

Wolf-Dietrich Hardt

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

20,691
citations

12322

69
h-index

11601

135
g-index

212
all docs

212
docs citations

212
times ranked

19200
citing authors

#	ARTICLE	IF	CITATIONS
1	A Motile Doublet Form of <i>Salmonella Typhimurium</i> Diversifies Target Search Behaviour at the Epithelial Surface. <i>Molecular Microbiology</i> , 2022, , .	1.2	2
2	Impact of horizontal gene transfer on emergence and stability of cooperative virulence in <i>Salmonella Typhimurium</i> . <i>Nature Communications</i> , 2022, 13, 1939.	5.8	14
3	KappaB fluorescent reporter mice enable low-background single-cell detection of NF- κ B transcriptional activity in vivo. <i>Mucosal Immunology</i> , 2022, 15, 656-667.	2.7	1
4	Epithelial inflammasomes in the defense against <i>Salmonella</i> gut infection. <i>Current Opinion in Microbiology</i> , 2021, 59, 86-94.	2.3	31
5	Plasmid- and strain-specific factors drive variation in ESBL-plasmid spread in vitro and in vivo. <i>ISME Journal</i> , 2021, 15, 862-878.	4.4	66
6	Elucidating host-microbe interactions <i>in vivo</i> by studying population dynamics using neutral genetic tags. <i>Immunology</i> , 2021, 162, 341-356.	2.0	10
7	Analysis of <i>Salmonella</i> Persister Population Sizes, Dynamics of Gut Luminal Seeding, and in of Salmonellosis. <i>Methods in Molecular Biology</i> , 2021, 2357, 253-272.	0.4	0
8	Pathogen's dynamic standoff with the host. <i>Current Opinion in Microbiology</i> , 2021, 59, iii-v.	2.3	1
9	High throughput sequencing provides exact genomic locations of inducible prophages and accurate phage-to-host ratios in gut microbial strains. <i>Microbiome</i> , 2021, 9, 77.	4.9	20
10	Epithelium-autonomous NAIP/NLRC4 prevents TNF-driven inflammatory destruction of the gut epithelial barrier in <i>Salmonella</i> -infected mice. <i>Mucosal Immunology</i> , 2021, 14, 615-629.	2.7	45
11	Bacterial detection by NAIP/NLRC4 elicits prompt contractions of intestinal epithelial cell layers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
12	Long-term evolution and short-term adaptation of microbiota strains and sub-strains in mice. <i>Cell Host and Microbe</i> , 2021, 29, 650-663.e9.	5.1	58
13	A rationally designed oral vaccine induces immunoglobulin A in the murine gut that directs the evolution of attenuated <i>Salmonella</i> variants. <i>Nature Microbiology</i> , 2021, 6, 830-841.	5.9	21
14	Dynamic modelling to identify mitigation strategies for the COVID-19 pandemic. <i>Swiss Medical Weekly</i> , 2021, 151, w20487.	0.8	6
15	miR-802 regulates Paneth cell function and enterocyte differentiation in the mouse small intestine. <i>Nature Communications</i> , 2021, 12, 3339.	5.8	16
16	Microbiota-derived metabolites inhibit <i>Salmonella</i> virulent subpopulation development by acting on single-cell behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	20
17	Intercrypt sentinel macrophages tune antibacterial NF- κ B responses in gut epithelial cells via TNF. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	14
18	CXCL12-abundant reticular cells are the major source of IL-6 upon LPS stimulation and thereby regulate hematopoiesis. <i>Blood Advances</i> , 2021, 5, 5002-5015.	2.5	9

