B Brett Finlay

List of Publications by Year
in descending order

385 papers	54,140 citations	831 121 h-index	1919 214 g-index
390 all docs	390 docs citations	390 times ranked	45846 citing authors

#	Article	IF	Citations
1	Gut microbiome in Parkinson's disease: New insights from meta-analysis. Parkinsonism and Related Disorders, 2022, 94, 1-9.	1.1	55
2	Gut microbes shape microglia and cognitive function during malnutrition. Glia, 2022, 70, 820-841.	2.5	6
3	The Oral and Fecal Microbiota in a Canadian Cohort of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2022, 87, 247-258.	1.2	17
4	Nonalcoholic Fatty Liver Disease and the Gut-Liver Axis: Exploring an Undernutrition Perspective. Gastroenterology, 2022, 162, 1858-1875.e2.	0.6	45
5	Longitudinal body mass index trajectories at preschool age: children with rapid growth have differential composition of the gut microbiota in the first year of life. International Journal of Obesity, 2022, 46, 1351-1358.	1.6	7
6	Type VI secretion systems of pathogenic and commensal bacteria mediate niche occupancy in the gut. Cell Reports, 2022, 39, 110731.	2.9	24
7	Secretory IgA: Linking microbes, maternal health, and infant health through human milk. Cell Host and Microbe, 2022, 30, 650-659.	5.1	25
8	Effects of Gut Microbiota Alterations on Motor, Gastrointestinal, and Behavioral Phenotype in a Mouse Model of Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2022, 12, 1479-1495.	1.5	2
9	Structural and Cellular Insights into the <scp>l</scp> , <scp>d</scp> -Transpeptidase YcbB as a Therapeutic Target in Citrobacter rodentium, Salmonella Typhimurium, and Salmonella Typhi Infections. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	5
10	<scp>MIND</scp> and Mediterranean Diets Associated with Later Onset of Parkinson's Disease. Movement Disorders, 2021, 36, 977-984.	2.2	53
11	Biogeography of the Relationship between the Child Gut Microbiome and Innate Immune System. MBio, 2021, 12, .	1.8	8
12	Diversity and dynamism of IgAâ^'microbiota interactions. Nature Reviews Immunology, 2021, 21, 514-525.	10.6	80
13	Bacterialâ€“fungal interactions in the neonatal gut influence asthma outcomes later in life. ELife, 2021, 10, .	2.8	22
14	Cryo-EM structure of the EspA filament from enteropathogenic Escherichia coli: Revealing the mechanism of effector translocation in the T3SS. Structure, 2021, 29, 479-487.e4.	1.6	7
15	Composition and Associations of the Infant Gut Fungal Microbiota with Environmental Factors and Childhood Allergic Outcomes. MBio, 2021, 12, e0339620.	1.8	31
16	Exposure to Parasitic Protists and Helminths Changes the Intestinal Community Structure of Bacterial Communities in a Cohort of Mother-Child Binomials from a Semirural Setting in Mexico. MSphere, 2021, 6, e0008321.	1.3	9
17	When a pandemic and an epidemic collide: COVID-19, gut microbiota, and the double burden of malnutrition. BMC Medicine, 2021, 19, 31.	2.3	35
18	Changes in IgA-targeted microbiota following fecal transplantation for recurrent Clostridioides difficile infection. Gut Microbes, 2021, 13, 1-12.	4.3	10

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19	Cervical Squamous Intraepithelial Lesions Are Associated with Differences in the Vaginal Microbiota of Mexican Women. Microbiology Spectrum, 2021, 9, e0014321.	1.2	21
20	Cross-feeding between intestinal pathobionts promotes their overgrowth during undernutrition. Nature Communications, 2021, 12, 6860.	5.8	17
21	Quantitative proteomic screen identifies annexin A2 as a host target for Salmonella pathogenicity island-2 effectors SopD2 and PipB2. Scientific Reports, 2021, 11, 23630.	1.6	6
22	Gender-Specific Beneficial Effects of Docosahexaenoic Acid Dietary Supplementation in G93A-SOD1 Amyotrophic Lateral Sclerosis Mice. Neurotherapeutics, 2020, 17, 269-281.	2.1	15
23	Reply to: â€˜Comment on â€œMicrobiota Composition and Metabolism Are Associated With Gut Function in Parkinsonâ€™s Diseaseâ€â€™. Movement Disorders, 2020, 35, 1695-1697.	2.2	8
