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List of Publications by Year
in descending order

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49 papers	2,041 citations	236925 25 h-index	254184 43 g-index
51 all docs	51 docs citations	51 times ranked	2389 citing authors

#	Article	IF	Citations
1	Identification of Type VI Secretion Systems Effector Proteins That Contribute to Interbacterial Competition in Salmonella Dublin. Frontiers in Microbiology, 2022, 13, 811932.	3.5	9
2	Bioinformatic and experimental characterization of SEN1998: a conserved gene carried by the Enterobacteriaceae-associated ROD21-like family of genomic islands. Scientific Reports, 2022, 12, 2435.	3.3	5
3	SopBâ€•and SifAâ€dependent shaping of theSalmonellaâ€containing vacuole proteome in the social amoebaDictyostelium discoideum. Cellular Microbiology, 2021, 23, e13263.	2.1	3
4	Novel Template Plasmids pCyaAâ€™-Kan and pCyaAâ€™-Cam for Generation of Unmarked Chromosomal cyaAâ€™ Translational Fusion to T3SS Effectors in Salmonella. Microorganisms, 2021, 9, 475.	3.6	2
5	Development of Novel EE/Alginate Polyelectrolyte Complex Nanoparticles for Lysozyme Delivery: Physicochemical Properties and In Vitro Safety. Pharmaceutics, 2019, 11, 103.	4.5	21
6	Static Immersion and Injection Methods for Live Cell Imaging of Foodborne Pathogen Infections in Zebrafish Larvae. Methods in Molecular Biology, 2019, 1918, 183-190.	0.9	2
7	Contribution of the Twin-Arginine Translocation System to the Intracellular Survival of Salmonella Typhimurium in Dictyostelium discoideum. Frontiers in Microbiology, 2018, 9, 3001.	3.5	7
8	Inorganic Polyphosphate Is Essential for Salmonella Typhimurium Virulence and Survival in Dictyostelium discoideum. Frontiers in Cellular and Infection Microbiology, 2018, 8, 8.	3.9	32
9	Evaluating Different Virulence Traits of Klebsiella pneumoniae Using Dictyostelium discoideum and Zebrafish Larvae as Host Models. Frontiers in Cellular and Infection Microbiology, 2018, 8, 30.	3.9	36
10	Fnr and ArcA Regulate Lipid A Hydroxylation in Salmonella Enteritidis by Controlling lpxO Expression in Response to Oxygen Availability. Frontiers in Microbiology, 2018, 9, 1220.	3.5	21
11	Live-cell imaging of Salmonella Typhimurium interaction with zebrafish larvae after injection and immersion delivery methods. Journal of Microbiological Methods, 2017, 135, 20-25.	1.6	17
12	Salmonella Typhimurium induces cloacitis-like symptomsin zebrafish larvae. Microbial Pathogenesis, 2017, 107, 317-320.	2.9	22
13	Differential roles for pathogenicity islands SPI-13 and SPI-8 in the interaction of Salmonella Enteritidis and Salmonella Typhi with murine and human macrophages. Biological Research, 2017, 50, 5.	3.4	31
14	Relevant Genes Linked to Virulence Are Required for Salmonella Typhimurium to Survive Intracellularly in the Social Amoeba Dictyostelium discoideum. Frontiers in Microbiology, 2016, 7, 1305.	3.5	40
15	Mucosal immunization of BALB/c mice with DNA vaccines encoding the SEN1002 and SEN1395 open reading frames of Salmonella enterica serovar Enteritidis induces protective immunity. Epidemiology and Infection, 2016, 144, 247-256.	2.1	3
16	O-antigen chain-length distribution in Salmonella enterica serovar Enteritidis is regulated by oxygen availability. Biochemical and Biophysical Research Communications, 2016, 477, 563-567.	2.1	11
17	SPI-9 of Salmonella enterica serovar Typhi is constituted by an operon positively regulated by RpoS and contributes to adherence to epithelial cells in culture. Microbiology (United Kingdom), 2016, 162, 1367-1378.	1.8	28
18	Solid tumors provide niche-specific conditions that lead to preferential growth of Salmonella. Oncotarget, 2016, 7, 35169-35180.	1.8	35

