glycobiology</i> , 2006, 16, 1171-1180.	2.5	37
6	Circular Permutation Provides an Evolutionary Link between Two Families of Calcium-dependent Carbohydrate Binding Modules. <i>Journal of Biological Chemistry</i> , 2010, 285, 31742-31754.	3.4	36
7	Signature Active Site Architectures Illuminate the Molecular Basis for Ligand Specificity in Family 35 Carbohydrate Binding Module. <i>Biochemistry</i> , 2010, 49, 6193-6205.	2.5	35
8	A Novel, Noncatalytic Carbohydrate-binding Module Displays Specificity for Galactose-containing Polysaccharides through Calcium-mediated Oligomerization. <i>Journal of Biological Chemistry</i> , 2011, 286, 22499-22509.	3.4	33
9	Novel xylan-binding properties of an engineered family 4 carbohydrate-binding module. <i>Biochemical Journal</i> , 2007, 406, 209-214.	3.7	26
10	Engineering of <i>Candida antarctica</i> lipase B for poly(μ -caprolactone) synthesis. <i>European Polymer Journal</i> , 2017, 95, 809-819.	5.4	17
11	Multimodularity of a GH10 Xylanase Found in the Termite Gut Metagenome. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	14
12	Changing surface grafting density has an effect on the activity of immobilized xylanase towards natural polysaccharides. <i>Scientific Reports</i> , 2019, 9, 5763.	3.3	13
13	A Comparative Study to Decipher the Structural and Dynamics Determinants Underlying the Activity and Thermal Stability of GH-11 Xylanases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5961.	4.1	9
14	Characterisation of the Effect of the Spatial Organisation of Hemicellulases on the Hydrolysis of Plant Biomass Polymer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4360.	4.1	5
15	The Jo-In protein welding system is a relevant tool to create CBM-containing plant cell wall degrading enzymes. <i>New Biotechnology</i> , 2021, 65, 31-41.	4.4	5
16	CBMs as Probes to Explore Plant Cell Wall Heterogeneity Using Immunocytochemistry. <i>Methods in Molecular Biology</i> , 2017, 1588, 181-197.	0.9	4
17	Quantifying CBM Carbohydrate Interactions Using Microscale Thermophoresis. <i>Methods in Molecular Biology</i> , 2017, 1588, 129-141.	0.9	3
18	A tripartite carbohydrate-binding module to functionalize cellulose nanocrystal. <i>Biomaterials Science</i> , 2021, 9, 7444-7455.	5.4	1

#	ARTICLE	IF	CITATIONS
19	The covalent complex of Jo-In results from a long-lived, non-covalent intermediate state with near-native structure. <i>Biochemical and Biophysical Research Communications</i> , 2022, 589, 223-228.	2.1	0