24	Immunoglobulin recognition of fecal bacteria in stunted and non-stunted children: findings from the Afribiota study. Microbiome, 2020, 8, 113.	4.9	21
25	Dietary Intervention Reverses Fatty Liver and Altered Gut Microbiota during Early-Life Undernutrition. MSystems, 2020, 5, .	1.7	4
26	Decreasing antibiotic use, the gut microbiota, and asthma incidence in children: evidence from population-based and prospective cohort studies. Lancet Respiratory Medicine,the, 2020, 8, 1094-1105.	5.2	138
27	Master Sculptor at Work: Enteropathogenic Escherichia coli Infection Uniquely Modifies Mitochondrial Proteolysis during Its Control of Human Cell Death. MSystems, 2020, 5, .	1.7	3
28	Breastmilk Feeding Practices Are Associated with the Co-Occurrence of Bacteria in Mothersâ€™ Milk and the Infant Gut: the CHILD Cohort Study. Cell Host and Microbe, 2020, 28, 285-297.e4.	5.1	148
29	Multiple Salmonella-pathogenicity island 2 effectors are required to facilitate bacterial establishment of its intracellular niche and virulence. PLoS ONE, 2020, 15, e0235020.	1.1	17
30	Dynamics of expression, secretion and translocation of type III effectors during enteropathogenic Escherichia coli infection. Current Opinion in Microbiology, 2020, 54, 67-76.	2.3	28
31	The Role of Lung and Gut Microbiota in the Pathology of Asthma. Immunity, 2020, 52, 241-255.	6.6	329
32	Mining the infant gut microbiota for therapeutic targets against atopic disease. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2065-2068.	2.7	26
33	Are noncommunicable diseases communicable?. Science, 2020, 367, 250-251.	6.0	61
34	Establishing or Exaggerating Causality for the Gut Microbiome: Lessons from Human Microbiota-Associated Rodents. Cell, 2020, 180, 221-232.	13.5	318
35	Microbiota Composition and Metabolism Are Associated With Gut Function in Parkinson's Disease. Movement Disorders, 2020, 35, 1208-1217.	2.2	180
36	Commensal Bacteria Modulate Immunoglobulin A Binding in Response to Host Nutrition. Cell Host and Microbe, 2020, 27, 909-921.e5.	5.1	57

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37	Characterization of the Citrobacter rodentium Cpx regulon and its role in host infection. Molecular Microbiology, 2019, 111, 700-716.	1.2	15
38	T3S injectisome needle complex structures in four distinct states reveal the basis of membrane coupling and assembly. Nature Microbiology, 2019, 4, 2010-2019.	5.9	58
39	Gut microbes, ageing & organ function: a chameleon in modern biology?. EMBO Molecular Medicine, 2019, 11, e9872.	3.3	14
40	Here, there, and everywhere: How pathogenicEscherichia colisense and respond to gastrointestinal biogeography. Cellular Microbiology, 2019, 21, e13107.	1.1	26
41	Persistent Salmonella enterica Serovar Typhimurium Infection Induces Protease Expression During Intestinal Fibrosis. Inflammatory Bowel Diseases, 2019, 25, 1629-1643.	0.9	14
42	The Gut Microbiotaâ€“Brain Axis Expands Neurologic Function: A Nervous Rapport. BioEssays, 2019, 41, 1800268.	1.2	12
43	Thinking bigger: How earlyâ€life environmental exposures shape the gut microbiome and influence the development of asthma and allergic disease. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2103-2115.	2.7	114
44	Bottoms up: the role of gut microbiota in brain health. Environmental Microbiology, 2019, 21, 3197-3211.	1.8	17
45	Association between the intestinal microbiota and allergic sensitization, eczema, and asthma: AÂsystematic review. Journal of Allergy and Clinical Immunology, 2019, 143, 467-485.	1.5	164
46	The Human Microbiome and Child Growth â€“ First 1000 Days and Beyond. Trends in Microbiology, 2019, 27, 131-147.	3.5	467
47	A Nonpyroptotic IFN-Î³â€“Triggered Cell Death Mechanism in Nonphagocytic Cells Promotes Salmonella Clearance In Vivo. Journal of Immunology, 2018, 200, 3626-3634.	0.4	23
