

Didier Ndeh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

891
citations

11
h-index

17
g-index

17
ext. papers

1,241
ext. citations

14.3
avg, IF

4.2
L-index

#	Paper	IF	Citations
16	Complex pectin metabolism by gut bacteria reveals novel catalytic functions. <i>Nature</i> , 2017 , 544, 65-70	50.4	291
15	Dietary pectic glycans are degraded by coordinated enzyme pathways in human colonic Bacteroides. <i>Nature Microbiology</i> , 2018 , 3, 210-219	26.6	142
14	Biochemistry of complex glycan depolymerisation by the human gut microbiota. <i>FEMS Microbiology Reviews</i> , 2018 , 42, 146-164	15.1	100
13	A novel extracellular metallopeptidase domain shared by animal host-associated mutualistic and pathogenic microbes. <i>PLoS ONE</i> , 2012 , 7, e30287	3.7	71
12	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	11.5	67
11	Complex N-glycan breakdown by gut Bacteroides involves an extensive enzymatic apparatus encoded by multiple co-regulated genetic loci. <i>Nature Microbiology</i> , 2019 , 4, 1571-1581	26.6	64
10	A surface endogalactanase in Bacteroides thetaiotaomicron confers keystone status for arabinogalactan degradation. <i>Nature Microbiology</i> , 2018 , 3, 1314-1326	26.6	57
9	Metabolism of multiple glycosaminoglycans by Bacteroides thetaiotaomicron is orchestrated by a versatile core genetic locus. <i>Nature Communications</i> , 2020 , 11, 646	17.4	27
8	The human gut microbe encodes the founding member of a novel glycosaminoglycan-degrading polysaccharide lyase family PL29. <i>Journal of Biological Chemistry</i> , 2018 , 293, 17906-17916	5.4	18
7	Single cell fluorescence imaging of glycan uptake by intestinal bacteria. <i>ISME Journal</i> , 2019 , 13, 1883-1889	9.9	17
6	Fucosidases from the human gut symbiont Ruminococcus gnavus. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 675-693	10.3	17
5	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	5.4	5
4	Target highlights from the first post-PSI CASP experiment (CASP12, May-August 2016). <i>Proteins: Structure, Function and Bioinformatics</i> , 2018 , 86 Suppl 1, 27-50	4.2	5
3	The human gut symbiont Ruminococcus gnavus 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	9.7	3
2	Ascertaining the biochemical function of an essential pectin methylesterase in the gut microbe. <i>Journal of Biological Chemistry</i> , 2020 , 295, 18625-18637	5.4	2
1	Sulfation of Arabinogalactan Proteins Confers Privileged Nutrient Status to Bacteroides plebeius. <i>MBio</i> , 2021 , 12, e0136821	7.8	2