

# Michael T Hensel

## 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.

185  
papers

12,718  
citations

50  
h-index

111  
g-index

215  
ext. papers

14,578  
ext. citations

5.5  
avg, IF

6.25  
L-index

#	Paper	IF	Citations
185	Intracellular Salmonella Paratyphi A is motile and differs in the expression of flagella-chemotaxis, SPI-1 and carbon utilization pathways in comparison to intracellular S. Typhimurium.. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010425	7.6	0
184	Ca-activated sphingomyelin scrambling and turnover mediate ESCRT-independent lysosomal repair.. <i>Nature Communications</i> , <b>2022</b> , 13, 1875	17.4	4
183	Flow CytometryBased Single Cell Analyses of Bacterial Adaptation to Intracellular Environments. <i>Methods in Molecular Biology</i> , <b>2022</b> , 105-117	1.4	
182	Analysis of Salmonella enterica Adhesion to Leaves of Corn Salad or Lettuce. <i>Methods in Molecular Biology</i> , <b>2022</b> , 167-175	1.4	0
181	Self-Labeling Enzyme Tags for Translocation Analyses of Salmonella Effector Proteins. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2182, 67-82	1.4	
180	Comprehensive Single Cell Analyses of the Nutritional Environment of Intracellular. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 624650	5.9	5
179	Oral Mutant as a Carrier for a -Based Vaccine for Prevention and Reversal of Type 1 Diabetes. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 667897	8.4	0
178	The protected physiological state of intracellular Salmonella enterica persists reduces host cell-imposed stress. <i>Communications Biology</i> , <b>2021</b> , 4, 520	6.7	4
177	Single cell analyses reveal distinct adaptation of typhoidal and non-typhoidal Salmonella enterica serovars to intracellular lifestyle. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009319	7.6	3
176	Manipulation of Host Cell Organelles by Intracellular Pathogens. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
175	Fluorescent protein-based reporters reveal stress response of intracellular Salmonella enterica at level of single bacterial cells. <i>Cellular Microbiology</i> , <b>2021</b> , 23, e13293	3.9	9
174	Pathoadaptation of the passerine-associated Salmonella enterica serovar Typhimurium lineage to the avian host. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009451	7.6	8
173	Single-cell analyses reveal phosphate availability as critical factor for nutrition of Salmonella enterica within mammalian host cells. <i>Cellular Microbiology</i> , <b>2021</b> , 23, e13374	3.9	2
172	SPI2 T3SS effectors facilitate enterocyte apical to basolateral transmigration of -containing vacuoles. <i>Gut Microbes</i> , <b>2021</b> , 13, 1973836	8.8	3
171	Correlative Light and Scanning Electron Microscopy to Study Interactions of Salmonella enterica with Polarized Epithelial Cell Monolayers. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2182, 103-115	1.4	2
170	Eat in or Take out? Metabolism of Intracellular Salmonella enterica. <i>Trends in Microbiology</i> , <b>2020</b> , 28, 644-654	12.4	5
169	Proteoglycan-Dependent Endo-Lysosomal Fusion Affects Intracellular Survival of Typhimurium in Epithelial Cells. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 731	8.4	1

