FranÃ§oise H Routier

List of Publications by Year
in descending order

31 papers	1,149 citations	394421 19 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	1368 citing authors

#	Article	IF	Citations
1	C-Mannosylation of Toxoplasma gondii proteins promotes attachment to host cells and parasite virulence. Journal of Biological Chemistry, 2020, 295, 1066-1076.	3.4	9
2	Proteoglycan-Dependent Endo-Lysosomal Fusion Affects Intracellular Survival of Salmonella Typhimurium in Epithelial Cells. Frontiers in Immunology, 2020, 11, 731.	4.8	4
3	C-Mannosylation of Toxoplasma gondii proteins promotes attachment to host cells and parasite virulence. Journal of Biological Chemistry, 2020, 295, 1066-1076.	3.4	11
4	Membrane Topological Model of Glycosyltransferases of the GT-C Superfamily. International Journal of Molecular Sciences, 2019, 20, 4842.	4.1	28
5	Glycobiology of Human Fungal Pathogens: New Avenues for Drug Development. Cells, 2019, 8, 1348.	4.1	13
6	Identification of Leishmania major UDP-Sugar Pyrophosphorylase Inhibitors Using Biosensor-Based Small Molecule Fragment Library Screening. Molecules, 2019, 24, 996.	3.8	8
7	Protein O- and C-Glycosylation pathways in Toxoplasma gondii and Plasmodium falciparum. Parasitology, 2019, 146, 1755-1766.	1.5	28
8	O-Fucosylation of thrombospondin-like repeats is required for processing of microneme protein 2 and for efficient host cell invasion by Toxoplasma gondii tachyzoites. Journal of Biological Chemistry, 2019, 294, 1967-1983.	3.4	27
9	Apicomplexan C-Mannosyltransferases Modify Thrombospondin Type I-containing Adhesins of the TRAP Family. Glycobiology, 2018, 28, 333-343.	2.5	28
10	Parasite Glycobiology: A Bittersweet Symphony. PLoS Pathogens, 2015, 11, e1005169.	4.7	40
11	Depletion of UDP-Glucose and UDP-Galactose Using a Degron System Leads to Growth Cessation of Leishmania major. PLoS Neglected Tropical Diseases, 2015, 9, e0004205.	3.0	24
12	Leishmania major UDP-sugar pyrophosphorylase salvages galactose for glycoconjugate biosynthesis. International Journal for Parasitology, 2015, 45, 783-790.	3.1	13
13	Characterization of anN-acetylglucosaminyltransferase involved inAspergillus fumigatuszwitterionic glycoinositolphosphoceramide biosynthesis. Glycobiology, 2015, 25, 1423-1430.	2.5	10
14	Aspergillus fumigatusCap59-like protein A is involved in Î±1,3-mannosylation of GPI-anchors. Glycobiology, 2015, 26, cwv078.	2.5	10
15	Identification, biochemical characterization, and in-vivo expression of the intracellular invertase BfrA from the pathogenic parasite Leishmania major. Carbohydrate Research, 2015, 415, 31-38.	2.3	7
16	Catalytic Mechanism and Allosteric Regulation of UDP-Glucose Pyrophosphorylase from Leishmania major. ACS Catalysis, 2013, 3, 2976-2985.	11.2	25
17	Galactofuranose in eukaryotes: aspects of biosynthesis and functional impact. Glycobiology, 2012, 22, 456-469.	2.5	126
18	Biosynthesis of the Fungal Cell Wall Polysaccharide Galactomannan Requires Intraluminal GDP-mannose. Journal of Biological Chemistry, 2012, 287, 44418-44424.	3.4	59

#	Article	IF	Citations
19	Studies on galactofuranose-containing glycostructures of the pathogenic mold Aspergillus fumigatus. International Journal of Medical Microbiology, 2011, 301, 523-530.	3.6	30
20	Structural Basis for the Broad Substrate Range of the UDP-Sugar Pyrophosphorylase from Leishmania major. Journal of Molecular Biology, 2011, 405, 461-478.	4.2	36
21	Deletion of UDP-glucose pyrophosphorylase reveals a UDP-glucose independent UDP-galactose salvage pathway in Leishmania major. Glycobiology, 2010, 20, 872-882.	2.5	18
22	Leishmania UDP-sugar Pyrophosphorylase. Journal of Biological Chemistry, 2010, 285, 878-887.	3.4	52
23	The mitA gene of Aspergillus fumigatus is required for mannosylation of inositol-phosphorylceramide, but is dispensable for pathogenicity. Fungal Genetics and Biology, 2010, 47, 169-178.	2.1	24
24	Approaching the Secrets of N-Glycosylation in Aspergillus fumigatus: Characterization of the AfOch1 Protein. PLoS ONE, 2010, 5, e15729.	2.5	39
25	A Single UDP-galactofuranose Transporter Is Required for Galactofuranosylation in Aspergillus fumigatus. Journal of Biological Chemistry, 2009, 284, 33859-33868.	3.4	58
26	Contribution of Galactofuranose to the Virulence of the Opportunistic Pathogen Aspergillus fumigatus. Eukaryotic Cell, 2008, 7, 1268-1277.	3.4	144
27	The yeast oligosaccharyltransferase complex can be replaced by STT3 from Leishmania major. Glycobiology, 2008, 19, 160-171.	2.5	49
28	Targeted Gene Deletion of Leishmania major UDP-galactopyranose Mutase Leads to Attenuated Virulence. Journal of Biological Chemistry, 2007, 282, 10498-10505.	3.4	66
29	The Human Solute Carrier Gene SLC35B4 Encodes a Bifunctional Nucleotide Sugar Transporter with Specificity for UDP-Xylose and UDP-N-Acetylglucosamine. Journal of Biological Chemistry, 2005, 280, 27230-27235.	3.4	100
30	Identification and partial characterization of two eukaryotic UDP-galactopyranose mutases. Biological Chemistry, 2005, 386, 657-61.	2.5	60
31	Characterization of a gene cluster involved in Aspergillus fumigatus zwitterionic glycosphingolipid synthesis. Glycobiology, 0, , .	2.5	3