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19	Exposure to sub-inhibitory concentrations of cefotaxime enhances the systemic colonization of Salmonella Typhimurium in BALB/c mice. Open Biology, 2015, 5, 150070.	3.6	13
20	Analysis of Two Complementary Single-Gene Deletion Mutant Libraries of Salmonella Typhimurium in Intraperitoneal Infection of BALB/c Mice. Frontiers in Microbiology, 2015, 6, 1455.	3.5	15
21	Defined Single-Gene and Multi-Gene Deletion Mutant Collections in Salmonella enterica sv Typhimurium. PLoS ONE, 2014, 9, e99820.	2.5	140
22	Draft Genome Sequence of Salmonella enterica Serovar Typhi Strain STH2370. Genome Announcements, 2014, 2, .	0.8	16
23	Only one of the two type VI secretion systems encoded in the Salmonella enterica serotype Dublin genome is involved in colonization of the avian and murine hosts. Veterinary Research, 2014, 45, 2.	3.0	41
24	Participation of the Salmonella OmpD Porin in the Infection of RAW264.7 Macrophages and BALB/c Mice. PLoS ONE, 2014, 9, e111062.	2.5	24
25	The Type VI Secretion System Encoded in Salmonella Pathogenicity Island 19 Is Required for Salmonella enterica Serotype Gallinarum Survival within Infected Macrophages. Infection and Immunity, 2013, 81, 1207-1220.	2.2	61
26	The Type VI Secretion System Encoded in SPI-6 Plays a Role in Gastrointestinal Colonization and Systemic Spread of Salmonella enterica serovar Typhimurium in the Chicken. PLoS ONE, 2013, 8, e63917.	2.5	44
27	Infection of Mice by Salmonella enterica Serovar Enteritidis Involves Additional Genes That Are Absent in the Genome of Serovar Typhimurium. Infection and Immunity, 2012, 80, 839-849.	2.2	81
28	Differential Expression of In Vivo and In Vitro Protein Profile of Outer Membrane of Acidovorax avenae Subsp. avenae. PLoS ONE, 2012, 7, e49657.	2.5	22
29	Excision of an Unstable Pathogenicity Island in Salmonella enterica Serovar Enteritidis Is Induced during Infection of Phagocytic Cells. PLoS ONE, 2011, 6, e26031.	2.5	31
30	Salmonella bongori Provides Insights into the Evolution of the Salmonellae. PLoS Pathogens, 2011, 7, e1002191.	4.7	171
31	Genomics of Salmonella Species. , 2011, , 171-235.		1
32	Abrogation of the Twin Arginine Transport System in Salmonella enterica Serovar Typhimurium Leads to Colonization Defects during Infection. PLoS ONE, 2011, 6, e15800.	2.5	30
33	Contribution of the Type VI Secretion System Encoded in SPI-19 to Chicken Colonization by Salmonella enterica Serotypes Gallinarum and Enteritidis. PLoS ONE, 2010, 5, e11724.	2.5	65
34	Spontaneous Excision of the Salmonella enterica Serovar Enteritidis-Specific Defective Prophage-Like Element Ï†SE14. Journal of Bacteriology, 2010, 192, 2246-2254.	2.2	32
35	High-Throughput Screening for Salmonella Avirulent Mutants That Retain Targeting of Solid Tumors. Cancer Research, 2010, 70, 2165-2170.	0.9	46
36	Deletion of a prophage-like element causes attenuation of Salmonella enterica serovar Enteritidis and promotes protective immunity. Vaccine, 2010, 28, 5458-5466.	3.8	14

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37	Analysis of Pools of Targeted Salmonella Deletion Mutants Identifies Novel Genes Affecting Fitness during Competitive Infection in Mice. PLoS Pathogens, 2009, 5, e1000477.	4.7	178
38	Comparative genomic analysis uncovers 3 novel loci encoding type six secretion systems differentially distributed in Salmonella serotypes. BMC Genomics, 2009, 10, 354.	2.8	174
39	Novel genetic tools for studying food-borne Salmonella. Current Opinion in Biotechnology, 2009, 20, 149-157.	6.6	30
40	â€˜Form variationâ€™ of the O12 antigen is critical for persistence of Salmonella Typhimurium in the murine intestine. Molecular Microbiology, 2008, 70, 1105-1119.	2.5	80
41	SmvA, and not AcrB, is the major efflux pump for acriflavine and related compounds in Salmonella enterica serovar Typhimurium. Journal of Antimicrobial Chemotherapy, 2008, 62, 1273-1276.	3.0	33
42	Differences in Gene Content between Salmonella enterica Serovar Enteritidis Isolates and Comparison to Closely Related Serovars Gallinarum and Dublin. Journal of Bacteriology, 2005, 187, 6545-6555.	2.2	105
43	The Salmonella enterica Serovar Typhi tsx Gene, Encoding a Nucleoside-Specific Porin, Is Essential for Prototrophic Growth in the Absence of Nucleosides. Infection and Immunity, 2005, 73, 6210-6219.	2.2	23
44	Precise Excision of the Large Pathogenicity Island, SPI7, in Salmonella enterica Serovar Typhi. Journal of Bacteriology, 2004, 186, 3202-3213.	2.2	69
45	Insertions of Mini-Tn10 Transposon T-POP in Salmonella enterica sv. typhi. Genetics, 2004, 167, 1069-1077.	2.9	14
46	Global Regulation of the Salmonella enterica Serovar Typhimurium Major Porin, OmpD. Journal of Bacteriology, 2003, 185, 5901-5905.	2.2	47
47	The Salmonella enterica sv. Typhimurium smvA, yddG and ompD (porin) genes are required for the efficient efflux of methyl viologen. Molecular Microbiology, 2002, 46, 687-698.	2.5	75
48	A chromosomal region surrounding the ompD porin gene marks a genetic difference between Salmonella typhi and the majority of Salmonella serovars. Microbiology (United Kingdom), 2001, 147, 1897-1907.	1.8	31
49	Salmonella typhi Ty2 OmpC Porin Induces Bactericidal Activity on U937 Monocytes. Microbiology and Immunology, 1997, 41, 999-1003.	1.4	8