James M Fleckenstein

List of Publications by Year
in descending order

63	2,930	147786	175241
papers	citations	31 h-index	52 g-index

70	70	70	2440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enterotoxigenic Escherichia coli Degrades the Host MUC2 Mucin Barrier To Facilitate Critical Pathogen-Enterocyte Interactions in Human Small Intestine. Infection and Immunity, 2022, 90, IAI0057221.	2.2	16
2	Hypoxia inhibits colonic uptake of the microbiota-generated forms of vitamin B1 via HIF-1Î±-mediated transcriptional regulation of their transporters. Journal of Biological Chemistry, 2022, , 101562.	3.4	5
3	Acute Bacterial Gastroenteritis. Gastroenterology Clinics of North America, 2021, 50, 283-304.	2.2	11
4	Contribution of Noncanonical Antigens to Virulence and Adaptive Immunity in Human Infection with Enterotoxigenic E. coli. Infection and Immunity, 2021, 89, .	2.2	15
5	Vaccines for Protecting Infants from Bacterial Causes of Diarrheal Disease. Microorganisms, 2021, 9, 1382.	3.6	23
6	Emerging Themes in the Molecular Pathogenesis of Enterotoxigenic Escherichia coli. Journal of Infectious Diseases, 2021, , .	4.0	5
7	Effect of chronic alcohol exposure on gut vitamin B7 uptake: involvement of epigenetic mechanisms and effect of alcohol metabolites. American Journal of Physiology - Renal Physiology, 2021, 321, G123-G133.	3.4	8
8	Confronting Challenges to Enterotoxigenic Escherichia coli Vaccine Development. Frontiers in Tropical Diseases, 2021, 2, .	1.4	19
9	CEACAMs serve as toxin-stimulated receptors for enterotoxigenic Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29055-29062.	7.1	21
10	Phosphodiesterase 5 (PDE5) restricts intracellular cGMP accumulation during enterotoxigenic Escherichia coli infection. Gut Microbes, 2020, 12, 1752125.	9.8	14
11	Mechanical Stimuli Affect Escherichia coli Heat-Stable Enterotoxin-Cyclic GMP Signaling in a Human Enteroid Intestine-Chip Model. Infection and Immunity, 2020, 88, .	2.2	32
12	Interrogation of a live-attenuated enterotoxigenic Escherichia coli vaccine highlights features unique to wild-type infection. Npj Vaccines, 2019, 4, 37.	6.0	26
13	Enterotoxigenic Escherichia coli Infections. Current Infectious Disease Reports, 2019, 21, 9.	3.0	62
14	How genomics can be used to understand host susceptibility to enteric infection, aiding in the development of vaccines and immunotherapeutic interventions. Vaccine, 2019, 37, 4805-4810.	3.8	9
15	Comparative genomic analysis and molecular examination of the diversity of enterotoxigenic Escherichia coli isolates from Chile. PLoS Neglected Tropical Diseases, 2019, 13, e0007828.	3.0	17
16	Conservation and global distribution of non-canonical antigens in Enterotoxigenic Escherichia coli. PLoS Neglected Tropical Diseases, 2019, 13, e0007825.	3.0	27
17	A Role for Salivary Peptides in the Innate Defense Against Enterotoxigenic Escherichia coli. Journal of Infectious Diseases, 2018, 217, 1435-1441.	4.0	13
18	Human Experimental Challenge With Enterotoxigenic Escherichia coli Elicits Immune Responses to Canonical and Novel Antigens Relevant to Vaccine Development. Journal of Infectious Diseases, 2018, 218, 1436-1446.	4.0	40

