

# James M Fleckenstein

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,930  
citations

168829

31  
h-index

198040

52  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2635  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enterotoxigenic <i>Escherichia coli</i> Degrades the Host MUC2 Mucin Barrier To Facilitate Critical Pathogen-Enterocyte Interactions in Human Small Intestine. <i>Infection and Immunity</i> , 2022, 90, IAI0057221.	1.0	16
2	Hypoxia inhibits colonic uptake of the microbiota-generated forms of vitamin B1 via HIF-1 $\alpha$ -mediated transcriptional regulation of their transporters. <i>Journal of Biological Chemistry</i> , 2022, , 101562.	1.6	5
3	Acute Bacterial Gastroenteritis. <i>Gastroenterology Clinics of North America</i> , 2021, 50, 283-304.	1.0	11
4	Contribution of Noncanonical Antigens to Virulence and Adaptive Immunity in Human Infection with Enterotoxigenic <i>E. coli</i> . <i>Infection and Immunity</i> , 2021, 89, .	1.0	15
5	Vaccines for Protecting Infants from Bacterial Causes of Diarrheal Disease. <i>Microorganisms</i> , 2021, 9, 1382.	1.6	23
6	Emerging Themes in the Molecular Pathogenesis of Enterotoxigenic <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2021, , .	1.9	5
7	Effect of chronic alcohol exposure on gut vitamin B7 uptake: involvement of epigenetic mechanisms and effect of alcohol metabolites. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G123-G133.	1.6	8
8	Confronting Challenges to Enterotoxigenic <i>Escherichia coli</i> Vaccine Development. <i>Frontiers in Tropical Diseases</i> , 2021, 2, .	0.5	19
9	CEACAMs serve as toxin-stimulated receptors for enterotoxigenic <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29055-29062.	3.3	21
10	Phosphodiesterase 5 (PDE5) restricts intracellular cGMP accumulation during enterotoxigenic <i>Escherichia coli</i> infection. <i>Gut Microbes</i> , 2020, 12, 1752125.	4.3	14
11	Mechanical Stimuli Affect <i>Escherichia coli</i> Heat-Stable Enterotoxin-Cyclic GMP Signaling in a Human Enteroid Intestine-Chip Model. <i>Infection and Immunity</i> , 2020, 88, .	1.0	32
12	Interrogation of a live-attenuated enterotoxigenic <i>Escherichia coli</i> vaccine highlights features unique to wild-type infection. <i>Npj Vaccines</i> , 2019, 4, 37.	2.9	26
13	Enterotoxigenic <i>Escherichia coli</i> Infections. <i>Current Infectious Disease Reports</i> , 2019, 21, 9.	1.3	62
14	How genomics can be used to understand host susceptibility to enteric infection, aiding in the development of vaccines and immunotherapeutic interventions. <i>Vaccine</i> , 2019, 37, 4805-4810.	1.7	9
15	Comparative genomic analysis and molecular examination of the diversity of enterotoxigenic <i>Escherichia coli</i> isolates from Chile. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007828.	1.3	17
16	Conservation and global distribution of non-canonical antigens in Enterotoxigenic <i>Escherichia coli</i> . <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007825.	1.3	27
17	A Role for Salivary Peptides in the Innate Defense Against Enterotoxigenic <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , 2018, 217, 1435-1441.	1.9	13
18	Human Experimental Challenge With Enterotoxigenic <i>Escherichia coli</i> Elicits Immune Responses to Canonical and Novel Antigens Relevant to Vaccine Development. <i>Journal of Infectious Diseases</i> , 2018, 218, 1436-1446.	1.9	40