168	Recombinant protein production and purification of SiiD, SiiE and SiiF - Components of the SPI4-encoded type I secretion system from Salmonella Typhimurium. <i>Protein Expression and Purification</i> , <b>2020</b> , 172, 105632	2	3
167	Proteomic Analysis of -modified Membranes Reveals Adaptations to Macrophage Hosts. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 900-912	7.6	5
166	Role of the ESCRT-III complex in controlling integrity of the Salmonella-containing vacuole. <i>Cellular Microbiology</i> , <b>2020</b> , 22, e13176	3.9	4
165	Factors Required for Adhesion of Salmonella enterica Serovar Typhimurium to Corn Salad (Valerianella locusta). <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	6
164	Presence of SopE and mode of infection result in increased Salmonella-containing vacuole damage and cytosolic release during host cell infection by Salmonella enterica. <i>Cellular Microbiology</i> , <b>2020</b> , 22, e13155	3.9	15
163	A trafficome-wide RNAi screen reveals deployment of early and late secretory host proteins and the entire late endo-/lysosomal vesicle fusion machinery by intracellular Salmonella. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008220	7.6	5
162	Expression and Functional Characterization of Various Chaperon-Usher Fimbriae, Curli Fimbriae, and Type 4 Pili of Enterohemorrhagic O157:H7 Sakai. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 378	5.7	4
161	A trafficome-wide RNAi screen reveals deployment of early and late secretory host proteins and the entire late endo-/lysosomal vesicle fusion machinery by intracellular Salmonella <b>2020</b> , 16, e1008220		
160	A trafficome-wide RNAi screen reveals deployment of early and late secretory host proteins and the entire late endo-/lysosomal vesicle fusion machinery by intracellular Salmonella <b>2020</b> , 16, e1008220		
159	A trafficome-wide RNAi screen reveals deployment of early and late secretory host proteins and the entire late endo-/lysosomal vesicle fusion machinery by intracellular Salmonella <b>2020</b> , 16, e1008220		
158	A trafficome-wide RNAi screen reveals deployment of early and late secretory host proteins and the entire late endo-/lysosomal vesicle fusion machinery by intracellular Salmonella <b>2020</b> , 16, e1008220		
157	Self-Labeling Enzyme Tags for Analyses of Translocation of Type III Secretion System Effector Proteins. <i>MBio</i> , <b>2019</b> , 10,	7.8	10
156	Proteomics of intracellular Salmonella enterica reveals roles of Salmonella pathogenicity island 2 in metabolism and antioxidant defense. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007741	7.6	24
155	Impact of ROS-Induced Damage of TCA Cycle Enzymes on Metabolism and Virulence of serovar Typhimurium. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 762	5.7	18
154	Structural and functional characterization of SiiA, an auxiliary protein from the SPI4-encoded type 1 secretion system from Salmonella enterica. <i>Molecular Microbiology</i> , <b>2019</b> , 112, 1403-1422	4.1	4
153	Std fimbriae-fucose interaction increases Salmonella-induced intestinal inflammation and prolongs colonization. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007915	7.6	23
152	Blocks in Tricarboxylic Acid Cycle of Salmonella enterica Cause Global Perturbation of Carbon Storage, Motility, and Host-Pathogen Interaction. <i>MSphere</i> , <b>2019</b> , 4,	5	1
151	Correlative light and scanning electron microscopy (CLSEM) for analysis of bacterial infection of polarized epithelial cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 17079	4.9	6

150	Translokation bakterieller Effektorproteine $\square$ ive und in Farbe. <i>BioSpektrum</i> , <b>2019</b> , 25, 727-731	0.1	
149	A versatile remote control system for functional expression of bacterial virulence genes based on the tetA promoter. <i>International Journal of Medical Microbiology</i> , <b>2019</b> , 309, 54-65	3.7	11
148	Structure-based functional analysis of effector protein SifA in living cells reveals motifs important for Salmonella intracellular proliferation. <i>International Journal of Medical Microbiology</i> , <b>2018</b> , 308, 84-96	3.7	3
147	Salmonella Typhimurium effector Ssel inhibits chemotaxis and increases host cell survival by deamidation of heterotrimeric Gi proteins. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007248	7.6	17
146	Neonatal selection by Toll-like receptor 5 influences long-term gut microbiota composition. <i>Nature</i> , <b>2018</b> , 560, 489-493	50.4	96
145	Minimal SPI1-T3SS effector requirement for Salmonella enterocyte invasion and intracellular proliferation in vivo. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006925	7.6	38
144	Metabolic adaptation of intracellular bacteria and fungi to macrophages. <i>International Journal of Medical Microbiology</i> , <b>2018</b> , 308, 215-227	3.7	20
143	Salmonella enterica Remodels the Host Cell Endosomal System for Efficient Intravacuolar Nutrition. <i>Cell Host and Microbe</i> , <b>2017</b> , 21, 390-402	23.4	62
142	Structural and functional dissection reveals distinct roles of Ca <sup>2+</sup> -binding sites in the giant adhesin SiiE of Salmonella enterica. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006418	7.6	13
141	A flagellum-specific chaperone facilitates assembly of the core type III export apparatus of the bacterial flagellum. <i>PLoS Biology</i> , <b>2017</b> , 15, e2002267	9.7	39
140	Functional expression of the entire adhesiome of Salmonella enterica serotype Typhimurium. <i>Scientific Reports</i> , <b>2017</b> , 7, 10326	4.9	25
139	The plasmid-encoded Ipf and Klf fimbriae display different expression and varying roles in the virulence of Salmonella enterica serovar Infantis in mouse vs. avian hosts. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006559	7.6	13
138	Metabolism of Intracellular Salmonella enterica <b>2016</b> , 37-56		1
137	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
136	Models of intestinal infection by Salmonella enterica: introduction of a new neonate mouse model. <i>F1000Research</i> , <b>2016</b> , 5,	3.6	7
135	The Crystal Structure of the C-Terminal Domain of the Salmonella enterica PduO Protein: An Old Fold with a New Heme-Binding Mode. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1010	5.7	8
134	Single molecule super-resolution imaging of proteins in living Salmonella enterica using self-labelling enzymes. <i>Scientific Reports</i> , <b>2016</b> , 6, 31601	4.9	34
133	Efficiency of conditionally attenuated Salmonella enterica serovar Typhimurium in bacterium-mediated tumor therapy. <i>MBio</i> , <b>2015</b> , 6,	7.8	50

