

Ana M Rodriguez-Pineiro

List of Publications by Year in descending order

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18
papers

3,027
citations

567281

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839539

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docs citations

19
times ranked

5004
citing authors

#	ARTICLE	IF	CITATIONS
1	The mucus and mucins of the goblet cells and enterocytes provide the first defense line of the gastrointestinal tract and interact with the immune system. <i>Immunological Reviews</i> , 2014, 260, 8-20.	6.0	895
2	The composition of the gut microbiota shapes the colon mucus barrier. <i>EMBO Reports</i> , 2015, 16, 164-177.	4.5	519
3	Composition and functional role of the mucus layers in the intestine. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3635-3641.	5.4	404
4	Normalization of Host Intestinal Mucus Layers Requires Long-Term Microbial Colonization. <i>Cell Host and Microbe</i> , 2015, 18, 582-592.	11.0	368
5	Microbial-induced meprin $\hat{1}^2$ cleavage in MUC2 mucin and a functional CFTR channel are required to release anchored small intestinal mucus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12396-12401.	7.1	159
6	Studies of mucus in mouse stomach, small intestine, and colon. III. Gastrointestinal Muc5ac and Muc2 mucin <i>O</i> -glycan patterns reveal a regiospecific distribution. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G357-G363.	3.4	153
7	Studies of mucus in mouse stomach, small intestine, and colon. II. Gastrointestinal mucus proteome reveals Muc2 and Muc5ac accompanied by a set of core proteins. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G348-G356.	3.4	114
8	The normal trachea is cleaned by MUC5B mucin bundles from the submucosal glands coated with the MUC5AC mucin. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 331-337.	2.1	92
9	AGR2, an Endoplasmic Reticulum Protein, Is Secreted into the Gastrointestinal Mucus. <i>PLoS ONE</i> , 2014, 9, e104186.	2.5	58
10	The colonic mucus protection depends on the microbiota. <i>Gut Microbes</i> , 2015, 6, 326-330.	9.8	46
11	Dynamic Changes in Mucus Thickness and Ion Secretion during <i>Citrobacter rodentium</i> Infection and Clearance. <i>PLoS ONE</i> , 2013, 8, e84430.	2.5	44
12	Proteomic Comparison between Two Marine Snail Ecotypes Reveals Details about the Biochemistry of Adaptation. <i>Journal of Proteome Research</i> , 2008, 7, 4926-4934.	3.7	40
13	Attached stratified mucus separates bacteria from the epithelial cells in COPD lungs. <i>JCI Insight</i> , 2018, 3, .	5.0	35
14	Identification of hydrophobic proteins as biomarker candidates for colorectal cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 529-540.	2.8	27
15	Proteomic Study of the Mucin Granulae in an Intestinal Goblet Cell Model. <i>Journal of Proteome Research</i> , 2012, 11, 1879-1890.	3.7	25
16	The IgGFc-binding protein FCGBP is secreted with all GDPH sequences cleaved but maintained by interfragment disulfide bonds. <i>Journal of Biological Chemistry</i> , 2021, 297, 100871.	3.4	20
17	Selection of putative colorectal cancer markers by applying PCA on the soluble proteome of tumors: NDK A as a promising candidate. <i>Journal of Proteomics</i> , 2011, 74, 874-886.	2.4	16
18	Normal murine respiratory tract has its mucus concentrated in clouds based on the Muc5b mucin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1270-L1279.	2.9	12