

# Gad Frankel

## List of Publications by Year in descending order

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271  
papers

19,041  
citations

12597

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18944

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g-index

278  
all docs

278  
docs citations

278  
times ranked

13921  
citing authors

#	ARTICLE	IF	CITATIONS
1	The metabolic impact of bacterial infection in the gut. FEBS Journal, 2023, 290, 3928-3945.	2.2	2
2	The type III secretion system effector network hypothesis. Trends in Microbiology, 2022, 30, 524-533.	3.5	21
3	Citrobacter rodentium Infection Induces Persistent Molecular Changes and Interferon Gamma-Dependent Major Histocompatibility Complex Class II Expression in the Colonic Epithelium. MBio, 2022, 13, e0323321.	1.8	3
4	Editorial overview: Host-microbe interactions: friends, foes and frenemies. Current Opinion in Microbiology, 2022, 65, viii-x.	2.3	1
5	Trained ILC3 responses promote intestinal defense. Science, 2022, 375, 859-863.	6.0	60
6	Flagellin outer domain dimerization modulates motility in pathogenic and soil bacteria from viscous environments. Nature Communications, 2022, 13, 1422.	5.8	10
7	EPEC-induced activation of the Ca <sup>2+</sup> transporter TRPV2 leads to pyroptotic cell death. Molecular Microbiology, 2022, 117, 480-492.	1.2	7
8	Detection of Salmonella Typhi in Bile by Quantitative Real-Time PCR. Microbiology Spectrum, 2022, 10, .	1.2	3
9	Mating pair stabilization mediates bacterial conjugation species specificity. Nature Microbiology, 2022, 7, 1016-1027.	5.9	43
10	Widespread emergence of OmpK36 loop 3 insertions among multidrug-resistant clones of Klebsiella pneumoniae. PLoS Pathogens, 2022, 18, e1010334.	2.1	16
11	Overview of the Effect of Citrobacter rodentium Infection on Host Metabolism and the Microbiota. Methods in Molecular Biology, 2021, 2291, 399-418.	0.4	5
12	Cryoelectron-microscopy structure of the enteropathogenic <i>Escherichia coli</i> type III secretion system EspA filament. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	12
13	Very long O-antigen chains of <i>Salmonella</i> Paratyphi A inhibit inflammasome activation and pyroptotic cell death. Cellular Microbiology, 2021, 23, e13306.	1.1	11
14	Type III secretion system effectors form robust and flexible intracellular virulence networks. Science, 2021, 371, .	6.0	50
15	Shigella-specific antibodies in the first year of life among Zambian infants: A longitudinal cohort study. PLoS ONE, 2021, 16, e0252222.	1.1	15
16	The type III secretion system effector EspO of enterohaemorrhagic <i>Escherichia coli</i> inhibits apoptosis through an interaction with HAX1. Cellular Microbiology, 2021, 23, e13366.	1.1	3
17	A systematic review of Sec24 cargo interactome. Traffic, 2021, 22, 412-424.	1.3	13
18	Type III secretion system effector subnetworks elicit distinct host immune responses to infection. Current Opinion in Microbiology, 2021, 64, 19-26.	2.3	3

