Nicolas Lenfant

List of Publications by Year
in descending order

19	1,566	687220 13	794469 19
papers	citations	h-index	g-index

19	19	19	2375
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lytic xylan oxidases from wood-decay fungi unlock biomass degradation. Nature Chemical Biology, 2018, 14, 306-310.	3.9	269
2	The molecular basis of polysaccharide cleavage by lytic polysaccharide monooxygenases. Nature Chemical Biology, 2016, 12, 298-303.	3.9	264
3	Structure and boosting activity of a starch-degrading lytic polysaccharide monooxygenase. Nature Communications, 2015, 6, 5961.	5.8	254
4	ESTHER, the database of the Î±/Î²-hydrolase fold superfamily of proteins: tools to explore diversity of functions. Nucleic Acids Research, 2012, 41, D423-D429.	6.5	244
5	Dividing the Large Glycoside Hydrolase Family 43 into Subfamilies: a Motivation for Detailed Enzyme Characterization. Applied and Environmental Microbiology, 2016, 82, 1686-1692.	1.4	173
6	The Human PDZome: A Gateway to PSD95-Disc Large-Zonula Occludens (PDZ)-mediated Functions. Molecular and Cellular Proteomics, 2013, 12, 2587-2603.	2.5	59
7	A bioinformatics analysis of 3400 lytic polysaccharide oxidases from family AA9. Carbohydrate Research, 2017, 448, 166-174.	1.1	55
8	CAZyme content of Pochonia chlamydosporia reflects that chitin and chitosan modification are involved in nematode parasitism. Environmental Microbiology, 2016, 18, 4200-4215.	1.8	41
9	A genome-wide study of PDZ-domain interactions in C. elegans reveals a high frequency of non-canonical binding. BMC Genomics, 2010, 11, 671.	1.2	39
10	Proteins with an alpha/beta hydrolase fold: Relationships between subfamilies in an ever-growing superfamily. Chemico-Biological Interactions, 2013, 203, 266-268.	1.7	39
11	Structure-Function Analysis of a Mixed-linkage Î²-Glucanase/Xyloglucanase from the Key Ruminal Bacteroidetes Prevotella bryantii B14. Journal of Biological Chemistry, 2016, 291, 1175-1197.	1.6	38
12	Prevalence, Specificity and Determinants of Lipid-Interacting PDZ Domains from an In-Cell Screen and In Vitro Binding Experiments. PLoS ONE, 2013, 8, e54581.	1.1	23
13	Broadâ€specificity GH131 Î²â€glucanases are a hallmark of fungi and oomycetes that colonize plants. Environmental Microbiology, 2019, 21, 2724-2739.	1.8	18
14	FGF10 promotes cardiac repair through a dual cellular mechanism increasing cardiomyocyte renewal and inhibiting fibrosis. Cardiovascular Research, 2022, 118, 2625-2637.	1.8	16
15	Tracking the Origin and Divergence of Cholinesterases and Neuroligins: The Evolution of Synaptic Proteins. Journal of Molecular Neuroscience, 2014, 53, 362-369.	1.1	11
16	Relationships of human Î±/Î² hydrolase fold proteins and other organophosphate-interacting proteins. Chemico-Biological Interactions, 2016, 259, 343-351.	1.7	9
17	Natural genomic amplification of cholinesterase genes in animals. Journal of Neurochemistry, 2017, 142, 73-81.	2.1	8
18	Molecular characterization of an acetylcholinesterase from the hemichordate Saccoglossus kowalevskii. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 181, 50-58.	0.7	3

#	Article	IF	Citations
19	An evolutionary perspective on the first disulfide bond in members of the cholinesterase-carboxylesterase (COesterase) family: Possible outcomes for cholinesterase expression in prokaryotes. Chemico-Biological Interactions, 2019, 308, 179-184.	1.7	3