

Didier Ndeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1377247/publications.pdf>

Version: 2024-02-01

16
papers

1,531
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex pectin metabolism by gut bacteria reveals novel catalytic functions. <i>Nature</i> , 2017, 544, 65-70.	27.8	447
2	Dietary pectic glycans are degraded by coordinated enzyme pathways in human colonic <i>Bacteroides</i> . <i>Nature Microbiology</i> , 2018, 3, 210-219.	13.3	263
3	Biochemistry of complex glycan depolymerisation by the human gut microbiota. <i>FEMS Microbiology Reviews</i> , 2018, 42, 146-164.	8.6	188
4	Complex N-glycan breakdown by gut <i>Bacteroides</i> involves an extensive enzymatic apparatus encoded by multiple co-regulated genetic loci. <i>Nature Microbiology</i> , 2019, 4, 1571-1581.	13.3	116
5	A surface endogalactanase in <i>Bacteroides thetaiotaomicron</i> confers keystone status for arabinogalactan degradation. <i>Nature Microbiology</i> , 2018, 3, 1314-1326.	13.3	103
6	How members of the human gut microbiota overcome the sulfation problem posed by glycosaminoglycans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7037-7042.	7.1	99
7	A Novel Extracellular Metallopeptidase Domain Shared by Animal Host-Associated Mutualistic and Pathogenic Microbes. <i>PLoS ONE</i> , 2012, 7, e30287.	2.5	96
8	Metabolism of multiple glycosaminoglycans by <i>Bacteroides thetaiotaomicron</i> is orchestrated by a versatile core genetic locus. <i>Nature Communications</i> , 2020, 11, 646.	12.8	58
9	Fucosidases from the human gut symbiont <i>Ruminococcus gnavus</i> . <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 675-693.	5.4	52
10	The human gut microbe <i>Bacteroides thetaiotaomicron</i> encodes the founding member of a novel glycosaminoglycan-degrading polysaccharide lyase family PL29. <i>Journal of Biological Chemistry</i> , 2018, 293, 17906-17916.	3.4	30
11	Single cell fluorescence imaging of glycan uptake by intestinal bacteria. <i>ISME Journal</i> , 2019, 13, 1883-1889.	9.8	28
12	Structural and functional analyses of glycoside hydrolase 138 enzymes targeting chain A galacturonic acid in the complex pectin rhamnogalacturonan II. <i>Journal of Biological Chemistry</i> , 2019, 294, 7711-7721.	3.4	12
13	Target highlights from the first post-PSI CASP experiment (CASP12, May-August 2016). <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 27-50.	2.6	11
14	The human gut symbiont <i>Ruminococcus gnavus</i> shows specificity to blood group A antigen during mucin glycan foraging: Implication for niche colonisation in the gastrointestinal tract. <i>PLoS Biology</i> , 2021, 19, e3001498.	5.6	10
15	Sulfation of Arabinogalactan Proteins Confers Privileged Nutrient Status to <i>Bacteroides plebeius</i> . <i>MBio</i> , 2021, 12, e0136821.	4.1	7
16	Ascertaining the biochemical function of an essential pectin methyltransferase in the gut microbe <i>Bacteroides thetaiotaomicron</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 18625-18637.	3.4	4