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19	Salmonella effector driven invasion of the gut epithelium: breaking in and setting the house on fire. <i>Current Opinion in Microbiology</i> , 2021, 64, 9-18.	2.3	36
20	The Polar <i>Legionella</i> Icm/Dot T4SS Establishes Distinct Contact Sites with the Pathogen Vacuole Membrane. <i>MBio</i> , 2021, 12, e0218021.	1.8	10
21	Smart investment of virus RNA testing resources to enhance Covid-19 mitigation. <i>PLoS ONE</i> , 2021, 16, e0259018.	1.1	3
22	Pathogen invasion-dependent tissue reservoirs and plasmid-encoded antibiotic degradation boost plasmid spread in the gut. <i>ELife</i> , 2021, 10, .	2.8	15
23	Silicon Nitride, a Bioceramic for Bone Tissue Engineering: A Reinforced Cryogel System With Antibiofilm and Osteogenic Effects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 794586.	2.0	14
24	How Food Affects Colonization Resistance Against Enteropathogenic Bacteria. <i>Annual Review of Microbiology</i> , 2020, 74, 787-813.	2.9	27
25	Salmonella Typhimurium discreet-invasion of the murine gut absorptive epithelium. <i>PLoS Pathogens</i> , 2020, 16, e1008503.	2.1	37
26	The Interplay between Salmonella enterica Serovar Typhimurium and the Intestinal Mucosa during Oral Infection. , 2020, , 41-57.		1
27	Import of Aspartate and Malate by DcuABC Drives H ₂ /Fumarate Respiration to Promote Initial Salmonella Gut-Lumen Colonization in Mice. <i>Cell Host and Microbe</i> , 2020, 27, 922-936.e6.	5.1	58
28	Evolutionary causes and consequences of bacterial antibiotic persistence. <i>Nature Reviews Microbiology</i> , 2020, 18, 479-490.	13.6	113
29	Spatiotemporal proteomics uncovers cathepsin-dependent macrophage cell death during Salmonella infection. <i>Nature Microbiology</i> , 2020, 5, 1119-1133.	5.9	30
30	Germ-free and microbiota-associated mice yield small intestinal epithelial organoids with equivalent and robust transcriptome/proteome expression phenotypes. <i>Cellular Microbiology</i> , 2020, 22, e13191.	1.1	26
31	Intestinal epithelial NAIP/NLRC4 restricts systemic dissemination of the adapted pathogen Salmonella Typhimurium due to site-specific bacterial PAMP expression. <i>Mucosal Immunology</i> , 2020, 13, 530-544.	2.7	94
32	Salmonella persists promote the spread of antibiotic resistance plasmids in the gut. <i>Nature</i> , 2019, 573, 276-280.	13.7	169
33	Escherichia coli limits Salmonella Typhimurium infections after diet shifts and fat-mediated microbiota perturbation in mice. <i>Nature Microbiology</i> , 2019, 4, 2164-2174.	5.9	88
34	Enchained growth and cluster dislocation: A possible mechanism for microbiota homeostasis. <i>PLoS Computational Biology</i> , 2019, 15, e1006986.	1.5	20
35	Mucus Architecture and Near-Surface Swimming Affect Distinct Salmonella Typhimurium Infection Patterns along the Murine Intestinal Tract. <i>Cell Reports</i> , 2019, 27, 2665-2678.e3.	2.9	88
36	Barcoded Consortium Infections Resolve Cell Type-Dependent Salmonella enterica Serovar Typhimurium Entry Mechanisms. <i>MBio</i> , 2019, 10, .	1.8	17