132	Development of Salmonella-Based Cancer Vaccines <b>2015</b> , 377-386		
131	Take the tube: remodelling of the endosomal system by intracellular <i>Salmonella enterica</i> . <i>Cellular Microbiology</i> , <b>2015</b> , 17, 639-47	3.9	45
130	Role of host cell-derived amino acids in nutrition of intracellular <i>Salmonella enterica</i> . <i>Infection and Immunity</i> , <b>2015</b> , 83, 4466-75	3.7	36
129	Self-labelling enzymes as universal tags for fluorescence microscopy, super-resolution microscopy and electron microscopy. <i>Scientific Reports</i> , <b>2015</b> , 5, 17740	4.9	60
128	Application of fluorescent nanoparticles to study remodeling of the endo-lysosomal system by intracellular bacteria. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e52058	1.6	3
127	Low-oxygen tensions found in <i>Salmonella</i> -infected gut tissue boost <i>Salmonella</i> replication in macrophages by impairing antimicrobial activity and augmenting <i>Salmonella</i> virulence. <i>Cellular Microbiology</i> , <b>2015</b> , 17, 1833-47	3.9	31
126	Purification and proteomics of pathogen-modified vacuoles and membranes. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2015</b> , 5, 48	5.9	42
125	The giant adhesin SiiE of <i>Salmonella enterica</i> . <i>Molecules</i> , <b>2015</b> , 20, 1134-50	4.8	37
124	A gateway-based system for fast evaluation of protein-protein interactions in bacteria. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123646	3.7	7
123	Proteomes of host cell membranes modified by intracellular activities of <i>Salmonella enterica</i> . <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 81-92	7.6	38
122	Live cell imaging of intracellular <i>Salmonella enterica</i> . <i>Methods in Molecular Biology</i> , <b>2015</b> , 1225, 199-225	1.4	4
121	Red-mediated recombineering of <i>Salmonella enterica</i> genomes. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1225, 63-79	1.4	4
120	An oral vaccine for type 1 diabetes based on live attenuated <i>Salmonella</i> . <i>Vaccine</i> , <b>2014</b> , 32, 2300-7	4.1	13
119	Effective cancer vaccine platform based on attenuated salmonella and a type III secretion system. <i>Cancer Research</i> , <b>2014</b> , 74, 6260-70	10.1	44
118	Bacterial Responses to the Host Cell <b>2014</b> , 383-398		
117	<i>Salmonella</i> -how a metabolic generalist adopts an intracellular lifestyle during infection. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2014</b> , 4, 191	5.9	21
116	Live cell imaging reveals novel functions of <i>Salmonella enterica</i> SPI2-T3SS effector proteins in remodeling of the host cell endosomal system. <i>PLoS ONE</i> , <b>2014</b> , 9, e115423	3.7	29
115	A trimeric lipoprotein assists in trimeric autotransporter biogenesis in enterobacteria. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 7388-98	5.4	20