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19	Molecular Determinants of Enterotoxigenic Escherichia coli Heat-Stable Toxin Secretion and Delivery. Infection and Immunity, 2018, 86, .	2.2	20
20	Enterotoxigenic Escherichia coliâ€“blood group A interactions intensify diarrheal severity. Journal of Clinical Investigation, 2018, 128, 3298-3311.	8.2	45
21	Characterization of enterotoxigenic Escherichia coli strains isolated from the massive multi-pathogen gastroenteritis outbreak in the Antofagasta region following the Chilean earthquake, 2010. Infection, Genetics and Evolution, 2017, 52, 26-29.	2.3	8
22	Providing Structure to Enterotoxigenic Escherichia coli Vaccine Development. Journal of Infectious Diseases, 2017, 216, 1-3.	4.0	7
23	Insights into enterotoxigenic Escherichia coli diversity in Bangladesh utilizing genomic epidemiology. Scientific Reports, 2017, 7, 3402.	3.3	33
24	Comparative genomics and transcriptomics of Escherichia coli isolates carrying virulence factors of both enteropathogenic and enterotoxigenic E. coli. Scientific Reports, 2017, 7, 3513.	3.3	45
25	Highly conserved type 1 pili promote enterotoxigenic E. coli pathogen-host interactions. PLoS Neglected Tropical Diseases, 2017, 11, e0005586.	3.0	42
26	Immunogenicity and Protective Efficacy against Enterotoxigenic Escherichia coli Colonization following Intradermal, Sublingual, or Oral Vaccination with EtpA Adhesin. Vaccine Journal, 2016, 23, 628-637.	3.1	24
27	Blood Group Oâ€“Dependent Cellular Responses to Cholera Toxin: Parallel Clinical and Epidemiological Links to Severe Cholera. American Journal of Tropical Medicine and Hygiene, 2016, 95, 440-443.	1.4	38
28	Overcoming Enterotoxigenic Escherichia coli Pathogen Diversity: Translational Molecular Approaches to Inform Vaccine Design. Methods in Molecular Biology, 2016, 1403, 363-383.	0.9	9
29	Dynamic Interactions of a Conserved Enterotoxigenic Escherichia coli Adhesin with Intestinal Mucins Govern Epithelium Engagement and Toxin Delivery. Infection and Immunity, 2016, 84, 3608-3617.	2.2	25
30	Examination of the Enterotoxigenic Escherichia coli Population Structure during Human Infection. MBio, 2015, 6, e00501.	4.1	39
31	Conservation and Immunogenicity of Novel Antigens in Diverse Isolates of Enterotoxigenic Escherichia coli. PLoS Neglected Tropical Diseases, 2015, 9, e0003446.	3.0	60
32	Novel antigens for enterotoxigenicEscherichia colivaccines. Expert Review of Vaccines, 2014, 13, 631-639.	4.4	54
33	Contribution of the Highly Conserved EaeH Surface Protein to Enterotoxigenic Escherichia coli Pathogenesis. Infection and Immunity, 2014, 82, 3657-3666.	2.2	31
34	Designing Vaccines to Neutralize Effective Toxin Delivery by Enterotoxigenic Escherichia coli. Toxins, 2014, 6, 1799-1812.	3.4	10
35	EatA, an Immunogenic Protective Antigen of Enterotoxigenic Escherichia coli, Degrades Intestinal Mucin. Infection and Immunity, 2014, 82, 500-508.	2.2	95
36	Enterotoxigenic Escherichia coli Secretes a Highly Conserved Mucin-Degrading Metalloprotease To Effectively Engage Intestinal Epithelial Cells. Infection and Immunity, 2014, 82, 509-521.	2.2	109