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19	<i>Citrobacter amalonaticus</i> Inhibits the Growth of <i>Citrobacter rodentium</i> in the Gut Lumen. <i>MBio</i> , 2021, 12, e0241021.	1.8	9
20	<i>Citrobacter rodentium</i> induces rapid and unique metabolic and inflammatory responses in mice suffering from severe disease. <i>Cellular Microbiology</i> , 2020, 22, e13126.	1.1	22
21	Faecal neutrophil elastase-antiprotease balance reflects colitis severity. <i>Mucosal Immunology</i> , 2020, 13, 322-333.	2.7	29
22	Systematic Deletion of Type III Secretion System Effectors in Enteropathogenic <i>E. coli</i> Unveils the Role of Non-LEE Effectors in A/E Lesion Formation. , 2020, , .		1
23	Cryoelectron-Microscopic Structure of the pKpQIL Conjugative Pili from Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . <i>Structure</i> , 2020, 28, 1321-1328.e2.	1.6	26
24	Advances and Challenges in Studying Type III Secretion Effectors of Attaching and Effacing Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 337.	1.8	14
25	Vying for the control of inflammasomes: The cytosolic frontier of enteric bacterial pathogen-host interactions. <i>Cellular Microbiology</i> , 2020, 22, e13184.	1.1	17
26	Clustering of Tir during enteropathogenic <i>E. coli</i> infection triggers calcium influx-dependent pyroptosis in intestinal epithelial cells. <i>PLoS Biology</i> , 2020, 18, e3000986.	2.6	18
27	A nanobody targeting the translocated intimin receptor inhibits the attachment of enterohemorrhagic <i>E. coli</i> to human colonic mucosa. <i>PLoS Pathogens</i> , 2019, 15, e1008031.	2.1	22
28	OmpK36-mediated Carbapenem resistance attenuates ST258 <i>Klebsiella pneumoniae</i> in vivo. <i>Nature Communications</i> , 2019, 10, 3957.	5.8	82
29	<i>Citrobacter rodentium</i> -host-microbiota interactions: immunity, bioenergetics and metabolism. <i>Nature Reviews Microbiology</i> , 2019, 17, 701-715.	13.6	97
30	Determination of In Vivo Interactomes of Dot/Icm Type IV Secretion System Effectors by Tandem Affinity Purification. <i>Methods in Molecular Biology</i> , 2019, 1921, 289-303.	0.4	1
31	More than 18,000 effectors in the <i>Legionella</i> genus genome provide multiple, independent combinations for replication in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2265-2273.	3.3	164
32	Enteropathogenic <i>Escherichia coli</i> Stimulates Effector-Driven Rapid Caspase-4 Activation in Human Macrophages. <i>Cell Reports</i> , 2019, 27, 1008-1017.e6.	2.9	36
33	Intestinal Epithelial Cells and the Microbiome Undergo Swift Reprogramming at the Inception of Colonic <i>Citrobacter rodentium</i> Infection. <i>MBio</i> , 2019, 10, .	1.8	38
34	The <i>Legionella</i> effector LtpM is a new type of phosphoinositide-activated glucosyltransferase. <i>Journal of Biological Chemistry</i> , 2019, 294, 2862-5740.	1.6	15
35	The <i>Galleria mellonella</i> Infection Model for Investigating the Molecular Mechanisms of <i>Legionella</i> Virulence. <i>Methods in Molecular Biology</i> , 2019, 1921, 333-346.	0.4	6
36	The <i>S. Typhi</i> effector StoD is an E3/E4 ubiquitin ligase which binds K48- and K63-linked diubiquitin. <i>Life Science Alliance</i> , 2019, 2, e201800272.	1.3	8