114	SsotopoSa database application for facile analysis and management of mass isotopomer data. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2014</b> , 2014,	5	14
113	Reorganization of the endosomal system in Salmonella-infected cells: the ultrastructure of Salmonella-induced tubular compartments. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004374	7.6	51
112	Age-dependent enterocyte invasion and microcolony formation by Salmonella. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004385	7.6	44
111	The Salmonella enterica giant adhesin SiiE binds to polarized epithelial cells in a lectin-like manner. <i>Cellular Microbiology</i> , <b>2014</b> , 16, 962-75	3.9	29
110	SiiA and SiiB are novel type I secretion system subunits controlling SPI4-mediated adhesion of Salmonella enterica. <i>Cellular Microbiology</i> , <b>2014</b> , 16, 161-78	3.9	21
109	Salmonella enterica invasion of polarized epithelial cells is a highly cooperative effort. <i>Infection and Immunity</i> , <b>2014</b> , 82, 2657-67	3.7	35
108	Software LS-MIDA for efficient mass isotopomer distribution analysis in metabolic modelling. <i>BMC Bioinformatics</i> , <b>2013</b> , 14, 218	3.6	17
107	Structural insight into the giant Ca <sup>2+</sup> -binding adhesin SiiE: implications for the adhesion of Salmonella enterica to polarized epithelial cells. <i>Structure</i> , <b>2013</b> , 21, 741-52	5.2	38
106	Evaluation of nanoparticles as endocytic tracers in cellular microbiology. <i>Nanoscale</i> , <b>2013</b> , 5, 9296-309	7.7	25
105	Imaging the invisible: resolving cellular microcompartments by superresolution microscopy techniques. <i>Biological Chemistry</i> , <b>2013</b> , 394, 1097-113	4.5	17
104	SseF, a type III effector protein from the mammalian pathogen Salmonella enterica, requires resistance-gene-mediated signalling to activate cell death in the model plant <i>Nicotiana benthamiana</i> . <i>New Phytologist</i> , <b>2012</b> , 194, 1046-1060	9.8	34
103	Salmonella enterica as a vaccine carrier. <i>Future Microbiology</i> , <b>2012</b> , 7, 111-27	2.9	49
102	Salmonella enterica: a surprisingly well-adapted intracellular lifestyle. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 164	5.7	40
101	Interactions of Salmonella enterica with dendritic cells. <i>Virulence</i> , <b>2012</b> , 3, 660-7	4.7	27
100	Evaluation of Salmonella enterica type III secretion system effector proteins as carriers for heterologous vaccine antigens. <i>Infection and Immunity</i> , <b>2012</b> , 80, 1193-202	3.7	32
99	Hypoxia-mediated impairment of the mitochondrial respiratory chain inhibits the bactericidal activity of macrophages. <i>Infection and Immunity</i> , <b>2012</b> , 80, 1455-66	3.7	29
98	Divergent roles of Salmonella pathogenicity island 2 and metabolic traits during interaction of S. enterica serovar typhimurium with host cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e33220	3.7	26
97	Functional dissection of SseF, a membrane-integral effector protein of intracellular Salmonella enterica. <i>PLoS ONE</i> , <b>2012</b> , 7, e35004	3.7	16