48	Good Bug, Bad Bug: Breaking through Microbial Stereotypes. Cell Host and Microbe, 2018, 23, 10-13.	5.1	62
49	Microbiome-driven allergic lung inflammation is ameliorated by short-chain fatty acids. Mucosal Immunology, 2018, 11, 785-795.	2.7	247
50	Associations between infant fungal and bacterial dysbiosis and childhood atopic wheeze in a nonindustrialized setting. Journal of Allergy and Clinical Immunology, 2018, 142, 424-434.e10.	1.5	181
51	Global Profiling of Proteolysis from the Mitochondrial Amino Terminome during Early Intrinsic Apoptosis Prior to Caspase-3 Activation. Journal of Proteome Research, 2018, 17, 4279-4296.	1.8	33
52	Asymptomatic Intestinal Colonization with ProtistBlastocystisIs Strongly Associated with Distinct Microbiome Ecological Patterns. MSystems, 2018, 3, .	1.7	99
53	Characterization of the two conformations adopted by the T3SS innerâ€membrane protein PrgK. Protein Science, 2018, 27, 1680-1691.	3.1	4
54	Identifying the etiology and pathophysiology underlying stunting and environmental enteropathy: study protocol of the AFRIBIOTA project. BMC Pediatrics, 2018, 18, 236.	0.7	32

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55	Stunted childhood growth is associated with decompartmentalization of the gastrointestinal tract and overgrowth of oropharyngeal taxa. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8489-E8498.	3.3	119
56	Sharpening Host Defenses during Infection: Proteases Cut to the Chase. Molecular and Cellular Proteomics, 2017, 16, S161-S171.	2.5	49
57	Gut microbiota-mediated protection against diarrheal infections. Journal of Travel Medicine, 2017, 24, S39-S43.	1.4	62
58	Enteric Helminths Promote Salmonella Coinfection by Altering the Intestinal Metabolome. Journal of Infectious Diseases, 2017, 215, 1245-1254.	1.9	53
59	Assembly, structure, function and regulation of type III secretion systems. Nature Reviews Microbiology, 2017, 15, 323-337.	13.6	456
60	The Ruler Protein EscP of the Enteropathogenic Escherichia coli Type III Secretion System Is Involved in Calcium Sensing and Secretion Hierarchy Regulation by Interacting with the Gatekeeper Protein SepL. MBio, 2017, 8, .	1.8	33
61	Feeding the microbial multitudes: co-infection in a malnourished host. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 695-696.	8.2	0
62	Repression of Salmonella Host Cell Invasion by Aromatic Small Molecules from the Human Fecal Metabolome. Applied and Environmental Microbiology, 2017, 83, .	1.4	31
63	Microbial Insights into Asthmatic Immunopathology. A Forward-Looking Synthesis and Commentary. Annals of the American Thoracic Society, 2017, 14, S316-S325.	1.5	5
64	Initial Gut Microbial Composition as a Key Factor Driving Host Response to Antibiotic Treatment, as Exemplified by the Presence or Absence of Commensal Escherichia coli. Applied and Environmental Microbiology, 2017, 83, .	1.4	31
65	Further investigation of inhibitors of MRSA pyruvate kinase: Towards the conception of novel antimicrobial agents. European Journal of Medicinal Chemistry, 2017, 125, 1-13.	2.6	19
66	Human Intestinal Microbiota: Interaction Between Parasites and the Host Immune Response. Archives of Medical Research, 2017, 48, 690-700.	1.5	82
67	What the SIF Is Happeningâ€"The Role of Intracellular Salmonella-Induced Filaments. Frontiers in Cellular and Infection Microbiology, 2017, 7, 335.	1.8	59
68	Near-atomic-resolution cryo-EM analysis of the Salmonella T3S injectisome basal body. Nature, 2016, 540, 597-601.	13.7	127
69	Quantitative Mass Spectrometry Identifies Novel Host Binding Partners for Pathogenic Escherichia coli Type III Secretion System Effectors. Journal of Proteome Research, 2016, 15, 1613-1622.	1.8	10
70	Analysis of bacterial survival after exposure to reactive oxygen species or antibiotics. Data in Brief, 2016, 7, 894-899.	0.5	5
71	A humanized microbiota mouse model of ovalbumin-induced lung inflammation. Gut Microbes, 2016, 7, 342-352.	4.3	35