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37	Broad-Spectrum Regulation of Nonreceptor Tyrosine Kinases by the Bacterial ADP-Ribosyltransferase EspL. <i>MBio</i> , 2018, 9, .	1.8	21
38	Sieving through gut models of colonization resistance. <i>Nature Microbiology</i> , 2018, 3, 132-140.	5.9	54
39	Multitalented EspB of enteropathogenic <i>Escherichia coli</i> (EPEC) enters cells autonomously and induces programmed cell death in human monocytic THP-1 cells. <i>International Journal of Medical Microbiology</i> , 2018, 308, 387-404.	1.5	11
40	Comparison of <i>Salmonella enterica</i> Serovars Typhi and Typhimurium Reveals Typhoidal Serovar-Specific Responses to Bile. <i>Infection and Immunity</i> , 2018, 86, .	1.0	37
41	Host-associated niche metabolism controls enteric infection through fine-tuning the regulation of type 3 secretion. <i>Nature Communications</i> , 2018, 9, 4187.	5.8	41
42	The <i>Citrobacter rodentium</i> type III secretion system effector EspO affects mucosal damage repair and antimicrobial responses. <i>PLoS Pathogens</i> , 2018, 14, e1007406.	2.1	23
43	Typhoidal <i>Salmonella</i> : Distinctive virulence factors and pathogenesis. <i>Cellular Microbiology</i> , 2018, 20, e12939.	1.1	112
44	The Type III Secretion System of Pathogenic <i>Escherichia coli</i> . <i>Current Topics in Microbiology and Immunology</i> , 2018, 416, 51-72.	0.7	37
45	EspL is a bacterial cysteine protease effector that cleaves RHIM proteins to block necroptosis and inflammation. <i>Nature Microbiology</i> , 2017, 2, 16258.	5.9	141
46	The Type III Secretion System Effector SptP of <i>Salmonella enterica</i> Serovar Typhi. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	34
47	Non-invasive three-dimensional imaging of <i>Escherichia coli</i> K1 infection using diffuse light imaging tomography combined with micro-computed tomography. <i>Methods</i> , 2017, 127, 62-68.	1.9	6
48	The Enterohemorrhagic <i>Escherichia coli</i> Effector EspW Triggers Actin Remodeling in a Rac1-Dependent Manner. <i>Infection and Immunity</i> , 2017, 85, .	1.0	6
49	<i>Citrobacter rodentium</i> Subverts ATP Flux and Cholesterol Homeostasis in Intestinal Epithelial Cells In Vivo. <i>Cell Metabolism</i> , 2017, 26, 738-752.e6.	7.2	67
50	Hierarchical protein targeting and secretion is controlled by an affinity switch in the type III secretion system of enteropathogenic <i>Escherichia coli</i> . <i>EMBO Journal</i> , 2017, 36, 3517-3531.	3.5	54
51	Model of Host-Pathogen Interaction Dynamics Links In Vivo Optical Imaging and Immune Responses. <i>Infection and Immunity</i> , 2017, 85, .	1.0	7
52	<i>Citrobacter rodentium</i> Relies on Commensals for Colonization of the Colonic Mucosa. <i>Cell Reports</i> , 2017, 21, 3381-3389.	2.9	40
53	Attaching and effacing (A/E) lesion formation by enteropathogenic <i>E. coli</i> on human intestinal mucosa is dependent on non-LEE effectors. <i>PLoS Pathogens</i> , 2017, 13, e1006706.	2.1	49
54	The Rab-binding Profiles of Bacterial Virulence Factors during Infection. <i>Journal of Biological Chemistry</i> , 2016, 291, 5832-5843.	1.6	14

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55	Citrobacter rodentium mouse model of bacterial infection. Nature Protocols, 2016, 11, 1851-1876.	5.5	69
56	Immunity to Enteropathogenic Escherichia coli. , 2016, , 43-51.		1
57	The Type III Secretion System Effector SeoC of Salmonella enterica subsp. salamae and S. enterica subsp. arizonae ADP-Ribosylates Src and Inhibits Opsonophagocytosis. Infection and Immunity, 2016, 84, 3618-3628.	1.0	7
58	Enterohaemorrhagic E. coli modulates an ARF6:Rab35 signaling axis to prevent recycling endosome maturation during infection. Journal of Molecular Biology, 2016, 428, 3399-3407.	2.0	18
59	The Hd, Hj, and Hz66 flagella variants of Salmonella enterica serovar Typhi modify host responses and cellular interactions. Scientific Reports, 2015, 5, 7947.	1.6	11
60	Legionella pneumophila Effector LpdA Is a Palmitoylated Phospholipase D Virulence Factor. Infection and Immunity, 2015, 83, 3989-4002.	1.0	42
61	Older leaves of lettuce (Lactuca spp.) support higher levels of Salmonella enterica ser. Senftenberg attachment and show greater variation between plant accessions than do younger leaves. FEMS Microbiology Letters, 2015, 362, .	0.7	32
62	Creating a customized intracellular niche: subversion of host cell signaling by Legionella type IV secretion system effectors. Canadian Journal of Microbiology, 2015, 61, 617-635.	0.8	31
63	Tir Triggers Expression of CXCL1 in Enterocytes and Neutrophil Recruitment during Citrobacter rodentium Infection. Infection and Immunity, 2015, 83, 3342-3354.	1.0	17
64	The Escherichia coli effector EspJ blocks Src kinase activity via amidation and ADP ribosylation. Nature Communications, 2014, 5, 5887.	5.8	37
65	Fermented Dairy Products Modulate Citrobacter rodentium-Induced Colonic Hyperplasia. Journal of Infectious Diseases, 2014, 210, 1029-1041.	1.9	31
66	A New Method To Determine In Vivo Interactomes Reveals Binding of the Legionella pneumophila Effector PieE to Multiple Rab GTPases. MBio, 2014, 5, .	1.8	29
67	NLRP6 Inflammasome Orchestrates the Colonic Host-Microbial Interface by Regulating Goblet Cell Mucus Secretion. Cell, 2014, 156, 1045-1059.	13.5	549
68	Nlrp3 activation in the intestinal epithelium protects against a mucosal pathogen. Mucosal Immunology, 2014, 7, 763-774.	2.7	111
69	The Chemokine Receptor CXCR6 Controls the Functional Topography of Interleukin-22 Producing Intestinal Innate Lymphoid Cells. Immunity, 2014, 41, 776-788.	6.6	136
70	Citrobacter rodentium: infection, inflammation and the microbiota. Nature Reviews Microbiology, 2014, 12, 612-623.	13.6	392
71	The Type III Secretion Effector NleF of Enteropathogenic Escherichia coli Activates NF- $\kappa$ B Early during Infection. Infection and Immunity, 2014, 82, 4878-4888.	1.0	31
72	Enterohaemorrhagic Escherichia coli inhibits recycling endosome function and trafficking of surface receptors. Cellular Microbiology, 2014, 16, 1693-1705.	1.1	15