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37	The Interplay between <i>Salmonella enterica</i> Serovar Typhimurium and the Intestinal Mucosa during Oral Infection. <i>Microbiology Spectrum</i> , 2019, 7, .	1.2	15
38	Definitions and guidelines for research on antibiotic persistence. <i>Nature Reviews Microbiology</i> , 2019, 17, 441-448.	13.6	748
39	Multi-omic measurements of heterogeneity in HeLa cells across laboratories. <i>Nature Biotechnology</i> , 2019, 37, 314-322.	9.4	254
40	Basic Processes in <i>Salmonella</i> -Host Interactions: Within-Host Evolution and the Transmission of the Virulent Genotype. , 2019, , 81-94.		0
41	The Major RNA-Binding Protein ProQ Impacts Virulence Gene Expression in <i>Salmonella enterica</i> Serovar Typhimurium. <i>MBio</i> , 2019, 10, .	1.8	81
42	ATP released by intestinal bacteria limits the generation of protective IgA against enteropathogens. <i>Nature Communications</i> , 2019, 10, 250.	5.8	63
43	Consequences of Epithelial Inflammasome Activation by Bacterial Pathogens. <i>Journal of Molecular Biology</i> , 2018, 430, 193-206.	2.0	15
44	Growth-restricting effects of siRNA transfections: a largely deterministic combination of off-target binding and hybridization-independent competition. <i>Nucleic Acids Research</i> , 2018, 46, 9309-9320.	6.5	7
45	Microbiota stability in healthy individuals after single-dose lactulose challenge – A randomized controlled study. <i>PLoS ONE</i> , 2018, 13, e0206214.	1.1	18
46	Inflammatory bactericidal lectin RegIII ² : Friend or foe for the host?. <i>Gut Microbes</i> , 2018, 9, 179-187.	4.3	20
47	The Bactericidal Lectin RegIII ² Prolongs Gut Colonization and Enteropathy in the Streptomycin Mouse Model for <i>Salmonella</i> Diarrhea. <i>Cell Host and Microbe</i> , 2017, 21, 195-207.	5.1	84
48	Myeloperoxidase targets oxidative host attacks to <i>Salmonella</i> and prevents collateral tissue damage. <i>Nature Microbiology</i> , 2017, 2, 16268.	5.9	58
49	High-avidity IgA protects the intestine by enchainning growing bacteria. <i>Nature</i> , 2017, 544, 498-502.	13.7	307
50	<i>Salmonella</i> Typhimurium Diarrhea Reveals Basic Principles of Enteropathogen Infection and Disease-Promoted DNA Exchange. <i>Cell Host and Microbe</i> , 2017, 21, 443-454.	5.1	98
51	Evolution of bacterial virulence. <i>FEMS Microbiology Reviews</i> , 2017, 41, 679-697.	3.9	139
52	Inflammation boosts bacteriophage transfer between <i>Salmonella</i> spp.. <i>Science</i> , 2017, 355, 1211-1215.	6.0	160
53	Pathogen-Induced TLR4-TRIF Innate Immune Signaling in Hematopoietic Stem Cells Promotes Proliferation but Reduces Competitive Fitness. <i>Cell Stem Cell</i> , 2017, 21, 225-240.e5.	5.2	210
54	Basic Processes in <i>Salmonella</i> -Host Interactions: Within-Host Evolution and the Transmission of the Virulent Genotype. <i>Microbiology Spectrum</i> , 2017, 5, .	1.2	16