72	Human Microbiota-Associated Mice: A Model with Challenges. Cell Host and Microbe, 2016, 19, 575-578.	5.1	190

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73	Microbiota-Mediated Immunomodulation and Asthma: Current and Future Perspectives. Current Treatment Options in Allergy, 2016, 3, 292-309.	0.9	6
74	Microbes and the mind: emerging hallmarks of the gut microbiota-brain axis. Cellular Microbiology, 2016, 18, 632-644.	1.1	113
75	Salmonella Rapidly Regulates Membrane Permeability To Survive Oxidative Stress. MBio, 2016, 7, .	1.8	70
76	Shifts in Lachnospira and Clostridium sp. in the 3-month stool microbiome are associated with preschool age asthma. Clinical Science, 2016, 130, 2199-2207.	1.8	100
77	Exploring the redox balance inside gram-negative bacteria with redox-sensitive GFP. Free Radical Biology and Medicine, 2016, 91, 34-44.	1.3	39
78	A novel approach for emerging and antibiotic resistant infections: Innate defense regulators as an agnostic therapy. Journal of Biotechnology, 2016, 226, 24-34.	1.9	19
79	Nutrient Deprivation Affects Salmonella Invasion and Its Interaction with the Gastrointestinal Microbiota. PLoS ONE, 2016, 11, e0159676.	1.1	9
80	A Highly Effective Component Vaccine against Nontyphoidal Salmonella enterica Infections. MBio, 2015, 6, e01421-15.	1.8	11
81	The hygiene hypothesis: current perspectives and future therapies. ImmunoTargets and Therapy, 2015, 4, 143.	2.7	143
82	Phytonutrient diet supplementation promotes beneficial Clostridia species and intestinal mucus secretion resulting in protection against enteric infection. Scientific Reports, 2015, 5, 9253.	1.6	129
83	The Serine Protease Autotransporter Pic Modulates Citrobacter rodentium Pathogenesis and Its Innate Recognition by the Host. Infection and Immunity, 2015, 83, 2636-2650.	1.0	26
84	Worming Their Way into the Picture: Microbiota Help Helminths Modulate Host Immunity. Immunity, 2015, 43, 840-842.	6.6	7
85	Perinatal antibiotic-induced shifts in gut microbiota have differential effects on inflammatory lung diseases. Journal of Allergy and Clinical Immunology, 2015, 135, 100-109.e5.	1.5	118
86	Direct measurement of oxidative and nitrosative stress dynamics in Salmonella inside macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 560-565.	3.3	94
87	Bringing down the host: enteropathogenic and enterohaemorrhagicEscherichia colieffector-mediated subversion of host innate immune pathways. Cellular Microbiology, 2015, 17, 318-332.	1.1	69
88	SepD/SepL-Dependent Secretion Signals of the Type III Secretion System Translocator Proteins in Enteropathogenic Escherichia coli. Journal of Bacteriology, 2015, 197, 1263-1275.	1.0	23
89	Novel Host Proteins and Signaling Pathways in Enteropathogenic E. coli Pathogenesis Identified by Global Phosphoproteome Analysis *. Molecular and Cellular Proteomics, 2015, 14, 1927-1945.	2.5	32
90	Chemical communication in the gut: Effects of microbiota-generated metabolites on gastrointestinal bacterial pathogens. Anaerobe, 2015, 34, 106-115.	1.0	101

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91	Structural Analysis of a Specialized Type III Secretion System Peptidoglycan-cleaving Enzyme. Journal of Biological Chemistry, 2015, 290, 10406-10417.	1.6	43
92	Identification and Regulation of a Novel Citrobacter rodentium Gut Colonization Fimbria (Gcf). Journal of Bacteriology, 2015, 197, 1478-1491.	1.0	8
93	Early infancy microbial and metabolic alterations affect risk of childhood asthma. Science Translational Medicine, 2015, 7, 307ra152.	5.8	1,277
94	Diet and specific microbial exposure trigger features of environmental enteropathy in a novel murine model. Nature Communications, 2015, 6, 7806.	5.8	172
95	Cohabitation in the Intestine: Interactions among Helminth Parasites, Bacterial Microbiota, and Host Immunity. Journal of Immunology, 2015, 195, 4059-4066.	0.4	154