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73	Intimate host attachment: enteropathogenic and enterohaemorrhagic <i>Escherichia coli</i> . Cellular Microbiology, 2013, 15, n/a-n/a.	1.1	96
74	Subversion of trafficking, apoptosis, and innate immunity by type III secretion system effectors. Trends in Microbiology, 2013, 21, 430-441.	3.5	122
75	A type III effector antagonizes death receptor signalling during bacterial gut infection. Nature, 2013, 501, 247-251.	13.7	238
76	Type 3 secretion effectors. , 2013, , 451-497.		1
77	The Dot/Icm Effector SdhA Is Necessary for Virulence of Legionella pneumophila in Galleria mellonella and A/J Mice. Infection and Immunity, 2013, 81, 2598-2605.	1.0	45
78	LtpD Is a Novel Legionella pneumophila Effector That Binds Phosphatidylinositol 3-Phosphate and Inositol Monophosphatase IMPA1. Infection and Immunity, 2013, 81, 4261-4270.	1.0	33
79	The Legionella pneumophila Dot/Icm-secreted Effector PlcC/CegC1 Together with PlcA and PlcB Promotes Virulence and Belongs to a Novel Zinc Metallophospholipase C Family Present in Bacteria and Fungi. Journal of Biological Chemistry, 2013, 288, 11080-11092.	1.6	50
80	4D Multimodality Imaging of <i>Citrobacter rodentium</i> ; Infections in Mice. Journal of Visualized Experiments, 2013, , .	0.2	15
81	Recruitment and membrane interactions of host cell proteins during attachment of enteropathogenic and enterohaemorrhagic <i>Escherichia coli</i> . Biochemical Journal, 2012, 445, 383-392.	1.7	13
82	Legionella pneumophila Pathogenesis in the Galleria mellonella Infection Model. Infection and Immunity, 2012, 80, 2780-2790.	1.0	99
83	Infection strategies of enteric pathogenic Escherichia coli. Gut Microbes, 2012, 3, 71-87.	4.3	279
84	The Interplay between the Escherichia coli Rho Guanine Nucleotide Exchange Factor Effectors and the Mammalian RhoGEF Inhibitor EspH. MBio, 2012, 3, .	1.8	41
85	Legionella pneumophila Secretes a Mitochondrial Carrier Protein during Infection. PLoS Pathogens, 2012, 8, e1002459.	2.1	64
86	EspZ of Enteropathogenic and Enterohemorrhagic Escherichia coli Regulates Type III Secretion System Protein Translocation. MBio, 2012, 3, .	1.8	48
87	The motor protein myosin 1G functions in Fc $\gamma$ R-mediated phagocytosis. Journal of Cell Science, 2012, 125, 6020-6029.	1.2	40
88	The enteropathogenic <i>E. coli</i> effector EspH promotes actin pedestal formation and elongation via WASP-interacting protein (WIP). Cellular Microbiology, 2012, 14, 1051-1070.	1.1	31
89	Pre-treatment with Bifidobacterium breve UCC2003 modulates Citrobacter rodentium-induced colonic inflammation and organ specificity. Microbiology (United Kingdom), 2012, 158, 2826-2834.	0.7	15
90	PAK4 phosphorylates myosin regulatory light chain and contributes to Fc $\gamma$ receptor-mediated phagocytosis. International Journal of Biochemistry and Cell Biology, 2011, 43, 1776-1781.	1.2	11

