B Brett Finlay

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

377 papers	42,808 citations	114 h-index	196 g-index
390 ext. papers	48,767 ext. citations	9.4 avg, IF	7.63 L-index

#	Paper	IF	Citations
377	Type VI secretion systems of pathogenic and commensal bacteria mediate niche occupancy in the gut.. *Cell Reports*, **2022**, 39, 110731	10.6	2
376	Secretory IgA: Linking microbes, maternal health, and infant health through human milk.. *Cell Host and Microbe*, **2022**, 30, 650-659	23.4	0
375	Effects of Gut Microbiota Alterations on Motor, Gastrointestinal, and Behavioral Phenotype in a Mouse Model of Parkinson Disease. *Journal of Parkinsonis Disease*, **2022**, 1-17	5.3	
374	Gut microbiome in Parkinson's disease: New insights from meta-analysis. *Parkinsonism and Related Disorders*, **2021**, 94, 1-9	3.6	11
373	Cross-feeding between intestinal pathobionts promotes their overgrowth during undernutrition. *Nature Communications*, **2021**, 12, 6860	17.4	0
372	Cervical Squamous Intraepithelial Lesions Are Associated with Differences in the Vaginal Microbiota of Mexican Women. *Microbiology Spectrum*, **2021**, 9, e0014321	8.9	0
371	Changes in IgA-targeted microbiota following fecal transplantation for recurrent infection. *Gut Microbes*, **2021**, 13, 1-12	8.8	5
370	Bacterial-fungal interactions in the neonatal gut influence asthma outcomes later in life. *ELife*, **2021**, 10,	8.9	3
369	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	5.2	1
368	Composition and Associations of the Infant Gut Fungal Microbiota with Environmental Factors and Childhood Allergic Outcomes. *MBio*, **2021**, 12, e0339620	7.8	2
367	Structural and Cellular Insights into the l,d-Transpeptidase YcbB as a Therapeutic Target in Citrobacter rodentium, Typhimurium, and Typhi Infections. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	2
366	MIND and Mediterranean Diets Associated with Later Onset of Parkinson's Disease. *Movement Disorders*, **2021**, 36, 977-984	7	12
365	Biogeography of the Relationship between the Child Gut Microbiome and Innate Immune System. *MBio*, **2021**, 12,	7.8	2
364	Diversity and dynamism of IgA-microbiota interactions. *Nature Reviews Immunology*, **2021**, 21, 514-525	36.5	31
363	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	5	2
362	When a pandemic and an epidemic collide: COVID-19, gut microbiota, and the double burden of malnutrition. *BMC Medicine*, **2021**, 19, 31	11.4	9
361	Quantitative proteomic screen identifies annexin A2 as a host target for Salmonella pathogenicity island-2 effectors SopD2 and PipB2. *Scientific Reports*, **2021**, 11, 23630	4.9	

360	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	35.1	51
359	Master Sculptor at Work: Enteropathogenic Escherichia coli Infection Uniquely Modifies Mitochondrial Proteolysis during Its Control of Human Cell Death. *MSystems*, **2020**, 5,	7.6	3
358	Breastmilk Feeding Practices Are Associated with the Co-Occurrence of Bacteria in Mothers' Milk and the Infant Gut: the CHILD Cohort Study. *Cell Host and Microbe*, **2020**, 28, 285-297.e4	23.4	51
357	Multiple Salmonella-pathogenicity island 2 effectors are required to facilitate bacterial establishment of its intracellular niche and virulence. *PLoS ONE*, **2020**, 15, e0235020	3.7	7
356	Dynamics of expression, secretion and translocation of type III effectors during enteropathogenic Escherichia coli infection. *Current Opinion in Microbiology*, **2020**, 54, 67-76	7.9	12
355	The Role of Lung and Gut Microbiota in the Pathology of Asthma. *Immunity*, **2020**, 52, 241-255	32.3	134
354	Mining the infant gut microbiota for therapeutic targets against atopic disease. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 2065-2068	9.3	11