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19	Molecular Determinants of Enterotoxigenic <i>Escherichia coli</i> Heat-Stable Toxin Secretion and Delivery. <i>Infection and Immunity</i> , 2018, 86, .	1.0	20
20	Enterotoxigenic <i>Escherichia coli</i> blood group A interactions intensify diarrheal severity. <i>Journal of Clinical Investigation</i> , 2018, 128, 3298-3311.	3.9	45
21	Characterization of enterotoxigenic <i>Escherichia coli</i> strains isolated from the massive multi-pathogen gastroenteritis outbreak in the Antofagasta region following the Chilean earthquake, 2010. <i>Infection, Genetics and Evolution</i> , 2017, 52, 26-29.	1.0	8
22	Providing Structure to Enterotoxigenic <i>Escherichia coli</i> Vaccine Development. <i>Journal of Infectious Diseases</i> , 2017, 216, 1-3.	1.9	7
23	Insights into enterotoxigenic <i>Escherichia coli</i> diversity in Bangladesh utilizing genomic epidemiology. <i>Scientific Reports</i> , 2017, 7, 3402.	1.6	33
24	Comparative genomics and transcriptomics of <i>Escherichia coli</i> isolates carrying virulence factors of both enteropathogenic and enterotoxigenic <i>E. coli</i> . <i>Scientific Reports</i> , 2017, 7, 3513.	1.6	45
25	Highly conserved type 1 pili promote enterotoxigenic <i>E. coli</i> pathogen-host interactions. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005586.	1.3	42
26	Immunogenicity and Protective Efficacy against Enterotoxigenic <i>Escherichia coli</i> Colonization following Intradermal, Sublingual, or Oral Vaccination with EtpA Adhesin. <i>Vaccine Journal</i> , 2016, 23, 628-637.	3.2	24
27	Blood Group O-Dependent Cellular Responses to Cholera Toxin: Parallel Clinical and Epidemiological Links to Severe Cholera. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 440-443.	0.6	38
28	Overcoming Enterotoxigenic <i>Escherichia coli</i> Pathogen Diversity: Translational Molecular Approaches to Inform Vaccine Design. <i>Methods in Molecular Biology</i> , 2016, 1403, 363-383.	0.4	9
29	Dynamic Interactions of a Conserved Enterotoxigenic <i>Escherichia coli</i> Adhesin with Intestinal Mucins Govern Epithelium Engagement and Toxin Delivery. <i>Infection and Immunity</i> , 2016, 84, 3608-3617.	1.0	25
30	Examination of the Enterotoxigenic <i>Escherichia coli</i> Population Structure during Human Infection. <i>MBio</i> , 2015, 6, e00501.	1.8	39
31	Conservation and Immunogenicity of Novel Antigens in Diverse Isolates of Enterotoxigenic <i>Escherichia coli</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003446.	1.3	60
32	Novel antigens for enterotoxigenic <i>Escherichia coli</i> vaccines. <i>Expert Review of Vaccines</i> , 2014, 13, 631-639.	2.0	54
33	Contribution of the Highly Conserved EaeH Surface Protein to Enterotoxigenic <i>Escherichia coli</i> Pathogenesis. <i>Infection and Immunity</i> , 2014, 82, 3657-3666.	1.0	31
34	Designing Vaccines to Neutralize Effective Toxin Delivery by Enterotoxigenic <i>Escherichia coli</i> . <i>Toxins</i> , 2014, 6, 1799-1812.	1.5	10
35	EatA, an Immunogenic Protective Antigen of Enterotoxigenic <i>Escherichia coli</i> , Degrades Intestinal Mucin. <i>Infection and Immunity</i> , 2014, 82, 500-508.	1.0	95
36	Enterotoxigenic <i>Escherichia coli</i> Secretes a Highly Conserved Mucin-Degrading Metalloprotease To Effectively Engage Intestinal Epithelial Cells. <i>Infection and Immunity</i> , 2014, 82, 509-521.	1.0	109