96	In vitro Real-time Measurement of the Intra-bacterial Redox Potential. Bio-protocol, 2015, 5, 1-9.	0.2	6
97	Cell Biology of Salmonella Pathogenesis. , 2014, , 249-261.		6
98	Commensal-pathogen interactions in the intestinal tract. Gut Microbes, 2014, 5, 522-532.	4.3	252
99	Lyn Deficiency Leads to Increased Microbiota-Dependent Intestinal Inflammation and Susceptibility to Enteric Pathogens. Journal of Immunology, 2014, 193, 5249-5263.	0.4	19
100	The Intestinal Microbiome in Early Life: Health and Disease. Frontiers in Immunology, 2014, 5, 427.	2.2	685
101	Antivirulence Activity of the Human Gut Metabolome. MBio, 2014, 5, e01183-14.	1.8	45
102	Targeting the type III secretion system to treat bacterial infections. Expert Opinion on Therapeutic Targets, 2014, 18, 137-152.	1.5	60
103	Discovery and optimization of a new class of pyruvate kinase inhibitors as potential therapeutics for the treatment of methicillin-resistant Staphylococcus aureus infections. Bioorganic and Medicinal Chemistry, 2014, 22, 1708-1725.	1.4	35
104	NLRP6 Inflammasome Orchestrates the Colonic Host-Microbial Interface by Regulating Goblet Cell Mucus Secretion. Cell, 2014, 156, 1045-1059.	13.5	549
105	Autophagy Facilitates Salmonella Replication in HeLa Cells. MBio, 2014, 5, e00865-14.	1.8	84
106	Influence of the microbiota on vaccine effectiveness. Trends in Immunology, 2014, 35, 526-537.	2.9	137
107	Effects of Antibiotics on Human Microbiota and Subsequent Disease. Annual Review of Microbiology, 2014, 68, 217-235.	2.9	223
108	Citrobacter rodentium: infection, inflammation and the microbiota. Nature Reviews Microbiology, 2014, 12, 612-623.	13.6	392

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109	Gastrointestinal Microbiotaâ€“Mediated Control of Enteric Pathogens. Annual Review of Genetics, 2014, 48, 361-382.	3.2	53
110	The intestinal microbiota and allergic asthma. Journal of Infection, 2014, 69, S53-S55.	1.7	30
111	Recent Advances in Understanding Enteric Pathogenic Escherichia coli. Clinical Microbiology Reviews, 2013, 26, 822-880.	5.7	1,071
112	Global Impact of Salmonella Pathogenicity Island 2-secreted Effectors on the Host Phosphoproteome. Molecular and Cellular Proteomics, 2013, 12, 1632-1643.	2.5	36
113	A fresh look at the hygiene hypothesis: How intestinal microbial exposure drives immune effector responses in atopic disease. Seminars in Immunology, 2013, 25, 378-387.	2.7	55
114	In Vitro and In Vivo Model Systems for Studying Enteropathogenic Escherichia coli Infections. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a009977-a009977.	2.9	54
115	The role of the immune system in governing host-microbe interactions in the intestine. Nature Immunology, 2013, 14, 660-667.	7.0	312
116	The Salmonella Type III Effector SspH2 Specifically Exploits the NLR Co-chaperone Activity of SGT1 to Subvert Immunity. PLoS Pathogens, 2013, 9, e1003518.	2.1	80
117	15-Deoxy-Î”12,14-Prostaglandin J2 Inhibits Macrophage Colonization by Salmonella enterica Serovar Typhimurium. PLoS ONE, 2013, 8, e69759.	1.1	35
118	The Zinc Regulated Antivirulence Pathway of Salmonella Is a Multiprotein Immunoglobulin Adhesion System. Journal of Biological Chemistry, 2012, 287, 32324-32337.	1.6	11
119	Role of Inflammasomes in Host Defense against Citrobacter rodentium Infection. Journal of Biological Chemistry, 2012, 287, 16955-16964.	1.6	128
120	The Commensal Microbiota Drives Immune Homeostasis. Frontiers in Immunology, 2012, 3, 33.	2.2	54
121	Type III effector-mediated processes in Salmonella infection. Future Microbiology, 2012, 7, 685-703.	1.0	72
122	Bacterial effector interplay: a new way to view effector function. Trends in Microbiology, 2012, 20, 214-219.	3.5	45
123	Oxysterol-binding protein (OSBP) enhances replication of intracellular Salmonella and binds the Salmonella SPI-2 effector SseL via its N-terminus. Microbes and Infection, 2012, 14, 148-154.	1.0	23