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91	Flagella mediate attachment of enterotoxigenic <i>Escherichia coli</i> to fresh salad leaves. <i>Environmental Microbiology Reports</i> , 2011, 3, 112-117.	1.0	29
92	Cellulose mediates attachment of <i>Salmonella enterica</i> Serovar Typhimurium to tomatoes. <i>Environmental Microbiology Reports</i> , 2011, 3, 569-573.	1.0	24
93	<i>Salmonella enterica</i> strains belonging to O serogroup 1,3,19 induce chlorosis and wilting of <i>Arabidopsis thaliana</i> leaves. <i>Environmental Microbiology</i> , 2011, 13, 1299-1308.	1.8	28
94	EspG of enteropathogenic and enterohemorrhagic <i>E. coli</i> binds the Golgi matrix protein GM130 and disrupts the Golgi structure and function. <i>Cellular Microbiology</i> , 2011, 13, 1429-1439.	1.1	36
95	The WxxxE effector EspT triggers expression of immune mediators in an Erk/JNK and NF- $\kappa$ B-dependent manner. <i>Cellular Microbiology</i> , 2011, 13, 1881-1893.	1.1	42
96	A type III effector protease NleC from enteropathogenic <i>Escherichia coli</i> targets NF- $\kappa$ B for degradation. <i>Molecular Microbiology</i> , 2011, 80, 219-230.	1.2	112
97	Enteropathogenic and enterohaemorrhagic <i>Escherichia coli</i> : even more subversive elements. <i>Molecular Microbiology</i> , 2011, 80, 1420-1438.	1.2	337
98	BopC is a type III secreted effector protein of <i>Burkholderia pseudomallei</i> . <i>FEMS Microbiology Letters</i> , 2011, 323, 75-82.	0.7	14
99	Enteropathogenic and Enterohemorrhagic <i>Escherichia coli</i> Type III Secretion Effector EspV Induces Radical Morphological Changes in Eukaryotic Cells. <i>Infection and Immunity</i> , 2011, 79, 1067-1076.	1.0	23
100	<i>Citrobacter rodentium</i> is an Unstable Pathogen Showing Evidence of Significant Genomic Flux. <i>PLoS Pathogens</i> , 2011, 7, e1002018.	2.1	35
101	<i>Salmonella bongori</i> Provides Insights into the Evolution of the Salmonellae. <i>PLoS Pathogens</i> , 2011, 7, e1002191.	2.1	171
102	Dissecting the role of the Tir:Nck and Tir:IRTKS/IRSp53 signalling pathways <i>in vivo</i> . <i>Molecular Microbiology</i> , 2010, 75, 308-323.	1.2	51
103	Fresh fruit and vegetables as vehicles for the transmission of human pathogens. <i>Environmental Microbiology</i> , 2010, 12, 2385-2397.	1.8	683
104	EspM2 is a RhoA guanine nucleotide exchange factor. <i>Cellular Microbiology</i> , 2010, 12, 654-664.	1.1	53
105	Binding to Na <sup>+</sup> /H <sup>+</sup> exchanger regulatory factor 2 (NHERF2) affects trafficking and function of the enteropathogenic <i>Escherichia coli</i> type III secretion system effectors Map, EspI and NleH. <i>Cellular Microbiology</i> , 2010, 12, 1718-1731.	1.1	41
106	Complete Genome Sequence and Comparative Metabolic Profiling of the Prototypical Enteroadhesive <i>Escherichia coli</i> Strain O42. <i>PLoS ONE</i> , 2010, 5, e8801.	1.1	165
107	Bacterial Guanine Nucleotide Exchange Factors SopE-Like and WxxxE Effectors. <i>Infection and Immunity</i> , 2010, 78, 1417-1425.	1.0	75
108	N-Terminal Type III Secretion Signal of Enteropathogenic <i>Escherichia coli</i> Translocator Proteins. <i>Journal of Bacteriology</i> , 2010, 192, 3534-3539.	1.0	31

