

# Jenny Gustafsson

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

4,536  
citations

394421

19  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

6429  
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	Bacteria penetrate the normally impenetrable inner colon mucus layer in both murine colitis models and patients with ulcerative colitis. <i>Gut</i> , 2014, 63, 281-291.	12.1	717
3	New developments in goblet cell mucus secretion and function. <i>Mucosal Immunology</i> , 2015, 8, 712-719.	6.0	541
4	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
5	Bicarbonate and functional CFTR channel are required for proper mucin secretion and link cystic fibrosis with its mucus phenotype. <i>Journal of Experimental Medicine</i> , 2012, 209, 1263-1272.	8.5	292
6	Bacteria Penetrate the Inner Mucus Layer before Inflammation in the Dextran Sulfate Colitis Model. <i>PLoS ONE</i> , 2010, 5, e12238.	2.5	288
7	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. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G341-G347.	3.4	275
8	Calcium and pH-dependent packing and release of the gel-forming MUC2 mucin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5645-5650.	7.1	265
9	An ex vivo method for studying mucus formation, properties, and thickness in human colonic biopsies and mouse small and large intestinal explants. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G430-G438.	3.4	181
10	Microbial antigen encounter during a preweaning interval is critical for tolerance to gut bacteria. <i>Science Immunology</i> , 2017, 2, .	11.9	167
11	Goblet cell associated antigen passages support the induction and maintenance of oral tolerance. <i>Mucosal Immunology</i> , 2020, 13, 271-282.	6.0	89
12	Antibiotics promote the sampling of luminal antigens and bacteria via colonic goblet cell associated antigen passages. <i>Gut Microbes</i> , 2017, 8, 400-411.	9.8	47
13	Goblet cell associated antigen passages are inhibited during <i>Salmonella typhimurium</i> infection to prevent pathogen dissemination and limit responses to dietary antigens. <i>Mucosal Immunology</i> , 2018, 11, 1103-1113.	6.0	47
14	Mucus Properties and Goblet Cell Quantification in Mouse, Rat and Human Ileal Peyer's Patches. <i>PLoS ONE</i> , 2013, 8, e83688.	2.5	46
15	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
16	IL-13-induced intestinal secretory epithelial cell antigen passages are required for IgE-mediated food-induced anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1058-1073.e3.	2.9	44
17	Intestinal goblet cells sample and deliver luminal antigens by regulated endocytic uptake and transcytosis. <i>ELife</i> , 2021, 10, .	6.0	34
18	Interleukin 4 induces rapid mucin transport, increases mucus thickness and quality and decreases colitis and <i>Citrobacter rodentium</i> in contact with epithelial cells. <i>Virulence</i> , 2019, 10, 97-117.	4.4	26

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19	Modified-Chitosan/siRNA Nanoparticles Downregulate Cellular CDX2 Expression and Cross the Gastric Mucus Barrier. PLoS ONE, 2014, 9, e99449.	2.5	23
20	Carbachol-induced colonic mucus formation requires transport via NKCC1, K <sup>+</sup> channels and CFTR. Pflugers Archiv European Journal of Physiology, 2015, 467, 1403-1415.	2.8	23
21	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
22	Hyper-osmolarity and calcium chelation: Effects on cystic fibrosis mucus. European Journal of Pharmacology, 2015, 764, 109-117.	3.5	14
23	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
24	CCR6 promotes steady-state mononuclear phagocyte association with the intestinal epithelium, imprinting and immune surveillance. Immunology, 2017, 152, 613-627.	4.4	13
25	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
26	In vivo labeling of epithelial cell-associated antigen passages in the murine intestine. Lab Animal, 2020, 49, 79-88.	0.4	10
27	Ex Vivo Measurements of Mucus Secretion by Colon Explants. Methods in Molecular Biology, 2012, 842, 237-243.	0.9	9