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55	The Impact of 18 Ancestral and Horizontally-Acquired Regulatory Proteins upon the Transcriptome and sRNA Landscape of <i>Salmonella enterica</i> serovar Typhimurium. <i>PLoS Genetics</i> , 2016, 12, e1006258.	1.5	129
56	IFN- γ Hinders Recovery from Mucosal Inflammation during Antibiotic Therapy for <i>Salmonella</i> Gut Infection. <i>Cell Host and Microbe</i> , 2016, 20, 238-249.	5.1	33
57	Antimicrobial resistance: Survival by reversible resistance. <i>Nature Microbiology</i> , 2016, 1, 16072.	5.9	2
58	Epitope-Tagged Autotransporters as Single-Cell Reporters for Gene Expression by a <i>Salmonella</i> Typhimurium <i>wbaP</i> Mutant. <i>PLoS ONE</i> , 2016, 11, e0154828.	1.1	5
59	A Genome-Wide siRNA Screen Implicates Spire1/2 in SipA-Driven <i>Salmonella</i> Typhimurium Host Cell Invasion. <i>PLoS ONE</i> , 2016, 11, e0161965.	1.1	16
60	An NK Cell Perforin Response Elicited via IL-18 Controls Mucosal Inflammation Kinetics during <i>Salmonella</i> Gut Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005723.	2.1	51
61	Population Dynamics Analysis of Ciprofloxacin-Persistent <i>S. Typhimurium</i> Cells in a Mouse Model for <i>Salmonella</i> Diarrhea. <i>Methods in Molecular Biology</i> , 2016, 1333, 189-203.	0.4	2
62	gespeR: a statistical model for deconvoluting off-target-confounded RNA interference screens. <i>Genome Biology</i> , 2015, 16, 220.	3.8	35
63	Low-oxygen tensions found in <i>S. almonella</i> -infected gut tissue boost <i>S. almonella</i> replication in macrophages by impairing antimicrobial activity and augmenting <i>S. almonella</i> virulence. <i>Cellular Microbiology</i> , 2015, 17, 1833-1847.	1.1	43
64	Indirect Toll-like receptor 5-mediated activation of conventional dendritic cells promotes the mucosal adjuvant activity of flagellin in the respiratory tract. <i>Vaccine</i> , 2015, 33, 3331-3341.	1.7	24
65	Cholera toxin-B (ctxB) antigen expressing <i>Salmonella</i> Typhimurium polyvalent vaccine exerts protective immune response against <i>Vibrio cholerae</i> infection. <i>Vaccine</i> , 2015, 33, 1880-1889.	1.7	8
66	Experimental approaches to phenotypic diversity in infection. <i>Current Opinion in Microbiology</i> , 2015, 27, 25-36.	2.3	34
67	Inflammasomes of the intestinal epithelium. <i>Trends in Immunology</i> , 2015, 36, 442-450.	2.9	76
68	Homed to the hideout. <i>Nature</i> , 2015, 527, 309-310.	13.7	3
69	Autophagy Proteins Promote Repair of Endosomal Membranes Damaged by the <i>Salmonella</i> Type Three Secretion System 1. <i>Cell Host and Microbe</i> , 2015, 18, 527-537.	5.1	116
70	Granulocytes Impose a Tight Bottleneck upon the Gut Luminal Pathogen Population during <i>Salmonella</i> Typhimurium Colitis. <i>PLoS Pathogens</i> , 2014, 10, e1004557.	2.1	73
71	Bistable Expression of Virulence Genes in <i>Salmonella</i> Leads to the Formation of an Antibiotic-Tolerant Subpopulation. <i>PLoS Biology</i> , 2014, 12, e1001928.	2.6	172
72	Cecum Lymph Node Dendritic Cells Harbor Slow-Growing Bacteria Phenotypically Tolerant to Antibiotic Treatment. <i>PLoS Biology</i> , 2014, 12, e1001793.	2.6	139

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73	The <i>Salmonella</i> Typhimurium effector protein SopE transiently localizes to the early SCV and contributes to intracellular replication. <i>Cellular Microbiology</i> , 2014, 16, 1723-1735.	1.1	35
74	Simultaneous analysis of large-scale RNAi screens for pathogen entry. <i>BMC Genomics</i> , 2014, 15, 1162.	1.2	38
75	Specific inhibition of diverse pathogens in human cells by synthetic microRNA-like oligonucleotides inferred from RNAi screens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4548-4553.	3.3	60
76	Antibiotic Treatment Selects for Cooperative Virulence of <i>Salmonella</i> Typhimurium. <i>Current Biology</i> , 2014, 24, 2000-2005.	1.8	87
77	Epithelium-Intrinsic NAIP/NLRC4 Inflammasome Drives Infected Enterocyte Expulsion to Restrict <i>Salmonella</i> Replication in the Intestinal Mucosa. <i>Cell Host and Microbe</i> , 2014, 16, 237-248.	5.1	327
78	<i>Salmonella</i> Typhimurium Strain ATCC14028 Requires H ₂ -Hydrogenases for Growth in the Gut, but Not at Systemic Sites. <i>PLoS ONE</i> , 2014, 9, e110187.	1.1	20
79	Microbiota-Derived Hydrogen Fuels <i>Salmonella</i> Typhimurium Invasion of the Gut Ecosystem. <i>Cell Host and Microbe</i> , 2013, 14, 641-651.	5.1	145
80	Deletion of <i>invH</i> gene in <i>Salmonella enterica</i> serovar Typhimurium limits the secretion of Sip effector proteins. <i>Microbes and Infection</i> , 2013, 15, 66-73.	1.0	36
81	Stabilization of cooperative virulence by the expression of an avirulent phenotype. <i>Nature</i> , 2013, 494, 353-356.	13.7	289
82	'Blooming' in the gut: how dysbiosis might contribute to pathogen evolution. <i>Nature Reviews Microbiology</i> , 2013, 11, 277-284.	13.6	314
83	Quantitative insights into actin rearrangements and bacterial target site selection from <i>Salmonella</i> Typhimurium infection of micropatterned cells. <i>Cellular Microbiology</i> , 2013, 15, n/a-n/a.	1.1	15
84	Lymph Node Colonization Dynamics after Oral <i>Salmonella</i> Typhimurium Infection in Mice. <i>PLoS Pathogens</i> , 2013, 9, e1003532.	2.1	70
85	Outer Membrane Permeabilization Is an Essential Step in the Killing of Gram-Negative Bacteria by the Lectin RegIII ^B . <i>PLoS ONE</i> , 2013, 8, e69901.	1.1	42
86	NADPH Oxidase Deficient Mice Develop Colitis and Bacteremia upon Infection with Normally Avirulent, TTSS-1- and TTSS-2-Deficient <i>Salmonella</i> Typhimurium. <i>PLoS ONE</i> , 2013, 8, e77204.	1.1	44
87	Stability of gene rankings from RNAi screens. <i>Bioinformatics</i> , 2012, 28, 1612-1618.	1.8	5
88	Near Surface Swimming of <i>Salmonella</i> Typhimurium Explains Target-Site Selection and Cooperative Invasion. <i>PLoS Pathogens</i> , 2012, 8, e1002810.	2.1	109
89	A Novel Phage Element of <i>Salmonella enterica</i> Serovar Enteritidis P125109 Contributes to Accelerated Type III Secretion System 2-Dependent Early Inflammation Kinetics in a Mouse Colitis Model. <i>Infection and Immunity</i> , 2012, 80, 3236-3246.	1.0	26
90	Peroral Ciprofloxacin Therapy Impairs the Generation of a Protective Immune Response in a Mouse Model for <i>Salmonella enterica</i> Serovar Typhimurium Diarrhea, while Parenteral Ceftriaxone Therapy Does Not. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2295-2304.	1.4	23

