

Kelli L Vandussen

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,614
citations

331670

21
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

4372
citing authors

#	ARTICLE	IF	CITATIONS
1	Notch signaling modulates proliferation and differentiation of intestinal crypt base columnar stem cells. <i>Development (Cambridge)</i> , 2012, 139, 488-497.	2.5	445
2	Development of an enhanced human gastrointestinal epithelial culture system to facilitate patient-based assays. <i>Gut</i> , 2015, 64, 911-920.	12.1	410
3	Development of a primary mouse intestinal epithelial cell monolayer culture system to evaluate factors that modulate IgA transcytosis. <i>Mucosal Immunology</i> , 2014, 7, 818-828.	6.0	210
4	Prostaglandin E2 promotes intestinal repair through an adaptive cellular response of the epithelium. <i>EMBO Journal</i> , 2017, 36, 5-24.	7.8	179
5	Genetic Variants Synthesize to Produce Paneth Cell Phenotypes That Define Subtypes of Crohn's Disease. <i>Gastroenterology</i> , 2014, 146, 200-209.	1.3	155
6	Long-Term Culture Captures Injury-Repair Cycles of Colonic Stem Cells. <i>Cell</i> , 2019, 179, 1144-1159.e15.	28.9	140
7	Mouse atonal homolog 1 directs intestinal progenitors to secretory cell rather than absorptive cell fate. <i>Developmental Biology</i> , 2010, 346, 215-223.	2.0	120
8	A Stem-Cell-Derived Platform Enables Complete Cryptosporidium Development In Vitro and Genetic Tractability. <i>Cell Host and Microbe</i> , 2019, 26, 123-134.e8.	11.0	116
9	Epithelial Indoleamine 2,3-Dioxygenase 1 Modulates Aryl Hydrocarbon Receptor and Notch Signaling to Increase Differentiation of Secretory Cells and Alter Mucus-Associated Microbiota. <i>Gastroenterology</i> , 2019, 157, 1093-1108.e11.	1.3	92
10	ADAM10 Regulates Notch Function in Intestinal Stem Cells of Mice. <i>Gastroenterology</i> , 2014, 147, 822-834.e13.	1.3	78
11	Abnormal Small Intestinal Epithelial Microvilli in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2018, 155, 815-828.	1.3	75
12	Notch signaling regulates gastric antral LGR 5 stem cell function. <i>EMBO Journal</i> , 2015, 34, 2522-2536.	7.8	74
13	L-WRN conditioned medium for gastrointestinal epithelial stem cell culture shows replicable batch-to-batch activity levels across multiple research teams. <i>Stem Cell Research</i> , 2019, 37, 101430.	0.7	70
14	Western diet induces Paneth cell defects through microbiome alterations and farnesoid X receptor and type I interferon activation. <i>Cell Host and Microbe</i> , 2021, 29, 988-1001.e6.	11.0	69
15	Intestinal Neurogenin 3 directs differentiation of a bipotential secretory progenitor to endocrine cell rather than goblet cell fate. <i>Developmental Biology</i> , 2007, 309, 298-305.	2.0	64
16	Interaction between smoking and ATG16L1T300A triggers Paneth cell defects in Crohn's disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 5110-5122.	8.2	53
17	Temporal Regulation of the Bacterial Metabolite Deoxycholate during Colonic Repair Is Critical for Crypt Regeneration. <i>Cell Host and Microbe</i> , 2018, 24, 353-363.e5.	11.0	46
18	LRRK2 but not ATG16L1 is associated with Paneth cell defect in Japanese Crohn's disease patients. <i>JCI Insight</i> , 2017, 2, e91917.	5.0	46

#	ARTICLE	IF	CITATIONS
19	PAI-1 augments mucosal damage in colitis. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	44
20	Monoclonal Antibodies to Intracellular Stages of <i>Cryptosporidium parvum</i> Define Life Cycle Progression <i>In Vitro</i> . <i>MSphere</i> , 2018, 3, .	2.9	31
21	Patient-derived small intestinal myofibroblasts direct perfused, physiologically responsive capillary development in a microfluidic Gut-on-a-Chip Model. <i>Scientific Reports</i> , 2020, 10, 3842.	3.3	29
22	Neonatal Mouse Gut Metabolites Influence <i>Cryptosporidium parvum</i> Infection in Intestinal Epithelial Cells. <i>MBio</i> , 2020, 11, .	4.1	19
23	Overexpression of sICAM-1 in the Alveolar Epithelial Space Results in an Exaggerated Inflammatory Response and Early Death in Gram Negative Pneumonia. <i>Respiratory Research</i> , 2011, 12, 12.	3.6	18
24	Ileal Gene Expression Data from Crohn's Disease Small Bowel Resections Indicate Distinct Clinical Subgroups. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1055-1066.	1.3	14
25	The Promise of Patient-Derived Colon Organoids to Model Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 299-308.	1.9	8
26	Epithelial Cell Biomarkers Are Predictive of Response to Biologic Agents in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 677-685.	1.9	5
27	Forward Genetics in <i>Cryptosporidium</i> ; Enabled by Complete <i>In Vitro</i> Development in Stem Cell-Derived Intestinal Epithelium. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
28	Notch signaling regulates proliferation and differentiation of the intestinal crypt base columnar (CBC) stem cell. <i>FASEB Journal</i> , 2012, 26, 1160.2.	0.5	0