96	Adhesive mechanisms of Salmonella enterica. <i>Advances in Experimental Medicine and Biology</i> , <b>2011</b> , 715, 17-34	3.6	81
95	Toll-like receptor activation and hypoxia use distinct signaling pathways to stabilize hypoxia-inducible factor 1 $\alpha$ (HIF1A) and result in differential HIF1A-dependent gene expression. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 551-62	6.5	76
94	Functional dissection of SiiE, a giant non-fimbrial adhesin of Salmonella enterica. <i>Cellular Microbiology</i> , <b>2011</b> , 13, 1286-301	3.9	34
93	Cellular aspects of immunity to intracellular Salmonella enterica. <i>Immunological Reviews</i> , <b>2011</b> , 240, 185-203	4.5	50
92	Dynamic modification of microtubule-dependent transport by effector proteins of intracellular Salmonella enterica. <i>European Journal of Cell Biology</i> , <b>2011</b> , 90, 897-902	6.1	9
91	Crystallization and preliminary crystallographic analysis of an Ig-domain-encompassing fragment of the giant adhesion protein SiiE from Salmonella enterica. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2011</b> , 67, 1371-4		4
90	Enhancement of cancer vaccine therapy by systemic delivery of a tumor-targeting Salmonella-based STAT3 shRNA suppresses the growth of established melanoma tumors. <i>Cancer Research</i> , <b>2011</b> , 71, 4183-91	10.1	64
89	Genetic background and mobility of variants of the gene nleA in attaching and effacing Escherichia coli. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 8705-13	4.8	7
88	Regulation of nleA in Shiga toxin-producing Escherichia coli O84:H4 strain 4795/97. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 832-41	3.5	10
87	Rapid and highly efficient method for scarless mutagenesis within the Salmonella enterica chromosome. <i>PLoS ONE</i> , <b>2011</b> , 6, e15763	3.7	65
86	Efficacy of intracellular activated promoters for generation of Salmonella-based vaccines. <i>Infection and Immunity</i> , <b>2010</b> , 78, 4828-38	3.7	19
85	Systematic analysis of the SsrAB virulon of Salmonella enterica. <i>Infection and Immunity</i> , <b>2010</b> , 78, 49-58	3.7	49
84	Novel cancer vaccine based on genes of Salmonella pathogenicity island 2. <i>International Journal of Cancer</i> , <b>2010</b> , 126, 2622-34	7.5	58
83	Small interfering RNA (siRNA) delivery into murine bone marrow-derived macrophages by electroporation. <i>Journal of Immunological Methods</i> , <b>2010</b> , 353, 102-10	2.5	42
82	Functional dissection of translocon proteins of the Salmonella pathogenicity island 2-encoded type III secretion system. <i>BMC Microbiology</i> , <b>2010</b> , 10, 104	4.5	11
81	Strain-specific differences in pili formation and the interaction of Corynebacterium diphtheriae with host cells. <i>BMC Microbiology</i> , <b>2010</b> , 10, 257	4.5	36
80	Role of Salmonella enterica lipopolysaccharide in activation of dendritic cell functions and bacterial containment. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2697-707	5.3	22
79	Effect of the O-antigen length of lipopolysaccharide on the functions of Type III secretion systems in Salmonella enterica. <i>Infection and Immunity</i> , <b>2009</b> , 77, 5458-70	3.7	61

78	O-antigen delays lipopolysaccharide recognition and impairs antibacterial host defense in murine intestinal epithelial cells. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000567	7.6	41
77	Rapid oligonucleotide-based recombineering of the chromosome of <i>Salmonella enterica</i> . <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 1575-80	4.8	33
76	Evaluation of <i>Salmonella</i> live vaccines with chromosomal expression cassettes for translocated fusion proteins. <i>Vaccine</i> , <b>2009</b> , 27, 3780-7	4.1	18
75	Cooperation of <i>Salmonella</i> pathogenicity islands 1 and 4 is required to breach epithelial barriers. <i>Cellular Microbiology</i> , <b>2008</b> , 10, 2364-76	3.9	98
74	Small interfering RNA (siRNA) delivery into murine bone marrow-derived dendritic cells by electroporation. <i>Journal of Immunological Methods</i> , <b>2008</b> , 337, 71-7	2.5	28
73	Construction of highly attenuated <i>Salmonella enterica</i> serovar Typhimurium live vectors for delivering heterologous antigens by chromosomal integration. <i>Microbiological Research</i> , <b>2008</b> , 163, 605-15	5.3	14
72	Rational design of <i>Salmonella</i> recombinant vaccines. <i>International Journal of Medical Microbiology</i> , <b>2008</b> , 298, 87-98	3.7	53
71	Hypoxia and hypoxia-inducible factor-1 alpha modulate lipopolysaccharide-induced dendritic cell activation and function. <i>Journal of Immunology</i> , <b>2008</b> , 180, 4697-705	5.3	288
70	The <i>yejABEF</i> operon of <i>Salmonella</i> confers resistance to antimicrobial peptides and contributes to its virulence. <i>Microbiology (United Kingdom)</i> , <b>2008</b> , 154, 666-678	2.9	72
69	Functional analysis of the <i>Salmonella</i> pathogenicity island 2-mediated inhibition of antigen presentation in dendritic cells. <i>Infection and Immunity</i> , <b>2008</b> , 76, 4924-33	3.7	70
68	Dynamic remodeling of the endosomal system during formation of <i>Salmonella</i> -induced filaments by intracellular <i>Salmonella enterica</i> . <i>Traffic</i> , <b>2008</b> , 9, 2100-16	5.7	62
67	<i>Salmonella</i> Pathogenicity Island 4 encodes a giant non-fimbrial adhesin and the cognate type 1 secretion system. <i>Cellular Microbiology</i> , <b>2007</b> , 9, 1834-50	3.9	122
66	Rapid engineering of bacterial reporter gene fusions by using Red recombination. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 4234-42	4.8	48
65	<i>Salmonella</i> pathogenicity island 4-mediated adhesion is coregulated with invasion genes in <i>Salmonella enterica</i> . <i>Infection and Immunity</i> , <b>2007</b> , 75, 4697-709	3.7	48
64	Recombinant vaccines based on translocated effector proteins of <i>Salmonella</i> Pathogenicity Island 2. <i>Vaccine</i> , <b>2007</b> , 25, 185-93	4.1	32
63	Protein secretion systems and adhesins: the molecular armory of Gram-negative pathogens. <i>International Journal of Medical Microbiology</i> , <b>2007</b> , 297, 401-15	3.7	208
62	Genome-based identification and molecular analyses of pathogenicity islands and genomic islands in <i>Salmonella enterica</i> . <i>Methods in Molecular Biology</i> , <b>2007</b> , 394, 77-88	1.4	5
61	<i>Salmonella</i> pathogenicity islands in host specificity, host pathogen-interactions and antibiotics resistance of <i>Salmonella enterica</i> . <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , <b>2007</b> , 120, 317-27		41