353	Are noncommunicable diseases communicable?. *Science*, **2020**, 367, 250-251	33.3	32
352	Establishing or Exaggerating Causality for the Gut Microbiome: Lessons from Human Microbiota-Associated Rodents. *Cell*, **2020**, 180, 221-232	56.2	171
351	Microbiota Composition and Metabolism Are Associated With Gut Function in Parkinson's Disease. *Movement Disorders*, **2020**, 35, 1208-1217	7	82
350	Commensal Bacteria Modulate Immunoglobulin A Binding in Response to Host Nutrition. *Cell Host and Microbe*, **2020**, 27, 909-921.e5	23.4	27
349	Gender-Specific Beneficial Effects of Docosahexaenoic Acid Dietary Supplementation in G93A-SOD1 Amyotrophic Lateral Sclerosis Mice. *Neurotherapeutics*, **2020**, 17, 269-281	6.4	6
348	Reply to: 'Comment on "Microbiota Composition and Metabolism Are Associated With Gut Function in Parkinson's Disease"'. *Movement Disorders*, **2020**, 35, 1695-1697	7	4
347	Immunoglobulin recognition of fecal bacteria in stunted and non-stunted children: findings from the Afribiota study. *Microbiome*, **2020**, 8, 113	16.6	8
346	Here, there, and everywhere: How pathogenic Escherichia coli sense and respond to gastrointestinal biogeography. *Cellular Microbiology*, **2019**, 21, e13107	3.9	10
345	Persistent Salmonella enterica Serovar Typhimurium Infection Induces Protease Expression During Intestinal Fibrosis. *Inflammatory Bowel Diseases*, **2019**, 25, 1629-1643	4.5	7
344	The Gut Microbiota-Brain Axis Expands Neurologic Function: A Nervous Rapport. *BioEssays*, **2019**, 41, e1800268	4.1	7
343	Thinking bigger: How early-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	9.3	57

342	T3S injectisome needle complex structures in four distinct states reveal the basis of membrane coupling and assembly. *Nature Microbiology*, **2019**, 4, 2010-2019	26.6	30
341	Gut microbes, ageing & organ function: a chameleon in modern biology?. *EMBO Molecular Medicine*, **2019**, 11, e9872	12	9
340	Association between the intestinal microbiota and allergic sensitization, eczema, and asthma: A systematic review. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 467-485	11.5	81
339	The Human Microbiome and Child Growth - First 1000 Days and Beyond. *Trends in Microbiology*, **2019**, 27, 131-147	12.4	238
338	Characterization of the Citrobacter rodentium Cpx regulon and its role in host infection. *Molecular Microbiology*, **2019**, 111, 700-716	4.1	6
337	A Nonpyroptotic IFN- Triggered Cell Death Mechanism in Nonphagocytic Cells Promotes Clearance In Vivo. *Journal of Immunology*, **2018**, 200, 3626-3634	5.3	12
336	Good Bug, Bad Bug: Breaking through Microbial Stereotypes. *Cell Host and Microbe*, **2018**, 23, 10-13	23.4	33
335	Microbiome-driven allergic lung inflammation is ameliorated by short-chain fatty acids. *Mucosal Immunology*, **2018**, 11, 785-795	9.2	120
334	Characterization of the two conformations adopted by the T3SS inner-membrane protein PrgK. *Protein Science*, **2018**, 27, 1680-1691	6.3	2
333	Identifying the etiology and pathophysiology underlying stunting and environmental enteropathy: study protocol of the AFRIBIOTA project. *BMC Pediatrics*, **2018**, 18, 236	2.6	17
332	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	11.5	71
331	Bottoms up: the role of gut microbiota in brain health. *Environmental Microbiology*, **2018**, 21, 3197	5.2	12
330	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	11.5	105
329	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	5.6	14
328	Asymptomatic Intestinal Colonization with Protist Is Strongly Associated with Distinct Microbiome Ecological Patterns. *MSystems*, **2018**, 3,	7.6	56