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37	Escherichia coli Sequence Type 131 (ST131) Subclone H30 as an Emergent Multidrug-Resistant Pathogen Among US Veterans. <i>Clinical Infectious Diseases</i> , 2013, 57, 1256-1265.	2.9	167
38	Enterotoxigenic Escherichia coli. , 2013, , 183-213.		3
39	Enterotoxigenic Escherichia coli. <i>Gut Microbes</i> , 2013, 4, 392-396.	4.3	23
40	Transcriptional Modulation of Enterotoxigenic Escherichia coli Virulence Genes in Response to Epithelial Cell Interactions. <i>Infection and Immunity</i> , 2013, 81, 259-270.	1.0	61
41	Cooperative Role of Antibodies against Heat-Labile Toxin and the EtpA Adhesin in Preventing Toxin Delivery and Intestinal Colonization by Enterotoxigenic Escherichia coli. <i>Vaccine Journal</i> , 2012, 19, 1603-1608.	3.2	29
42	Adhesin Degradation Accelerates Delivery of Heat-labile Toxin by Enterotoxigenic Escherichia coli. <i>Journal of Biological Chemistry</i> , 2011, 286, 29771-29779.	1.6	41
43	Outer Membrane Vesicles Induce Immune Responses to Virulence Proteins and Protect against Colonization by Enterotoxigenic Escherichia coli. <i>Vaccine Journal</i> , 2011, 18, 1803-1808.	3.2	74
44	Directed Evaluation of Enterotoxigenic Escherichia coli Autotransporter Proteins as Putative Vaccine Candidates. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1428.	1.3	34
45	Molecular mechanisms of enterotoxigenic Escherichia coli infection. <i>Microbes and Infection</i> , 2010, 12, 89-98.	1.0	248
46	Lingual Leishmaniasis Complicating Visceral Disease. <i>Journal of Travel Medicine</i> , 2010, 17, 212-214.	1.4	5
47	Enterotoxigenic Escherichia coli Elicits Immune Responses to Multiple Surface Proteins. <i>Infection and Immunity</i> , 2010, 78, 3027-3035.	1.0	61
48	Infectious Agents of Food- and Water-Borne Illnesses. <i>American Journal of the Medical Sciences</i> , 2010, 340, 238-246.	0.4	12
49	Heat-Labile Enterotoxin Promotes Escherichia coli Adherence to Intestinal Epithelial Cells. <i>Journal of Bacteriology</i> , 2009, 191, 178-186.	1.0	79
50	Enterotoxigenic Escherichia coli EtpA mediates adhesion between flagella and host cells. <i>Nature</i> , 2009, 457, 594-598.	13.7	170
51	Purification of recombinant high molecular weight two-partner secretion proteins from Escherichia coli. <i>Nature Protocols</i> , 2009, 4, 1083-1092.	5.5	15
52	Vaccination with EtpA glycoprotein or flagellin protects against colonization with enterotoxigenic Escherichia coli in a murine model. <i>Vaccine</i> , 2009, 27, 4601-4608.	1.7	60
53	The EtpA Exoprotein of Enterotoxigenic Escherichia coli Promotes Intestinal Colonization and Is a Protective Antigen in an Experimental Model of Murine Infection. <i>Infection and Immunity</i> , 2008, 76, 2106-2112.	1.0	62
54	Directed delivery of heat-labile enterotoxin by enterotoxigenic Escherichia coli. <i>Cellular Microbiology</i> , 2006, 8, 1516-1527.	1.1	80

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55	Importance of Heat-Labile Enterotoxin in Colonization of the Adult Mouse Small Intestine by Human Enterotoxigenic Escherichia coli Strains. <i>Infection and Immunity</i> , 2006, 74, 869-875.	1.0	117
56	Identification of a Two-Partner Secretion Locus of Enterotoxigenic Escherichia coli. <i>Infection and Immunity</i> , 2006, 74, 2245-2258.	1.0	109
57	Identification and Molecular Characterization of EatA, an Autotransporter Protein of Enterotoxigenic Escherichia coli. <i>Infection and Immunity</i> , 2004, 72, 1786-1794.	1.0	114
58	Interaction of an Outer Membrane Protein of Enterotoxigenic Escherichia coli with Cell Surface Heparan Sulfate Proteoglycans. <i>Infection and Immunity</i> , 2002, 70, 1530-1537.	1.0	52
59	Breaching the mucosal barrier by stealth: an emerging pathogenic mechanism for enteroadherent bacterial pathogens. <i>Journal of Clinical Investigation</i> , 2001, 107, 27-30.	3.9	44
60	Identification of a Gene within a Pathogenicity Island of Enterotoxigenic Escherichia coli H10407 Required for Maximal Secretion of the Heat-Labile Enterotoxin. <i>Infection and Immunity</i> , 2000, 68, 2766-2774.	1.0	77
61	Incidental Discovery of Emphysematous Cystitis. <i>Southern Medical Journal</i> , 1998, 91, 785-786.	0.3	11
62	Molecular characterization of the tia invasion locus from enterotoxigenic Escherichia coli. <i>Infection and Immunity</i> , 1996, 64, 2256-2265.	1.0	119
63	Cryptococcal Skull Infection. <i>Neurosurgery</i> , 1993, 32, 1034-1036.	0.6	1