

Jenny Gustafsson

List of Publications by Year in descending order

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27
papers

4,536
citations

394421

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526287

27
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28
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28
docs citations

28
times ranked

6429
citing authors

#	ARTICLE	IF	CITATIONS
1	Goblet cell LRRC26 regulates BK channel activation and protects against colitis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	14
2	Intestinal goblet cells sample and deliver luminal antigens by regulated endocytic uptake and transcytosis. ELife, 2021, 10, .	6.0	34
3	Goblet cell associated antigen passages support the induction and maintenance of oral tolerance. Mucosal Immunology, 2020, 13, 271-282.	6.0	89
4	In vivo labeling of epithelial cell-associated antigen passages in the murine intestine. Lab Animal, 2020, 49, 79-88.	0.4	10
5	IL-13-induced intestinal secretory epithelial cell antigen passages are required for IgE-mediated food-induced anaphylaxis. Journal of Allergy and Clinical Immunology, 2019, 144, 1058-1073.e3.	2.9	44
6	Interleukin 4 induces rapid mucin transport, increases mucus thickness and quality and decreases colitis and <i>Citrobacter rodentium</i> in contact with epithelial cells. Virulence, 2019, 10, 97-117.	4.4	26
7	Predicting Risk of Postoperative Disease Recurrence in Crohn's Disease: Patients With Indolent Crohn's Disease Have Distinct Whole Transcriptome Profiles at the Time of First Surgery. Inflammatory Bowel Diseases, 2019, 25, 180-193.	1.9	18
8	Goblet cell associated antigen passages are inhibited during Salmonella typhimurium infection to prevent pathogen dissemination and limit responses to dietary antigens. Mucosal Immunology, 2018, 11, 1103-1113.	6.0	47
9	Antibiotics promote the sampling of luminal antigens and bacteria via colonic goblet cell associated antigen passages. Gut Microbes, 2017, 8, 400-411.	9.8	47
10	CCR6 promotes steady-state mononuclear phagocyte association with the intestinal epithelium, imprinting and immune surveillance. Immunology, 2017, 152, 613-627.	4.4	13
11	Microbial antigen encounter during a preweaning interval is critical for tolerance to gut bacteria. Science Immunology, 2017, 2, .	11.9	167
12	Carbachol-induced colonic mucus formation requires transport via NKCC1, K ⁺ channels and CFTR. Pflugers Archiv European Journal of Physiology, 2015, 467, 1403-1415.	2.8	23
13	New developments in goblet cell mucus secretion and function. Mucosal Immunology, 2015, 8, 712-719.	6.0	541
14	Hyper-osmolarity and calcium chelation: Effects on cystic fibrosis mucus. European Journal of Pharmacology, 2015, 764, 109-117.	3.5	14
15	Modified-Chitosan/siRNA Nanoparticles Downregulate Cellular CDX2 Expression and Cross the Gastric Mucus Barrier. PLoS ONE, 2014, 9, e99449.	2.5	23
16	Bacteria penetrate the normally impenetrable inner colon mucus layer in both murine colitis models and patients with ulcerative colitis. Gut, 2014, 63, 281-291.	12.1	717
17	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. Immunological Reviews, 2014, 260, 8-20.	6.0	895
18	Studies of mucus in mouse stomach, small intestine, and colon. I. Gastrointestinal mucus layers have different properties depending on location as well as over the Peyer's patches. American Journal of Physiology - Renal Physiology, 2013, 305, G341-G347.	3.4	275

#	ARTICLE	IF	CITATIONS
19	Dynamic Changes in Mucus Thickness and Ion Secretion during <i>Citrobacter rodentium</i> Infection and Clearance. PLoS ONE, 2013, 8, e84430.	2.5	44
20	Mucus Properties and Goblet Cell Quantification in Mouse, Rat and Human Ileal Peyer's Patches. PLoS ONE, 2013, 8, e83688.	2.5	46
21	Calcium and pH-dependent packing and release of the gel-forming MUC2 mucin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5645-5650.	7.1	265
22	An ex vivo method for studying mucus formation, properties, and thickness in human colonic biopsies and mouse small and large intestinal explants. American Journal of Physiology - Renal Physiology, 2012, 302, G430-G438.	3.4	181
23	Bicarbonate and functional CFTR channel are required for proper mucin secretion and link cystic fibrosis with its mucus phenotype. Journal of Experimental Medicine, 2012, 209, 1263-1272.	8.5	292
24	Ulcerative colitis patients in remission have an altered secretory capacity in the proximal colon despite macroscopically normal mucosa. Neurogastroenterology and Motility, 2012, 24, e381-91.	3.0	10
25	Ex Vivo Measurements of Mucus Secretion by Colon Explants. Methods in Molecular Biology, 2012, 842, 237-243.	0.9	9
26	Composition and functional role of the mucus layers in the intestine. Cellular and Molecular Life Sciences, 2011, 68, 3635-3641.	5.4	404
27	Bacteria Penetrate the Inner Mucus Layer before Inflammation in the Dextran Sulfate Colitis Model. PLoS ONE, 2010, 5, e12238.	2.5	288