327	Sharpening Host Defenses during Infection: Proteases Cut to the Chase. *Molecular and Cellular Proteomics*, **2017**, 16, S161-S171	7.6	28
326	Gut microbiota-mediated protection against diarrheal infections. *Journal of Travel Medicine*, **2017**, 24, S39-S43	12.9	33
325	Enteric Helminths Promote Salmonella Coinfection by Altering the Intestinal Metabolome. *Journal of Infectious Diseases*, **2017**, 215, 1245-1254	7	41

324	Assembly, structure, function and regulation of type III secretion systems. *Nature Reviews Microbiology*, **2017**, 15, 323-337	22.2	273
323	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,	7.8	25
322	Infections: Feeding the microbial multitudes: co-infection in a malnourished host. *Nature Reviews Gastroenterology and Hepatology*, **2017**, 14, 695-696	24.2	
321	Repression of Salmonella Host Cell Invasion by Aromatic Small Molecules from the Human Fecal Metabolome. *Applied and Environmental Microbiology*, **2017**, 83,	4.8	11
320	Microbial Insights into Asthmatic Immunopathology. A Forward-Looking Synthesis and Commentary. *Annals of the American Thoracic Society*, **2017**, 14, S316-S325	4.7	4
319	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,	4.8	24
318	Further investigation of inhibitors of MRSA pyruvate kinase: Towards the conception of novel antimicrobial agents. *European Journal of Medicinal Chemistry*, **2017**, 125, 1-13	6.8	13
317	Human Intestinal Microbiota: Interaction Between Parasites and the Host Immune Response. *Archives of Medical Research*, **2017**, 48, 690-700	6.6	49
316	What the SIF Is Happening-The Role of Intracellular -Induced Filaments. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 335	5.9	31
315	Salmonella Rapidly Regulates Membrane Permeability To Survive Oxidative Stress. *MBio*, **2016**, 7,	7.8	40
314	Shifts in Lachnospira and Clostridium sp. in the 3-month stool microbiome are associated with preschool age asthma. *Clinical Science*, **2016**, 130, 2199-2207	6.5	60
313	Exploring the redox balance inside gram-negative bacteria with redox-sensitive GFP. *Free Radical Biology and Medicine*, **2016**, 91, 34-44	7.8	25
312	A novel approach for emerging and antibiotic resistant infections: Innate defense regulators as an agnostic therapy. *Journal of Biotechnology*, **2016**, 226, 24-34	3.7	15
311	Nutrient Deprivation Affects Salmonella Invasion and Its Interaction with the Gastrointestinal Microbiota. *PLoS ONE*, **2016**, 11, e0159676	3.7	7
310	Near-atomic-resolution cryo-EM analysis of the Salmonella T3S injectisome basal body. *Nature*, **2016**, 540, 597-601	50.4	96
309	Quantitative Mass Spectrometry Identifies Novel Host Binding Partners for Pathogenic Escherichia coli Type III Secretion System Effectors. *Journal of Proteome Research*, **2016**, 15, 1613-22	5.6	8
308	Analysis of bacterial survival after exposure to reactive oxygen species or antibiotics. *Data in Brief*, **2016**, 7, 894-9	1.2	2
307	A humanized microbiota mouse model of ovalbumin-induced lung inflammation. *Gut Microbes*, **2016** , 7, 342-352	8.8	19

306	Human Microbiota-Associated Mice: A Model with Challenges. *Cell Host and Microbe*, **2016**, 19, 575-8	23.4	122
305	Microbiota-Mediated Immunomodulation and Asthma: Current and Future Perspectives. *Current Treatment Options in Allergy*, **2016**, 3, 292-309	1	5
304	Microbes and the mind: emerging hallmarks of the gut microbiota-brain axis. *Cellular Microbiology*, **2016**, 18, 632-44	3.9	80
303	Novel Host Proteins and Signaling Pathways in Enteropathogenic E. coli Pathogenesis Identified by Global Phosphoproteome Analysis. *Molecular and Cellular Proteomics*, **2015**, 14, 1927-45	7.6	25