124	Neutrophil Elastase Alters the Murine Gut Microbiota Resulting in Enhanced Salmonella Colonization. PLoS ONE, 2012, 7, e49646.	1.1	55
125	Characterization of rOrf8/EscI of the enteropathogenic Escherichia coli as an inner rod protein. FASEB Journal, 2012, 26, 604.6.	0.2	0
126	Effect of Antibiotic Treatment on the Intestinal Metabolome. Antimicrobial Agents and Chemotherapy, 2011, 55, 1494-1503.	1.4	258

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127	Altering Host Resistance to Infections through Microbial Transplantation. PLoS ONE, 2011, 6, e26988.	1.1	155
128	Roadblocks in the gut: barriers to enteric infection. Cellular Microbiology, 2011, 13, 660-669.	1.1	65
129	The pathogenic Escherichia coli type III secreted protease NleC degrades the host acetyltransferase p300. Cellular Microbiology, 2011, 13, 1542-1557.	1.1	53
130	Shifting the balance: antibiotic effects on hostâ€“microbiota mutualism. Nature Reviews Microbiology, 2011, 9, 233-243.	13.6	584
131	Mapping the Protein Interaction Network in Methicillin-Resistant Staphylococcus aureus. Journal of Proteome Research, 2011, 10, 1139-1150.	1.8	55
132	Harvesting the biological potential of the human gut microbiome. BioEssays, 2011, 33, 414-418.	1.2	8
133	A comprehensive study of the contribution ofSalmonella entericaserovar Typhimurium SPI2 effectors to bacterial colonization, survival, and replication in typhoid fever, macrophage, and epithelial cell infection models. Virulence, 2011, 2, 208-216.	1.8	51
134	Impact of Salmonella Infection on Host Hormone Metabolism Revealed by Metabolomics. Infection and Immunity, 2011, 79, 1759-1769.	1.0	104
135	Protective Role of Akt2 in Salmonella enterica Serovar Typhimurium-Induced Gastroenterocolitis. Infection and Immunity, 2011, 79, 2554-2566.	1.0	26
136	The Type III System-Secreted Effector EspZ Localizes to Host Mitochondria and Interacts with the Translocase of Inner Mitochondrial Membrane 17b. Infection and Immunity, 2011, 79, 4784-4790.	1.0	31
137	Quantitative Mass Spectrometry Catalogues Salmonella Pathogenicity Island-2 Effectors and Identifies Their Cognate Host Binding Partners. Journal of Biological Chemistry, 2011, 286, 24023-24035.	1.6	60
138	Attaching and Effacing Bacterial Effector NleC Suppresses Epithelial Inflammatory Responses by Inhibiting NF-ÎºB and p38 Mitogen-Activated Protein Kinase Activation. Infection and Immunity, 2011, 79, 3552-3562.	1.0	85
139	Quantitative Proteomic Analysis Reveals Formation of an EscL-EscQ-EscN Type III Complex in Enteropathogenic Escherichia coli. Journal of Bacteriology, 2011, 193, 5514-5519.	1.0	36
140	Antibiotic Treatment Alters the Colonic Mucus Layer and Predisposes the Host to Exacerbated Citrobacter rodentium -Induced Colitis. Infection and Immunity, 2011, 79, 1536-1545.	1.0	322
141	The Deubiquitinase Activity of the Salmonella Pathogenicity Island 2 Effector, SseL, Prevents Accumulation of Cellular Lipid Droplets. Infection and Immunity, 2011, 79, 4392-4400.	1.0	40
142	A comparative analysis of the effect of antibiotic treatment and enteric infection on intestinal homeostasis. Gut Microbes, 2011, 2, 105-108.	4.3	45
143	Salmonella Phage ST64B Encodes a Member of the SseK/NleB Effector Family. PLoS ONE, 2011, 6, e17824.	1.1	66
144	The Intestinal Microbiota Plays a Role in Salmonella-Induced Colitis Independent of Pathogen Colonization. PLoS ONE, 2011, 6, e20338.	1.1	157

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145	Vaccination with type III secreted proteins leads to decreased shedding in calves after experimental infection with Escherichia coli O157. Canadian Journal of Veterinary Research, 2011, 75, 98-105.	0.2	15
146	The Art of Bacterial Warfare. Scientific American, 2010, 302, 56-63.	1.0	7
147	The future of mucosal immunology: studying an integrated system-wide organ. Nature Immunology, 2010, 11, 558-560.	7.0	104