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91	The Bactericidal Activity of the C-type Lectin RegIII ² against Gram-negative Bacteria involves Binding to Lipid A. <i>Journal of Biological Chemistry</i> , 2012, 287, 34844-34855.	1.6	91
92	Gut inflammation can boost horizontal gene transfer between pathogenic and commensal <i>Enterobacteriaceae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1269-1274.	3.3	398
93	Salmonella Gut Invasion Involves TTSS-2-Dependent Epithelial Traversal, Basolateral Exit, and Uptake by Epithelium-Sampling Lamina Propria Phagocytes. <i>Cell Host and Microbe</i> , 2012, 11, 19-32.	5.1	127
94	Salmonella Transiently Reside in Luminal Neutrophils in the Inflamed Gut. <i>PLoS ONE</i> , 2012, 7, e34812.	1.1	57
95	Caspase-1 Has Both Proinflammatory and Regulatory Properties in <i>Helicobacter</i> Infections, Which Are Differentially Mediated by Its Substrates IL-1 ² and IL-18. <i>Journal of Immunology</i> , 2012, 188, 3594-3602.	0.4	126
96	The streptomycin mouse model for <i>Salmonella</i> diarrhea: functional analysis of the microbiota, the pathogen's virulence factors, and the host's mucosal immune response. <i>Immunological Reviews</i> , 2012, 245, 56-83.	2.8	153
97	Live Attenuated <i>S. Typhimurium</i> Vaccine with Improved Safety in Immuno-Compromised Mice. <i>PLoS ONE</i> , 2012, 7, e45433.	1.1	25
98	Subpopulation-Specific Metabolic Pathway Usage in Mixed Cultures as Revealed by Reporter Protein-Based ¹³ C Analysis. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1816-1821.	1.4	33
99	<i>Bartonella henselae</i> engages inside-out and outside-in signaling by integrin β 1 and talin1 during invasome-mediated bacterial uptake. <i>Journal of Cell Science</i> , 2011, 124, 3591-3602.	1.2	22
100	Salmonella Typhimurium diarrhea: switching the mucosal epithelium from homeostasis to defense. <i>Current Opinion in Immunology</i> , 2011, 23, 456-463.	2.4	31
101	Roles of spvB and spvC in <i>S. Typhimurium</i> colitis via the alternative pathway. <i>International Journal of Medical Microbiology</i> , 2011, 301, 117-124.	1.5	18
102	Mechanisms controlling pathogen colonization of the gut. <i>Current Opinion in Microbiology</i> , 2011, 14, 82-91.	2.3	345
103	Salmonella-Induced Mucosal Lectin RegIII ² Kills Competing Gut Microbiota. <i>PLoS ONE</i> , 2011, 6, e20749.	1.1	102
104	Stromal IFN- β -Signaling Modulates Goblet Cell Function During Salmonella Typhimurium Infection. <i>PLoS ONE</i> , 2011, 6, e22459.	1.1	78
105	RNAi screen of <i>Salmonella</i> invasion shows role of COPI in membrane targeting of cholesterol and Cdc42. <i>Molecular Systems Biology</i> , 2011, 7, 474.	3.2	89
106	<i>Salmonella enterica</i> Serovar Typhimurium Binds to HeLa Cells via Fim-Mediated Reversible Adhesion and Irreversible Type Three Secretion System 1-Mediated Docking. <i>Infection and Immunity</i> , 2011, 79, 330-341.	1.0	78
107	The Cost of Virulence: Retarded Growth of Salmonella Typhimurium Cells Expressing Type III Secretion System 1. <i>PLoS Pathogens</i> , 2011, 7, e1002143.	2.1	213
108	TLR5 Signaling Stimulates the Innate Production of IL-17 and IL-22 by CD3 ^{neg} CD127 ⁺ Immune Cells in Spleen and Mucosa. <i>Journal of Immunology</i> , 2010, 185, 1177-1185.	0.4	124