302	Chemical communication in the gut: Effects of microbiota-generated metabolites on gastrointestinal bacterial pathogens. *Anaerobe*, **2015**, 34, 106-15	2.8	71
301	Structural analysis of a specialized type III secretion system peptidoglycan-cleaving enzyme. *Journal of Biological Chemistry*, **2015**, 290, 10406-17	5.4	33
300	Identification and regulation of a novel Citrobacter rodentium gut colonization fimbria (Gcf). *Journal of Bacteriology*, **2015**, 197, 1478-91	3.5	4
299	Early infancy microbial and metabolic alterations affect risk of childhood asthma. *Science Translational Medicine*, **2015**, 7, 307ra152	17.5	893
298	Diet and specific microbial exposure trigger features of environmental enteropathy in a novel murine model. *Nature Communications*, **2015**, 6, 7806	17.4	117
297	Cohabitation in the Intestine: Interactions among Helminth Parasites, Bacterial Microbiota, and Host Immunity. *Journal of Immunology*, **2015**, 195, 4059-66	5.3	102
296	A Highly Effective Component Vaccine against Nontyphoidal Salmonella enterica Infections. *MBio*, **2015**, 6, e01421-15	7.8	10
295	The hygiene hypothesis: current perspectives and future therapies. *ImmunoTargets and Therapy*, **2015**, 4, 143-57	9	96
294	Phytonutrient diet supplementation promotes beneficial Clostridia species and intestinal mucus secretion resulting in protection against enteric infection. *Scientific Reports*, **2015**, 5, 9253	4.9	86
293	The Serine Protease Autotransporter Pic Modulates Citrobacter rodentium Pathogenesis and Its Innate Recognition by the Host. *Infection and Immunity*, **2015**, 83, 2636-50	3.7	15
292	Worming Their Way into the Picture: Microbiota Help Helminths Modulate Host Immunity. *Immunity* , **2015**, 43, 840-2	32.3	5
291	Perinatal antibiotic-induced shifts in gut microbiota have differential effects on inflammatory lung diseases. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 100-9	11.5	89
290	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, 560-5	11.5	58
289	Bringing down the host: enteropathogenic and enterohaemorrhagic Escherichia coli effector-mediated subversion of host innate immune pathways. *Cellular Microbiology*, **2015**, 17, 318-32	3.9	52

288	SepD/SepL-dependent secretion signals of the type III secretion system translocator proteins in enteropathogenic Escherichia coli. *Journal of Bacteriology*, **2015**, 197, 1263-75	3.5	19
287	Real-time Measurement of the Intra-bacterial Redox Potential. *Bio-protocol*, **2015**, 5, 1-9	0.9	5
286	NLRP6 inflammasome orchestrates the colonic host-microbial interface by regulating goblet cell mucus secretion. *Cell*, **2014**, 156, 1045-59	56.2	445
285	Autophagy facilitates Salmonella replication in HeLa cells. *MBio*, **2014**, 5, e00865-14	7.8	69
284	Influence of the microbiota on vaccine effectiveness. *Trends in Immunology*, **2014**, 35, 526-37	14.4	102
283	Effects of antibiotics on human microbiota and subsequent disease. *Annual Review of Microbiology*, **2014**, 68, 217-35	17.5	170
282	Citrobacter rodentium: infection, inflammation and the microbiota. *Nature Reviews Microbiology*, **2014**, 12, 612-23	22.2	277
281	Gastrointestinal microbiota-mediated control of enteric pathogens. *Annual Review of Genetics*, **2014**, 48, 361-82	14.5	42
280	The intestinal microbiota and allergic asthma. *Journal of Infection*, **2014**, 69 Suppl 1, S53-5	18.9	24
279	Cell Biology of Salmonella Pathogenesis **2014**, 249-261		5
278	Commensal-pathogen interactions in the intestinal tract: lactobacilli promote infection with, and are promoted by, helminth parasites. *Gut Microbes*, **2014**, 5, 522-32	8.8	152