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37	Escherichia coli Sequence Type 131 (ST131) Subclone H30 as an Emergent Multidrug-Resistant Pathogen Among US Veterans. Clinical Infectious Diseases, 2013, 57, 1256-1265.	5.8	167
38	Enterotoxigenic Escherichia coli. , 2013, , 183-213.		3
39	EnterotoxigenicEscherichia coli. Gut Microbes, 2013, 4, 392-396.	9.8	23
40	Transcriptional Modulation of Enterotoxigenic Escherichia coli Virulence Genes in Response to Epithelial Cell Interactions. Infection and Immunity, 2013, 81, 259-270.	2.2	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. Vaccine Journal, 2012, 19, 1603-1608.	3.1	29
42	Adhesin Degradation Accelerates Delivery of Heat-labile Toxin by Enterotoxigenic Escherichia coli. Journal of Biological Chemistry, 2011, 286, 29771-29779.	3.4	41
43	Outer Membrane Vesicles Induce Immune Responses to Virulence Proteins and Protect against Colonization by Enterotoxigenic Escherichia coli. Vaccine Journal, 2011, 18, 1803-1808.	3.1	74
44	Directed Evaluation of Enterotoxigenic Escherichia coli Autotransporter Proteins as Putative Vaccine Candidates. PLoS Neglected Tropical Diseases, 2011, 5, e1428.	3.0	34
45	Molecular mechanisms of enterotoxigenic Escherichia coli infection. Microbes and Infection, 2010, 12, 89-98.	1.9	248
46	Lingual Leishmaniasis Complicating Visceral Disease. Journal of Travel Medicine, 2010, 17, 212-214.	3.0	5
47	Enterotoxigenic Escherichia coli Elicits Immune Responses to Multiple Surface Proteins. Infection and Immunity, 2010, 78, 3027-3035.	2.2	61
48	Infectious Agents of Food- and Water-Borne Illnesses. American Journal of the Medical Sciences, 2010, 340, 238-246.	1.1	12
49	Heat-Labile Enterotoxin Promotes Escherichia coli Adherence to Intestinal Epithelial Cells. Journal of Bacteriology, 2009, 191, 178-186.	2.2	79
50	Enterotoxigenic Escherichia coli EtpA mediates adhesion between flagella and host cells. Nature, 2009, 457, 594-598.	27.8	170
51	Purification of recombinant high molecular weight two-partner secretion proteins from Escherichia coli. Nature Protocols, 2009, 4, 1083-1092.	12.0	15
52	Vaccination with EtpA glycoprotein or flagellin protects against colonization with enterotoxigenic Escherichia coli in a murine model. Vaccine, 2009, 27, 4601-4608.	3.8	60
53	The EtpA Exoprotein of Enterotoxigenic Escherichia coli Promotes Intestinal Colonization and Is a Protective Antigen in an Experimental Model of Murine Infection. Infection and Immunity, 2008, 76, 2106-2112.	2.2	62
54	Directed delivery of heat-labile enterotoxin by enterotoxigenic Escherichia coli. Cellular Microbiology, 2006, 8, 1516-1527.	2.1	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. Infection and Immunity, 2006, 74, 869-875.	2.2	117
56	Identification of a Two-Partner Secretion Locus of Enterotoxigenic Escherichia coli. Infection and Immunity, 2006, 74, 2245-2258.	2.2	109
57	Identification and Molecular Characterization of EatA, an Autotransporter Protein of Enterotoxigenic Escherichia coli. Infection and Immunity, 2004, 72, 1786-1794.	2.2	114
58	Interaction of an Outer Membrane Protein of Enterotoxigenic Escherichia coli with Cell Surface Heparan Sulfate Proteoglycans. Infection and Immunity, 2002, 70, 1530-1537.	2.2	52
59	Breaching the mucosal barrier by stealth: an emerging pathogenic mechanism for enteroadherent bacterial pathogens. Journal of Clinical Investigation, 2001, 107, 27-30.	8.2	44
60	Identification of a Gene within a Pathogenicity Island of Enterotoxigenic Escherichia coli H10407 Required for Maximal Secretion of the Heat-Labile Enterotoxin. Infection and Immunity, 2000, 68, 2766-2774.	2.2	77
61	Incidental Discovery of Emphysematous Cystitis. Southern Medical Journal, 1998, 91, 785-786.	0.7	11
62	Molecular characterization of the tia invasion locus from enterotoxigenic Escherichia coli. Infection and Immunity, 1996, 64, 2256-2265.	2.2	119
63	Cryptococcal Skull Infection. Neurosurgery, 1993, 32, 1034???1036.	1.1	1