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109	Infected Cell in Trouble: Bystander Cells Ring the Bell. <i>Immunity</i> , 2010, 33, 652-654.	6.6	3
110	<i>Salmonella</i> pathogenicity island 1 differentially modulates bacterial entry to dendritic and non-phagocytic cells. <i>Immunology</i> , 2010, 130, 273-287.	2.0	43
111	Molecular dissection of <i>Salmonella</i> -induced membrane ruffling versus invasion. <i>Cellular Microbiology</i> , 2010, 12, 84-98.	1.1	52
112	IL-17A/F-Signaling Does Not Contribute to the Initial Phase of Mucosal Inflammation Triggered by <i>S. Typhimurium</i> . <i>PLoS ONE</i> , 2010, 5, e13804.	1.1	14
113	Absence of Poly(ADP-Ribose) Polymerase 1 Delays the Onset of <i>Salmonella enterica</i> Serovar Typhimurium-Induced Gut Inflammation. <i>Infection and Immunity</i> , 2010, 78, 3420-3431.	1.0	29
114	The Microbiota Mediates Pathogen Clearance from the Gut Lumen after Non-Typhoidal <i>Salmonella</i> Diarrhea. <i>PLoS Pathogens</i> , 2010, 6, e1001097.	2.1	314
115	Like Will to Like: Abundances of Closely Related Species Can Predict Susceptibility to Intestinal Colonization by Pathogenic and Commensal Bacteria. <i>PLoS Pathogens</i> , 2010, 6, e1000711.	2.1	367
116	Caspase-1 Activation via Rho GTPases: A Common Theme in Mucosal Infections?. <i>PLoS Pathogens</i> , 2010, 6, e1000795.	2.1	12
117	Enhanced CellClassifier: a multi-class classification tool for microscopy images. <i>BMC Bioinformatics</i> , 2010, 11, 30.	1.2	78
118	In Macrophages, Caspase-1 Activation by SopE and the Type III Secretion System-1 of <i>S. Typhimurium</i> Can Proceed in the Absence of Flagellin. <i>PLoS ONE</i> , 2010, 5, e12477.	1.1	34
119	O-Antigen-Negative <i>Salmonella enterica</i> Serovar Typhimurium Is Attenuated in Intestinal Colonization but Elicits Colitis in Streptomycin-Treated Mice. <i>Infection and Immunity</i> , 2009, 77, 2568-2575.	1.0	57
120	<i>Clostridium difficile</i> Toxin CDT Induces Formation of Microtubule-Based Protrusions and Increases Adherence of Bacteria. <i>PLoS Pathogens</i> , 2009, 5, e1000626.	2.1	283
121	Bacterial Colitis Increases Susceptibility to Oral Prion Disease. <i>Journal of Infectious Diseases</i> , 2009, 199, 243-252.	1.9	35
122	Accelerated Type III Secretion System 2-Dependent Enteropathogenesis by a <i>Salmonella enterica</i> Serovar Enteritidis PT4/6 Strain. <i>Infection and Immunity</i> , 2009, 77, 3569-3577.	1.0	25
123	Intestinal Lamina Propria Dendritic Cell Subsets Have Different Origin and Functions. <i>Immunity</i> , 2009, 31, 502-512.	6.6	635
124	The <i>S. Typhimurium</i> Effector SopE Induces Caspase-1 Activation in Stromal Cells to Initiate Gut Inflammation. <i>Cell Host and Microbe</i> , 2009, 6, 125-136.	5.1	135
125	Innate and Adaptive Immunity Cooperate Flexibly to Maintain Host-Microbiota Mutualism. <i>Science</i> , 2009, 325, 617-620.	6.0	443
126	Self-destructive cooperation mediated by phenotypic noise. <i>Nature</i> , 2008, 454, 987-990.	13.7	384