277	Lyn deficiency leads to increased microbiota-dependent intestinal inflammation and susceptibility to enteric pathogens. *Journal of Immunology*, **2014**, 193, 5249-63	5.3	12
276	The intestinal microbiome in early life: health and disease. *Frontiers in Immunology*, **2014**, 5, 427	8.4	472
275	Antivirulence activity of the human gut metabolome. *MBio*, **2014**, 5, e01183-14	7.8	42
274	Targeting the type III secretion system to treat bacterial infections. *Expert Opinion on Therapeutic Targets*, **2014**, 18, 137-52	6.4	52
273	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, 1708-25	3.4	29
272	Recent advances in understanding enteric pathogenic Escherichia coli. *Clinical Microbiology Reviews* , **2013**, 26, 822-80	34	735
271	Global impact of Salmonella pathogenicity island 2-secreted effectors on the host phosphoproteome. *Molecular and Cellular Proteomics*, **2013**, 12, 1632-43	7.6	28

270	A fresh look at the hygiene hypothesis: how intestinal microbial exposure drives immune effector responses in atopic disease. *Seminars in Immunology*, **2013**, 25, 378-87	10.7	51
269	In vitro and in vivo model systems for studying enteropathogenic Escherichia coli infections. *Cold Spring Harbor Perspectives in Medicine*, **2013**, 3, a009977	5.4	42
268	The role of the immune system in governing host-microbe interactions in the intestine. *Nature Immunology*, **2013**, 14, 660-7	19.1	248
267	The Salmonella type III effector SspH2 specifically exploits the NLR co-chaperone activity of SGT1 to subvert immunity. *PLoS Pathogens*, **2013**, 9, e1003518	7.6	57
266	15-Deoxy-Δ12,14-prostaglandin J2 inhibits macrophage colonization by Salmonella enterica serovar Typhimurium. *PLoS ONE*, **2013**, 8, e69759	3.7	14
265	Type III effector-mediated processes in Salmonella infection. *Future Microbiology*, **2012**, 7, 685-703	2.9	60
264	Bacterial effector interplay: a new way to view effector function. *Trends in Microbiology*, **2012**, 20, 214-9	12.4	32
263	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, 148-54	9.3	20
262	Neutrophil elastase alters the murine gut microbiota resulting in enhanced Salmonella colonization. *PLoS ONE*, **2012**, 7, e49646	3.7	46
261	The zinc regulated antivirulence pathway of Salmonella is a multiprotein immunoglobulin adhesion system. *Journal of Biological Chemistry*, **2012**, 287, 32324-37	5.4	10
260	Role of inflammasomes in host defense against Citrobacter rodentium infection. *Journal of Biological Chemistry*, **2012**, 287, 16955-64	5.4	115
259	The commensal microbiota drives immune homeostasis. *Frontiers in Immunology*, **2012**, 3, 33	8.4	42
258	Characterization of rOrf8/EscI of the enteropathogenic Escherichia coli as an inner rod protein. *FASEB Journal*, **2012**, 26, 604.6	0.9	
257	Altering host resistance to infections through microbial transplantation. *PLoS ONE*, **2011**, 6, e26988	3.7	127
256	Roadblocks in the gut: barriers to enteric infection. *Cellular Microbiology*, **2011**, 13, 660-9	3.9	52
255	The pathogenic Escherichia coli type III secreted protease NleC degrades the host acetyltransferase p300. *Cellular Microbiology*, **2011**, 13, 1542-57	3.9	46
254	Shifting the balance: antibiotic effects on host-microbiota mutualism. *Nature Reviews Microbiology*, **2011**, 9, 233-43	22.2	443
253	Mapping the protein interaction network in methicillin-resistant Staphylococcus aureus. *Journal of Proteome Research*, **2011**, 10, 1139-50	5.6	49

252	Harvesting the biological potential of the human gut microbiome. *BioEssays*, **2011**, 33, 414-8	4.1	8
251	Effect of antibiotic treatment on the intestinal metabolome. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 1494-503	5.9	190