148	Impaired innate immune response and enhanced pathology during Citrobacter rodentium infection in mice lacking functional P-selectin. Cellular Microbiology, 2010, 12, 1250-1271.	1.1	9
149	The pathogenic E. coli type III effector EspZ interacts with host CD98 and facilitates host cell prosurvival signalling. Cellular Microbiology, 2010, 12, 1322-1339.	1.1	58
150	Salmonella SPI-1-mediated neutrophil recruitment during enteric colitis is associated with reduction and alteration in intestinal microbiota. Gut Microbes, 2010, 1, 30-41.	4.3	57
151	Bacterial Macroscopic Rope-like Fibers with Cytopathic and Adhesive Properties. Journal of Biological Chemistry, 2010, 285, 32336-32342.	1.6	42
152	EseG, an Effector of the Type III Secretion System of Edwardsiella tarda , Triggers Microtubule Destabilization. Infection and Immunity, 2010, 78, 5011-5021.	1.0	62
153	Role for CD2AP and Other Endocytosis-Associated Proteins in Enteropathogenic Escherichia coli Pedestal Formation. Infection and Immunity, 2010, 78, 3316-3322.	1.0	17
154	Proteomics as a probe of microbial pathogenesis and its molecular boundaries. Future Microbiology, 2010, 5, 253-265.	1.0	22
155	Muc2 Protects against Lethal Infectious Colitis by Disassociating Pathogenic and Commensal Bacteria from the Colonic Mucosa. PLoS Pathogens, 2010, 6, e1000902.	2.1	501
156	Should the Human Microbiome Be Considered When Developing Vaccines?. PLoS Pathogens, 2010, 6, e1001190.	2.1	71
157	Breaking the Stereotype: Virulence Factorâ€“Mediated Protection of Host Cells in Bacterial Pathogenesis. PLoS Pathogens, 2010, 6, e1001057.	2.1	14
158	Gap junction hemichannels contribute to the generation of diarrhoea during infectious enteric disease. Gut, 2010, 59, 218-226.	6.1	47
159	The role of the immune system in regulating the microbiota. Gut Microbes, 2010, 1, 213-223.	4.3	32
160	Molecular mechanisms of Escherichia coli pathogenicity. Nature Reviews Microbiology, 2010, 8, 26-38.	13.6	875
161	Gut Microbiota in Health and Disease. Physiological Reviews, 2010, 90, 859-904.	13.1	3,287
162	A Comprehensive Proteomic Analysis of the Type III Secretome of Citrobacter rodentium. Journal of Biological Chemistry, 2010, 285, 6790-6800.	1.6	66

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163	Metabolomics: towards understanding hostâ€“microbe interactions. Future Microbiology, 2010, 5, 153-161.	1.0	48
164	The Phosphoinositide Phosphatase SopB Manipulates Membrane Surface Charge and Trafficking of the Salmonella-Containing Vacuole. Cell Host and Microbe, 2010, 7, 453-462.	5.1	144
165	Quorum sensing in bacterial virulence. Microbiology (United Kingdom), 2010, 156, 2271-2282.	0.7	443
166	The role of Tir, EspA, and NleB in the colonization of cattle by Shiga toxin producingEscherichia coliO26:H11. Canadian Journal of Microbiology, 2010, 56, 739-747.	0.8	16
167	Selectively Reduced Intracellular Proliferation of Salmonella enterica Serovar Typhimurium within APCs Limits Antigen Presentation and Development of a Rapid CD8 T Cell Response. Journal of Immunology, 2009, 183, 3778-3787.	0.4	36
168	Lack of Functional P-Selectin Ligand Exacerbates Salmonella Serovar Typhimurium Infection. Journal of Immunology, 2009, 182, 6550-6561.	0.4	17
169	Bacterial Effector Binding to Ribosomal Protein S3 Subverts NF-ÎºB Function. PLoS Pathogens, 2009, 5, e1000708.	2.1	144
170	Sequestosome-1/p62 Is the Key Intracellular Target of Innate Defense Regulator Peptide. Journal of Biological Chemistry, 2009, 284, 36007-36011.	1.6	67
171	SalmonellaInfection of Gallbladder Epithelial Cells Drives Local Inflammation and Injury in a Model of Acute Typhoid Fever. Journal of Infectious Diseases, 2009, 200, 1703-1713.	1.9	91
172	Structural Microengineers: Pathogenic Escherichia coli Redesigns the Actin Cytoskeleton in Host Cells. Structure, 2009, 17, 15-19.	1.6	16
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