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109	Efa-1/LifA mediates intestinal colonization of calves by enterohaemorrhagic <i>Escherichia coli</i> O26 in a manner independent of glycosyltransferase and cysteine protease motifs or effects on type III secretion. <i>Microbiology (United Kingdom)</i> , 2010, 156, 2527-2536.	0.7	22
110	SepL Resembles an Aberrant Effector in Binding to a Class 1 Type III Secretion Chaperone and Carrying an N-Terminal Secretion Signal. <i>Journal of Bacteriology</i> , 2010, 192, 6093-6098.	1.0	23
111	<i>Legionella pneumophila</i> Strain 130b Possesses a Unique Combination of Type IV Secretion Systems and Novel Dot/Icm Secretion System Effector Proteins. <i>Journal of Bacteriology</i> , 2010, 192, 6001-6016.	1.0	104
112	Inhibition of NF- $\kappa$ B Signaling in Human Dendritic Cells by the Enteropathogenic <i>Escherichia coli</i> Effector Protein NleE. <i>Journal of Immunology</i> , 2010, 185, 4118-4127.	0.4	73
113	NleH effectors interact with Bax inhibitor-1 to block apoptosis during enteropathogenic <i>Escherichia coli</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3129-3134.	3.3	129
114	The Type III Effectors NleE and NleB from Enteropathogenic <i>E. coli</i> and OspZ from <i>Shigella</i> Block Nuclear Translocation of NF- $\kappa$ B p65. <i>PLoS Pathogens</i> , 2010, 6, e1000898.	2.1	201
115	The <i>Citrobacter rodentium</i> Genome Sequence Reveals Convergent Evolution with Human Pathogenic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2010, 192, 525-538.	1.0	156
116	The enteropathogenic <i>Escherichia coli</i> effector NleH inhibits apoptosis induced by <i>Clostridium difficile</i> toxin B. <i>Microbiology (United Kingdom)</i> , 2010, 156, 1815-1823.	0.7	27
117	Direct Injection of Functional Single-Domain Antibodies from <i>E. coli</i> into Human Cells. <i>PLoS ONE</i> , 2010, 5, e15227.	1.1	48
118	Interactions of Typical and Atypical Enteropathogenic <i>Escherichia coli</i> Strains with the Calf Intestinal Mucosa Ex Vivo. <i>Applied and Environmental Microbiology</i> , 2009, 75, 5991-5995.	1.4	6
119	Complete Genome Sequence and Comparative Genome Analysis of Enteropathogenic <i>Escherichia coli</i> O127:H6 Strain E2348/69. <i>Journal of Bacteriology</i> , 2009, 191, 347-354.	1.0	299
120	The T3SS Effector EspT Defines a New Category of Invasive Enteropathogenic <i>E. coli</i> (EPEC) Which Form Intracellular Actin Pedestals. <i>PLoS Pathogens</i> , 2009, 5, e1000683.	2.1	51
121	Modelling of Infection by Enteropathogenic <i>Escherichia coli</i> Strains in Lineages 2 and 4 Ex Vivo and In Vivo by Using <i>Citrobacter rodentium</i> Expressing TccP. <i>Infection and Immunity</i> , 2009, 77, 1304-1314.	1.0	11
122	Interaction of <i>Salmonella enterica</i> with basil and other salad leaves. <i>ISME Journal</i> , 2009, 3, 261-265.	4.4	100
123	EspT triggers formation of lamellipodia and membrane ruffles through activation of Rac-1 and Cdc42. <i>Cellular Microbiology</i> , 2009, 11, 217-229.	1.1	60
124	The mechanisms used by enteropathogenic <i>Escherichia coli</i> to control filopodia dynamics. <i>Cellular Microbiology</i> , 2009, 11, 309-322.	1.1	56
125	Interaction of enteroaggregative <i>Escherichia coli</i> with salad leaves. <i>Environmental Microbiology Reports</i> , 2009, 1, 234-239.	1.0	36
126	Bioluminescent Monitoring of In Vivo Colonization and Clearance Dynamics by Light-Emitting Bacteria. <i>Methods in Molecular Biology</i> , 2009, 574, 137-153.	0.4	17