250	A comprehensive study of the contribution of Salmonella enterica serovar Typhimurium SPI2 effectors to bacterial colonization, survival, and replication in typhoid fever, macrophage, and epithelial cell infection models. *Virulence*, **2011**, 2, 208-16	4.7	38
249	Impact of salmonella infection on host hormone metabolism revealed by metabolomics. *Infection and Immunity*, **2011**, 79, 1759-69	3.7	64
248	Protective role of Akt2 in Salmonella enterica serovar typhimurium-induced gastroenterocolitis. *Infection and Immunity*, **2011**, 79, 2554-66	3.7	18
247	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, 4784-90	3.7	27
246	Quantitative mass spectrometry catalogues Salmonella pathogenicity island-2 effectors and identifies their cognate host binding partners. *Journal of Biological Chemistry*, **2011**, 286, 24023-35	5.4	49
245	Attaching and effacing bacterial effector NleC suppresses epithelial inflammatory responses by inhibiting NF-B and p38 mitogen-activated protein kinase activation. *Infection and Immunity*, **2011**, 79, 3552-62	3.7	75
244	Quantitative proteomic analysis reveals formation of an EscL-EscQ-EscN type III complex in enteropathogenic Escherichia coli. *Journal of Bacteriology*, **2011**, 193, 5514-9	3.5	33
243	Antibiotic treatment alters the colonic mucus layer and predisposes the host to exacerbated Citrobacter rodentium-induced colitis. *Infection and Immunity*, **2011**, 79, 1536-45	3.7	259
242	The deubiquitinase activity of the Salmonella pathogenicity island 2 effector, SseL, prevents accumulation of cellular lipid droplets. *Infection and Immunity*, **2011**, 79, 4392-400	3.7	34
241	A comparative analysis of the effect of antibiotic treatment and enteric infection on intestinal homeostasis. *Gut Microbes*, **2011**, 2, 105-8	8.8	29
240	Salmonella phage ST64B encodes a member of the SseK/NleB effector family. *PLoS ONE*, **2011**, 6, e17824	3.7	52
239	The intestinal microbiota plays a role in Salmonella-induced colitis independent of pathogen colonization. *PLoS ONE*, **2011**, 6, e20338	3.7	120
238	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	0.5	14
237	The art of bacterial warfare. *Scientific American*, **2010**, 302, 56-63	0.5	4
236	The future of mucosal immunology: studying an integrated system-wide organ. *Nature Immunology*, **2010**, 11, 558-60	19.1	87
235	Impaired innate immune response and enhanced pathology during Citrobacter rodentium infection in mice lacking functional P-selectin. *Cellular Microbiology*, **2010**, 12, 1250-71	3.9	7

234	The pathogenic E. coli type III effector EspZ interacts with host CD98 and facilitates host cell prosurvival signalling. *Cellular Microbiology*, **2010**, 12, 1322-39	3.9	49
233	Salmonella SPI-1-mediated neutrophil recruitment during enteric colitis is associated with reduction and alteration in intestinal microbiota. *Gut Microbes*, **2010**, 1, 30-41	8.8	49
232	Bacterial macroscopic rope-like fibers with cytopathic and adhesive properties. *Journal of Biological Chemistry*, **2010**, 285, 32336-42	5.4	37
231	EseG, an effector of the type III secretion system of Edwardsiella tarda, triggers microtubule destabilization. *Infection and Immunity*, **2010**, 78, 5011-21	3.7	52
230	Role for CD2AP and other endocytosis-associated proteins in enteropathogenic Escherichia coli pedestal formation. *Infection and Immunity*, **2010**, 78, 3316-22	3.7	15
229	Proteomics as a probe of microbial pathogenesis and its molecular boundaries. *Future Microbiology*, **2010**, 5, 253-65	2.9	22
228	Muc2 protects against lethal infectious colitis by disassociating pathogenic and commensal bacteria from the colonic mucosa. *PLoS Pathogens*, **2010**, 6, e1000902	7.6	386
