Kathryn A Knoop

List of Publications by Year
in descending order

30 papers	2,770 citations	393982 19 h-index	454577 30 g-index
31 all docs	31 docs citations	31 times ranked	3593 citing authors

#	Article	IF	Citations
1	Goblet cells deliver luminal antigen to CD103+ dendritic cells in the small intestine. Nature, 2012, 483, 345-349.	13.7	766
2	RANKL Is Necessary and Sufficient to Initiate Development of Antigen-Sampling M Cells in the Intestinal Epithelium. Journal of Immunology, 2009, 183, 5738-5747.	0.4	282
3	Goblet cells: multifaceted players in immunity at mucosal surfaces. Mucosal Immunology, 2018, 11, 1551-1557.	2.7	207
4	Antibiotics promote inflammation through the translocation of native commensal colonic bacteria. Gut, 2016, 65, 1100-1109.	6.1	205
5	The Ets transcription factor Spi-B is essential for the differentiation of intestinal microfold cells. Nature Immunology, 2012, 13, 729-736.	7.0	196
6	Microbial sensing by goblet cells controls immune surveillance of luminal antigens in the colon. Mucosal Immunology, 2015, 8, 198-210.	2.7	191
7	Microbial antigen encounter during a preweaning interval is critical for tolerance to gut bacteria. Science Immunology, 2017, 2, .	5.6	167
8	Helicobacter species are potent drivers of colonic T cell responses in homeostasis and inflammation. Science Immunology, 2017, 2, .	5.6	100
9	Goblet cell associated antigen passages support the induction and maintenance of oral tolerance. Mucosal Immunology, 2020, 13, 271-282.	2.7	89
10	Transepithelial antigen delivery in the small intestine. Current Opinion in Gastroenterology, 2013, 29, 112-118.	1.0	53
11	CCR6hiCD11cint B cells promote M-cell differentiation in Peyer's patch. International Immunology, 2011, 23, 261-269.	1.8	49
12	Isolated Lymphoid Follicles are Dynamic Reservoirs for the Induction of Intestinal IgA. Frontiers in Immunology, 2012, 3, 84.	2.2	48
13	Antibiotics promote the sampling of luminal antigens and bacteria via colonic goblet cell associated antigen passages. Gut Microbes, 2017, 8, 400-411.	4.3	47
14	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.	2.7	47
15	Distinct Developmental Requirements for Isolated Lymphoid Follicle Formation in the Small and Large Intestine. American Journal of Pathology, 2011, 179, 1861-1871.	1.9	46
16	IL-13â€“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.	1.5	44
17	Maternal activation of the EGFR prevents translocation of gut-residing pathogenic Escherichia coli in a model of late-onset neonatal sepsis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7941-7949.	3.3	35
18	Intestinal goblet cells sample and deliver lumenal antigens by regulated endocytic uptake and transcytosis. ELife, 2021, 10, .	2.8	34

#	Article	IF	Citations
19	Synchronization of mothers and offspring promotes tolerance and limits allergy. JCI Insight, 2020, 5, .	2.3	25
20	A Potential Role for Stress-Induced Microbial Alterations in IgA-Associated Irritable Bowel Syndrome with Diarrhea. Cell Reports Medicine, 2020, 1, 100124.	3.3	24
21	Predicting Risk of Postoperative Disease Recurrence in Crohnâ€™s Disease: Patients With Indolent Crohnâ€™s Disease Have Distinct Whole Transcriptome Profiles at the Time of First Surgery. Inflammatory Bowel Diseases, 2019, 25, 180-193.	0.9	18
22	Regulation of oral antigen delivery early in life: Implications for oral tolerance and food allergy. Clinical and Experimental Allergy, 2021, 51, 518-526.	1.4	16
23	Mind the GAPs: insights into intestinal epithelial barrier maintenance and luminal antigen delivery. Mucosal Immunology, 2014, 7, 452-454.	2.7	14
24	Sepsis, Cytokine Storms, and Immunopathology: The Divide between Neonates and Adults. ImmunoHorizons, 2021, 5, 512-522.	0.8	14
25	CCR6 promotes steadyâ€state mononuclear phagocyte associationÂwith the intestinal epithelium, imprinting and immune surveillance. Immunology, 2017, 152, 613-627.	2.0	13
26	Inherited nongenetic influences on the gut microbiome and immune system. Birth Defects Research, 2018, 110, 1494-1503.	0.8	10
27	In vivo labeling of epithelial cellâ€“associated antigen passages in the murine intestine. Lab Animal, 2020, 49, 79-88.	0.2	10
28	Regulatory T Cells Developing Peri-Weaning Are Continually Required to Restrain Th2 Systemic Responses Later in Life. Frontiers in Immunology, 2020, 11, 603059.	2.2	9
29	Understanding the Elements of Maternal Protection from Systemic Bacterial Infections during Early Life. Nutrients, 2020, 12, 1045.	1.7	8
30	Characterization and application of two RANK-specific antibodies with different biological activities. Immunology Letters, 2016, 171, 5-14.	1.1	3