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127	Motility allows <i>S.</i> Typhimurium to benefit from the mucosal defence. <i>Cellular Microbiology</i> , 2008, 10, 1166-1180.	1.1	174
128	Hierarchical Effector Protein Transport by the <i>Salmonella</i> Typhimurium SPI-1 Type III Secretion System. <i>PLoS ONE</i> , 2008, 3, e2178.	1.1	64
129	The role of microbiota in infectious disease. <i>Trends in Microbiology</i> , 2008, 16, 107-114.	3.5	440
130	Microbe sampling by mucosal dendritic cells is a discrete, MyD88-independent step in <i>invS</i> of <i>S.</i> Typhimurium colitis. <i>Journal of Experimental Medicine</i> , 2008, 205, 437-450.	4.2	164
131	A Simple Screen to Identify Promoters Conferring High Levels of Phenotypic Noise. <i>PLoS Genetics</i> , 2008, 4, e1000307.	1.5	74
132	<i>Salmonella enterica</i> Serovar Typhimurium Exploits Inflammation to Compete with the Intestinal Microbiota. <i>PLoS Biology</i> , 2007, 5, e244.	2.6	905
133	<i>Salmonella</i> Pathogenicity Island 4 encodes a giant non-fimbrial adhesin and the cognate type 1 secretion system. <i>Cellular Microbiology</i> , 2007, 9, 1834-1850.	1.1	163
134	Two newly identified SipA domains (F1, F2) steer effector protein localization and contribute to <i>Salmonella</i> host cell manipulation. <i>Molecular Microbiology</i> , 2007, 65, 741-760.	1.2	39
135	Impact of <i>Salmonella</i> Typhimurium DT104 virulence factors <i>invC</i> and <i>sseD</i> on the onset, clinical course, colonization patterns and immune response of porcine salmonellosis. <i>Veterinary Microbiology</i> , 2007, 124, 274-285.	0.8	37
136	<i>Salmonella</i> type III secretion effectors: pulling the host cell's strings. <i>Current Opinion in Microbiology</i> , 2006, 9, 46-54.	2.3	174
137	The chaperone binding domain of SopE inhibits transport via flagellar and SPI-1 TTSS in the absence of <i>InvB</i> . <i>Molecular Microbiology</i> , 2006, 59, 248-264.	1.2	23
138	Virulence of Broad- and Narrow-Host-Range <i>Salmonella enterica</i> Serovars in the Streptomycin-Pretreated Mouse Model. <i>Infection and Immunity</i> , 2006, 74, 632-644.	1.0	58
139	Chronic <i>Salmonella enterica</i> Serovar Typhimurium-Induced Colitis and Cholangitis in Streptomycin-Pretreated <i>Nramp1</i> ^{+/+} Mice. <i>Infection and Immunity</i> , 2006, 74, 5047-5057.	1.0	65
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