

Nicholas A Pudlo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4179227/publications.pdf>

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13
papers

3,669
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

5764
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dietary Fiber-Deprived Gut Microbiota Degrades the Colonic Mucus Barrier and Enhances Pathogen Susceptibility. <i>Cell</i> , 2016, 167, 1339-1353.e21.	28.9	1,882
2	Human gut Bacteroidetes can utilize yeast mannan through a selfish mechanism. <i>Nature</i> , 2015, 517, 165-169.	27.8	427
3	A discrete genetic locus confers xyloglucan metabolism in select human gut Bacteroidetes. <i>Nature</i> , 2014, 506, 498-502.	27.8	400
4	The human gut Firmicute <i>Roseburia intestinalis</i> is a primary degrader of dietary β^2 -mannans. <i>Nature Communications</i> , 2019, 10, 905.	12.8	202
5	Neonatal acquisition of <i>Clostridia</i> species protects against colonization by bacterial pathogens. <i>Science</i> , 2017, 356, 315-319.	12.6	199
6	Symbiotic Human Gut Bacteria with Variable Metabolic Priorities for Host Mucosal Glycans. <i>MBio</i> , 2015, 6, e01282-15.	4.1	148
7	Molecular Mechanism by which Prominent Human Gut Bacteroidetes Utilize Mixed-Linkage Beta-Glucans, Major Health-Promoting Cereal Polysaccharides. <i>Cell Reports</i> , 2017, 21, 417-430.	6.4	119
8	Molecular basis of an agarose metabolic pathway acquired by a human intestinal symbiont. <i>Nature Communications</i> , 2018, 9, 1043.	12.8	86
9	Synergy between Cell Surface Glycosidases and Glycan-Binding Proteins Dictates the Utilization of Specific Beta(1,3)-Glucans by Human Gut <i>Bacteroides</i> . <i>MBio</i> , 2020, 11, .	4.1	58
10	On the intrinsic sterility of 3D printing. <i>PeerJ</i> , 2016, 4, e2661.	2.0	54
11	A β^2 -mannan utilization locus in <i>Bacteroides ovatus</i> involves a GH36 β -galactosidase active on galactomannans. <i>FEBS Letters</i> , 2016, 590, 2106-2118.	2.8	38
12	A Ribose-Scavenging System Confers Colonization Fitness on the Human Gut Symbiont <i>Bacteroides thetaiotaomicron</i> in a Diet-Specific Manner. <i>Cell Host and Microbe</i> , 2020, 27, 79-92.e9.	11.0	30
13	Experimental evaluation of ecological principles to understand and modulate the outcome of bacterial strain competition in gut microbiomes. <i>ISME Journal</i> , 2022, 16, 1594-1604.	9.8	24