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127	Distribution of espM and espT among enteropathogenic and enterohaemorrhagic Escherichia coli. Journal of Medical Microbiology, 2009, 58, 988-995.	0.7	27
128	In vivo imaging of gene transfer to the respiratory tract. Biomaterials, 2008, 29, 1533-1540.	5.7	13
129	Interaction of enterohemorrhagic Escherichia coli O157:H7 with mouse intestinal mucosa. FEMS Microbiology Letters, 2008, 283, 196-202.	0.7	9
130	Attaching effacing Escherichia coli and paradigms of Tir-triggered actin polymerization: getting off the pedestal. Cellular Microbiology, 2008, 10, 549-556.	1.1	153
131	EspJ of enteropathogenic and enterohaemorrhagic Escherichia coli inhibits opsono-phagocytosis. Cellular Microbiology, 2008, 10, 1104-1115.	1.1	69
132	Subversion of actin dynamics by EspM effectors of attaching and effacing bacterial pathogens. Cellular Microbiology, 2008, 10, 1429-1441.	1.1	70
133	Structural and Functional Properties of Chimeric EspA-FliC Filaments of EPEC. Journal of Molecular Biology, 2008, 378, 243-250.	2.0	6
134	RegA, an AraC-Like Protein, Is a Global Transcriptional Regulator That Controls Virulence Gene Expression in <i>Citrobacter rodentium</i> . Infection and Immunity, 2008, 76, 5247-5256.	1.0	61
135	The p50 Subunit of NF- $\kappa$ B Is Critical for In Vivo Clearance of the Noninvasive Enteric Pathogen <i>Citrobacter rodentium</i> . Infection and Immunity, 2008, 76, 4978-4988.	1.0	30
136	Role of NleH, a Type III Secreted Effector from Attaching and Effacing Pathogens, in Colonization of the Bovine, Ovine, and Murine Gut. Infection and Immunity, 2008, 76, 4804-4813.	1.0	37
137	Identification of Amino Acid Residues within the N-Terminal Domain of EspA That Play a Role in EspA Filament Biogenesis and Function. Journal of Bacteriology, 2008, 190, 2221-2226.	1.0	8
138	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
139	Genomic comparison of the O-antigen biosynthesis gene clusters of Escherichia coli O55 strains belonging to three distinct lineages. Microbiology (United Kingdom), 2008, 154, 559-570.	0.7	19
140	Enterohemorrhagic <i>Escherichia coli</i> Exploits EspA Filaments for Attachment to Salad Leaves. Applied and Environmental Microbiology, 2008, 74, 2908-2914.	1.4	93
141	Enteropathogenic <i>Escherichia coli</i> 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
142	Use of biophotonic imaging as a training aid for administration of substances in laboratory rodents. Laboratory Animals, 2007, 41, 321-328.	0.5	7
143	TccP2 of O157:H7 and Non-O157 Enterohemorrhagic Escherichia coli (EHEC): Challenging the Dogma of EHEC-Induced Actin Polymerization. Infection and Immunity, 2007, 75, 604-612.	1.0	40
144	Human intestinal tissue tropism in Escherichia coli O157:H7: initial colonization of terminal ileum and Peyer's patches and minimal colonic adhesion ex vivo. Microbiology (United Kingdom), 2007, 153, 794-802.	0.7	51

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145	Adherence of Enterohemorrhagic <i>Escherichia coli</i> O157, O26, and O111 Strains to Bovine Intestinal Explants <i>Ex Vivo</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 3084-3090.	1.4	32
146	Cell attachment properties and infectivity of host-adapted and environmentally adapted <i>Citrobacter rodentium</i> . <i>Microbes and Infection</i> , 2007, 9, 1316-1324.	1.0	13
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