Stephanie SchÃ¼ller

List of Publications by Year
in descending order

40 papers	1,911 citations	293460 24 h-index	340414 39 g-index
42 all docs	42 docs citations	42 times ranked	2187 citing authors

#	Article	IF	Citations
1	Development of a novel human intestinal model to elucidate the effect of anaerobic commensals on Escherichia coli infection. DMM Disease Models and Mechanisms, 2022, 15, .	1.2	5
2	Determining Shiga Toxin-Producing Escherichia coli Interactions with Human Intestinal Epithelium in a Microaerobic Vertical Diffusion Chamber. Methods in Molecular Biology, 2021, 2291, 273-283.	0.4	2
3	Systematic Deletion of Type III Secretion System Effectors in Enteropathogenic E. coli Unveils the Role of Non-LEE Effectors in A/E Lesion Formation. , 2020, , .		1
4	Identification and characterisation of enteroaggregative Escherichia coli subtypes associated with human disease. Scientific Reports, 2020, 10, 7475.	1.6	23
5	A nanobody targeting the translocated intimin receptor inhibits the attachment of enterohemorrhagic E. coli to human colonic mucosa. PLoS Pathogens, 2019, 15, e1008031.	2.1	22
6	Oxygen and contact with human intestinal epithelium independently stimulate virulence gene expression in enteroaggregativeEscherichia coli. Cellular Microbiology, 2019, 21, e13012.	1.1	6
7	Experimental models to study intestinal microbesâ€“mucus interactions in health and disease. FEMS Microbiology Reviews, 2019, 43, 457-489.	3.9	114
8	Probing Clostridium difficile Infection in Complex Human Gut Cellular Models. Frontiers in Microbiology, 2019, 10, 879.	1.5	22
9	The impact of the colonic milieu on enterohaemorrhagic E. coli outer membrane vesicle production. Access Microbiology, 2019, 1, .	0.2	1
10	Intestinal Colonization Traits of Pandemic Multidrug-Resistant Escherichia coli ST131. Journal of Infectious Diseases, 2018, 218, 979-990.	1.9	42
11	Modulation of Enterohaemorrhagic Escherichia coli Survival and Virulence in the Human Gastrointestinal Tract. Microorganisms, 2018, 6, 115.	1.6	40
12	Shiga toxin 2 translocation across intestinal epithelium is linked to virulence of Shiga toxin-producing Escherichia coli in humans. Microbiology (United Kingdom), 2018, 164, 509-516.	0.7	11
13	The StcE metalloprotease of enterohaemorrhagicEscherichia colireduces the inner mucus layer and promotes adherence to human colonic epitheliumex vivo. Cellular Microbiology, 2017, 19, e12717.	1.1	58
14	Attaching and effacing (A/E) lesion formation by enteropathogenic E. coli on human intestinal mucosa is dependent on non-LEE effectors. PLoS Pathogens, 2017, 13, e1006706.	2.1	49
15	Flagellin Induces Î²-Defensin 2 in Human Colonic Ex vivo Infection with Enterohemorrhagic Escherichia coli. Frontiers in Cellular and Infection Microbiology, 2016, 6, 68.	1.8	22
16	Lactobacillus reuteri Inhibition of Enteropathogenic Escherichia coli Adherence to Human Intestinal Epithelium. Frontiers in Microbiology, 2016, 7, 244.	1.5	69
17	Enterohemorrhagic Escherichia coli Colonization of Human Colonic EpitheliumIn VitroandEx Vivo. Infection and Immunity, 2015, 83, 942-949.	1.0	48
18	Shiga toxin production and translocation during microaerobic human colonic infection with<scp>S</scp>higa toxinâ€producing<scp>E</scp>.â€‰coliâ€…<scp>O157:H7</scp>and<scp>O104:H4</scp>. Cellular Microbiology, 2014, 16, 1255-1266.	1.1	44