227	Should the human microbiome be considered when developing vaccines?. *PLoS Pathogens*, **2010**, 6, e1001190	7.6	59
226	Breaking the stereotype: virulence factor-mediated protection of host cells in bacterial pathogenesis. *PLoS Pathogens*, **2010**, 6, e1001057	7.6	11
225	Gap junction hemichannels contribute to the generation of diarrhoea during infectious enteric disease. *Gut*, **2010**, 59, 218-26	19.2	37
224	The role of the immune system in regulating the microbiota. *Gut Microbes*, **2010**, 1, 213-223	8.8	31
223	Molecular mechanisms of Escherichia coli pathogenicity. *Nature Reviews Microbiology*, **2010**, 8, 26-38	22.2	637
222	Gut microbiota in health and disease. *Physiological Reviews*, **2010**, 90, 859-904	47.9	2462
221	A comprehensive proteomic analysis of the type III secretome of Citrobacter rodentium. *Journal of Biological Chemistry*, **2010**, 285, 6790-800	5.4	56
220	Metabolomics: towards understanding host-microbe interactions. *Future Microbiology*, **2010**, 5, 153-61	2.9	38
219	The phosphoinositide phosphatase SopB manipulates membrane surface charge and trafficking of the Salmonella-containing vacuole. *Cell Host and Microbe*, **2010**, 7, 453-62	23.4	121
218	Quorum sensing in bacterial virulence. *Microbiology (United Kingdom)*, **2010**, 156, 2271-2282	2.9	372
217	The role of Tir, EspA, and NleB in the colonization of cattle by Shiga toxin producing Escherichia coli O26:H11. *Canadian Journal of Microbiology*, **2010**, 56, 739-47	3.2	15

216	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, 3778-87	5.3	31
215	Lack of functional P-selectin ligand exacerbates Salmonella serovar typhimurium infection. *Journal of Immunology*, **2009**, 182, 6550-61	5.3	15
214	Bacterial effector binding to ribosomal protein s3 subverts NF-kappaB function. *PLoS Pathogens*, **2009**, 5, e1000708	7.6	127
213	Sequestosome-1/p62 is the key intracellular target of innate defense regulator peptide. *Journal of Biological Chemistry*, **2009**, 284, 36007-36011	5.4	54
212	Salmonella infection of gallbladder epithelial cells drives local inflammation and injury in a model of acute typhoid fever. *Journal of Infectious Diseases*, **2009**, 200, 1703-13	7	77
211	Structural microengineers: pathogenic Escherichia coli redesigns the actin cytoskeleton in host cells. *Structure*, **2009**, 17, 15-9	5.2	13
210	Nramp1 drives an accelerated inflammatory response during Salmonella-induced colitis in mice. *Cellular Microbiology*, **2009**, 11, 351-62	3.9	56
209	Co-evolution and exploitation of host cell signaling pathways by bacterial pathogens. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 380-9	5.6	38
208	Tight junctions as targets of infectious agents. *Biochimica Et Biophysica Acta - Biomembranes*, **2009**, 1788, 832-41	3.8	260
207	Molecular mechanisms of Salmonella virulence and host resistance. *Current Topics in Microbiology and Immunology*, **2009**, 337, 93-127	3.3	77
206	Nramp1 expression by dendritic cells modulates inflammatory responses during Salmonella Typhimurium infection. *Cellular Microbiology*, **2008**, 10, 1646-61	3.9	34
205	Chronic enteric salmonella infection in mice leads to severe and persistent intestinal fibrosis. *Gastroenterology*, **2008**, 134, 768-80	13.3	106
204	Subcellular alterations that lead to diarrhea during bacterial pathogenesis. *Trends in Microbiology*, **2008**, 16, 535-42	12.4	36
203	Specific microbiota direct the differentiation of IL-17-producing T-helper cells in the mucosa of the small intestine. *Cell Host and Microbe*, **2008**, 4, 337-49	23.4	1251
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