

# Kristen A Engevik

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,102  
citations

430874

18  
h-index

526287

27  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trefoil Factor Peptides and Gastrointestinal Function. <i>Annual Review of Physiology</i> , 2017, 79, 357-380.	13.1	130
2	Human <i>Clostridium difficile</i> infection: altered mucus production and composition. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G510-G524.	3.4	105
3	<i>Fusobacterium nucleatum</i> Secretes Outer Membrane Vesicles and Promotes Intestinal Inflammation. <i>MBio</i> , 2021, 12, .	4.1	101
4	Microbial Metabolic Capacity for Intestinal Folate Production and Modulation of Host Folate Receptors. <i>Frontiers in Microbiology</i> , 2019, 10, 2305.	3.5	95
5	Human <i>Clostridium difficile</i> infection: inhibition of NHE3 and microbiota profile. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G497-G509.	3.4	84
6	The Development of Spasmolytic Polypeptide/TFF2-Expressing Metaplasia (SPEM) During Gastric Repair Is Absent in the Aged Stomach. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 605-624.	4.5	79
7	Rotavirus induces intercellular calcium waves through ADP signaling. <i>Science</i> , 2020, 370, .	12.6	44
8	Rotavirus infection induces glycan availability to promote ileum-specific changes in the microbiome aiding rotavirus virulence. <i>Gut Microbes</i> , 2020, 11, 1324-1347.	9.8	43
9	Epithelial Regeneration After Gastric Ulceration Causes Prolonged Cell-Type Alterations. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 625-647.	4.5	41
10	<i>Bifidobacterium dentium</i> -derived $\gamma$ -glutamylcysteine suppresses ER-mediated goblet cell stress and reduces TNBS-driven colonic inflammation. <i>Gut Microbes</i> , 2021, 13, 1-21.	9.8	41
11	<i>Bacteroides ovatus</i> colonization influences the abundance of intestinal short chain fatty acids and neurotransmitters. <i>Science</i> , 2022, 25, 104158.	4.1	41
12	Mucin-Degrading Microbes Release Monosaccharides That Chemoattract <i>Clostridioides difficile</i> and Facilitate Colonization of the Human Intestinal Mucus Layer. <i>ACS Infectious Diseases</i> , 2021, 7, 1126-1142.	3.8	39
13	<i>Bacteroides ovatus</i> Promotes IL-22 Production and Reduces Trinitrobenzene Sulfonic Acid-Driven Colonic Inflammation. <i>American Journal of Pathology</i> , 2021, 191, 704-719.	3.8	39
14	Immunomodulation of dendritic cells by <i>Lactobacillus reuteri</i> surface components and metabolites. <i>Physiological Reports</i> , 2021, 9, e14719.	1.7	37
15	Trefoil factor 2 activation of CXCR4 requires calcium mobilization to drive epithelial repair in gastric organoids. <i>Journal of Physiology</i> , 2019, 597, 2673-2690.	2.9	23
16	Human intestinal enteroids as a model of <i>Clostridioides difficile</i> -induced enteritis. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G870-G888.	3.4	23
17	<i>Helicobacter pylori</i> Uses the TlpB Receptor To Sense Sites of Gastric Injury. <i>Infection and Immunity</i> , 2019, 87, .	2.2	22
18	Cell injury triggers actin polymerization initiating epithelial restitution. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	20

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19	Organoids as a Model to Study Infectious Disease. <i>Methods in Molecular Biology</i> , 2018, 1734, 71-81.	0.9	18
20	Enhancing responsiveness of human jejunal enteroids to host and microbial stimuli. <i>Journal of Physiology</i> , 2020, 598, 3085-3105.	2.9	17
21	Neurotransmitter Profiles Are Altered in the Gut and Brain of Mice Mono-Associated with <i>Bifidobacterium dentium</i> . <i>Biomolecules</i> , 2021, 11, 1091.	4.0	17
22	Deficient Active Transport Activity in Healing Mucosa After Mild Gastric Epithelial Damage. <i>Digestive Diseases and Sciences</i> , 2020, 65, 119-131.	2.3	14
23	The metabolic profile of <i>Bifidobacterium dentium</i> reflects its status as a human gut commensal. <i>BMC Microbiology</i> , 2021, 21, 154.	3.3	13
24	Multiple calcium sources are required for intracellular calcium mobilization during gastric organoid epithelial repair. <i>Physiological Reports</i> , 2020, 8, e14384.	1.7	9
25	Extracting Insights From Temporal Data by Integrating Dynamic Modeling and Machine Learning. <i>Frontiers in Physiology</i> , 2020, 11, 1012.	2.8	5
26	Partners in Infectious Disease: When Microbes Facilitate Enteric Viral Infections. <i>Gastroenterology Insights</i> , 2021, 12, 41-55.	1.2	1
27	Transplantation of Gastric Organoid-Derived Spasmolytic Polypeptide/TFF2-Expressing Metaplasia (SPEM) Cell Lineage Promotes Ulcer Repair in the Aged Stomach. <i>FASEB Journal</i> , 2015, 29, 849.4.	0.5	1
28	Mo1670 Role for Differences in TLR Expression in the Clearance of <i>Clostridium difficile</i> Infections. <i>Gastroenterology</i> , 2016, 150, S748.	1.3	0
29	807 - TFF2 Drives Calcium Mobilization and Epithelial Repair in Gastric Organoids. <i>Gastroenterology</i> , 2018, 154, S-165-S-166.	1.3	0
30	<i>Clostridioides difficile</i> is Chemoattracted to Oligosaccharides Released by Mucin-Degrading Microbes. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
31	<i>Bacteroides ovatus</i> Influences the Levels of Intestinal Neurotransmitters in a Gnotobiotic Model. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
32	Exploring the interaction between rotavirus and <i>Lactobacillus</i> . <i>FASEB Journal</i> , 2021, 35, .	0.5	0
33	Development of a high-throughput method for examining bacterial supernatant pH using ratiometric UV-VIS spectrophotometry. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
34	Effect of EGFR on Calcium Mobilization and Epithelial Repair in Gastric Organoids. <i>FASEB Journal</i> , 2018, 32, 612.3.	0.5	0
35	Effect of <i>Helicobacter pylori</i> chemotaxis on gastric epithelial repair. <i>FASEB Journal</i> , 2019, 33, 869.19.	0.5	0
36	During Ca <sup>2+</sup> -dependent gastric epithelial repair, Ca <sup>2+</sup> is sourced from both Ca <sup>2+</sup> uptake and intracellular Ca <sup>2+</sup> release. <i>FASEB Journal</i> , 2019, 33, 869.18.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Elucidating the Role of Purinergic and Calcium Signaling During Rotavirus Infection. FASEB Journal, 2020, 34, 1-1.	0.5	0
38	1142 MICROBIAL DEGRADATION OF ILEAL MUCUS PROMOTES ROTAVIRUS INFECTION. Gastroenterology, 2020, 158, S-226-S-227.	1.3	0
39	Dysregulation of Endogenous and Paracrine Calcium Signaling Pathways by Rotaviruses and Caliciviruses. FASEB Journal, 2020, 34, 1-1.	0.5	0
40	Rotavirus infection elicits host responses and amplifies viral replication via P2Y1 purinergic signaling. FASEB Journal, 2022, 36, .	0.5	0
41	Intermicrovillar adhesion complex assembly requires Myosin 5b. FASEB Journal, 2022, 36, .	0.5	0