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19	Human Intestinal InÂVitro Organ Culture as a Model for Investigation of Bacteriaâ€“Host Interactions. Journal of Experimental and Clinical Medicine, 2013, 5, 43-50.	0.2	7
20	Shiga Toxin Interaction with Human Intestinal Epithelium. Toxins, 2011, 3, 626-639.	1.5	99
21	Dissecting the role of the Tir:Nck and Tir:IRTKS/IRSp53 signalling pathways in vivo. Molecular Microbiology, 2010, 75, 308-323.	1.2	51
22	Microaerobic conditions enhance type III secretion and adherence of enterohaemorrhagic Escherichia coli to polarized human intestinal epithelial cells. Environmental Microbiology, 2010, 12, 2426-2435.	1.8	54
23	Theex vivoresponse of human intestinal mucosa to enteropathogenicEscherichia coliinfection. Cellular Microbiology, 2009, 11, 521-530.	1.1	54
24	The Escherichia coli Common Pilus and the Bundle-Forming Pilus Act in Concert during the Formation of Localized Adherence by Enteropathogenic E. coli. Journal of Bacteriology, 2009, 191, 3451-3461.	1.0	78
25	Cortactin Recruitment by Enterohemorrhagic Escherichia coli O157:H7 during Infection In Vitro and Ex Vivo. Infection and Immunity, 2008, 76, 4669-4676.	1.0	11
26	Enteropathogenic Escherichia coli O125:H6 Triggers Attaching and Effacing Lesions on Human Intestinal Biopsy Specimens Independently of Nck and TccP/TccP2. Infection and Immunity, 2008, 76, 361-368.	1.0	37
27	Tir phosphorylation and Nck/N-WASP recruitment by enteropathogenic and enterohaemorrhagic Escherichia coli during ex vivo colonization of human intestinal mucosa is different to cell culture models. Cellular Microbiology, 2007, 9, 1352-1364.	1.1	49
28	A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host bactericidal immune responses to Campylobacter jejuni. Cellular Microbiology, 2007, 9, 2404-2416.	1.1	95
29	A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host bactericidal immune responses to Campylobacter jejuni. Cellular Microbiology, 2007, 9, 2541-2541.	1.1	11
30	Shiga toxin binding in normal and inflamed human intestinal mucosa. Microbes and Infection, 2007, 9, 35-39.	1.0	58
31	Functional studies of intimin in vivo and ex vivo: implications for host specificity and tissue tropism. Microbiology (United Kingdom), 2007, 153, 959-967.	0.7	42
32	TccP2-mediated subversion of actin dynamics by EPEC 2 â€“ a distinct evolutionary lineage of enteropathogenic Escherichia coli. Microbiology (United Kingdom), 2007, 153, 1743-1755.	0.7	28
33	Involvement of MAP-kinases and -phosphatases in uptake and intracellular replication of Listeria monocytogenes in J774 macrophage cells. FEMS Microbiology Letters, 2006, 157, 131-136.	0.7	19
34	Potent diarrheagenic mechanism mediated by the cooperative action of three enteropathogenic Escherichia coli-injected effector proteins. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1876-1881.	3.3	109
35	Characterization of Two Non-Locus of Enterocyte Effacement-Encoded Type III-Translocated Effectors, NleC and NleD, in Attaching and Effacing Pathogens. Infection and Immunity, 2005, 73, 8411-8417.	1.0	59
36	Acetylated sialic acid residues and blood group antigens localise within the epithelium in microvillous atrophy indicating internal accumulation of the glycocalyx. Gut, 2004, 53, 1764-1771.	6.1	24

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37	TccP is an enterohaemorrhagic Escherichia coli O157:H7 type III effector protein that couples Tir to the actin-cytoskeleton+. Cellular Microbiology, 2004, 6, 1167-1183.	1.1	261
38	Interaction of Shiga toxin from Escherichia coli with human intestinal epithelial cell lines and explants: Stx2 induces epithelial damage in organ culture. Cellular Microbiology, 2004, 6, 289-301.	1.1	103
39	Coronin is involved in uptake of Mycobacterium bovis BCG in human macrophages but not in phagosome maintenance. Cellular Microbiology, 2001, 3, 785-793.	1.1	74
40	Suppression of major histocompatibility complex class I and class II gene expression inListeria monocytogenes-infected murine macrophages. FEMS Immunology and Medical Microbiology, 1998, 20, 289-299.	2.7	8