60	Regulation of Salmonella pathogenicity island 2 genes by independent environmental signals. <i>International Journal of Medical Microbiology</i> , <b>2006</b> , 296, 435-47	3.7	82
59	Manipulating cellular transport and immune responses: dynamic interactions between intracellular Salmonella enterica and its host cells. <i>Cellular Microbiology</i> , <b>2006</b> , 8, 728-37	3.9	118
58	Intracellular Salmonella enterica redirect exocytic transport processes in a Salmonella pathogenicity island 2-dependent manner. <i>Traffic</i> , <b>2006</b> , 7, 716-30	5.7	69
57	Functional dissection of SseF, a type III effector protein involved in positioning the salmonella-containing vacuole. <i>Traffic</i> , <b>2006</b> , 7, 950-65	5.7	80
56	The Shiga toxin 1-converting bacteriophage BP-4795 encodes an NleA-like type III effector protein. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 8494-8	3.5	37
55	Evaluation of an intracellular-activated promoter for the generation of live Salmonella recombinant vaccines. <i>Vaccine</i> , <b>2005</b> , 23, 2580-90	4.1	23
54	Formation of a novel surface structure encoded by Salmonella Pathogenicity Island 2. <i>EMBO Journal</i> , <b>2005</b> , 24, 2043-52	13	85
53	Cloning vectors and fluorescent proteins can significantly inhibit Salmonella enterica virulence in both epithelial cells and macrophages: implications for bacterial pathogenesis studies. <i>Infection and Immunity</i> , <b>2005</b> , 73, 7027-31	3.7	56
52	The Salmonella pathogenicity island (SPI)-2 and SPI-1 type III secretion systems allow Salmonella serovar typhimurium to trigger colitis via MyD88-dependent and MyD88-independent mechanisms. <i>Journal of Immunology</i> , <b>2005</b> , 174, 1675-85	5.3	288
51	Intracellular Salmonella inhibit antigen presentation by dendritic cells. <i>Journal of Immunology</i> , <b>2005</b> , 174, 2892-9	5.3	142
50	Rapid method for the construction of Salmonella enterica Serovar Typhimurium vaccine carrier strains. <i>Infection and Immunity</i> , <b>2005</b> , 73, 1598-605	3.7	57
49	Functional transfer of Salmonella pathogenicity island 2 to Salmonella bongori and Escherichia coli. <i>Infection and Immunity</i> , <b>2004</b> , 72, 2879-88	3.7	32
48	Role of neutrophils in murine salmonellosis. <i>Infection and Immunity</i> , <b>2004</b> , 72, 468-77	3.7	59
47	Effector proteins encoded by Salmonella pathogenicity island 2 interfere with the microtubule cytoskeleton after translocation into host cells. <i>Traffic</i> , <b>2004</b> , 5, 356-70	5.7	81
46	Pathogenicity islands in bacterial pathogenesis. <i>Clinical Microbiology Reviews</i> , <b>2004</b> , 17, 14-56	34	468
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