

Carlos A Santiviago

List of Publications by Year in descending order

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49
papers

2,041
citations

270111

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docs citations

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times ranked

2617
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Type VI Secretion Systems Effector Proteins That Contribute to Interbacterial Competition in Salmonella Dublin. <i>Frontiers in Microbiology</i> , 2022, 13, 811932.	1.5	9
2	Bioinformatic and experimental characterization of SEN1998: a conserved gene carried by the Enterobacteriaceae-associated ROD21-like family of genomic islands. <i>Scientific Reports</i> , 2022, 12, 2435.	1.6	5
3	SopB and SifA dependent shaping of the <i>Salmonella</i> containing vacuole proteome in the social amoeba <i>Dictyostelium discoideum</i> . <i>Cellular Microbiology</i> , 2021, 23, e13263.	1.1	3
4	Novel Template Plasmids pCyaA TM -Kan and pCyaA TM -Cam for Generation of Unmarked Chromosomal cyaA TM Translational Fusion to T3SS Effectors in Salmonella. <i>Microorganisms</i> , 2021, 9, 475.	1.6	2
5	Development of Novel EE/Alginate Polyelectrolyte Complex Nanoparticles for Lysozyme Delivery: Physicochemical Properties and In Vitro Safety. <i>Pharmaceutics</i> , 2019, 11, 103.	2.0	21
6	Static Immersion and Injection Methods for Live Cell Imaging of Foodborne Pathogen Infections in Zebrafish Larvae. <i>Methods in Molecular Biology</i> , 2019, 1918, 183-190.	0.4	2
7	Contribution of the Twin-Arginine Translocation System to the Intracellular Survival of Salmonella Typhimurium in <i>Dictyostelium discoideum</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3001.	1.5	7
8	Inorganic Polyphosphate Is Essential for Salmonella Typhimurium Virulence and Survival in <i>Dictyostelium discoideum</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 8.	1.8	32
9	Evaluating Different Virulence Traits of <i>Klebsiella pneumoniae</i> Using <i>Dictyostelium discoideum</i> and Zebrafish Larvae as Host Models. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 30.	1.8	36
10	Fnr and ArcA Regulate Lipid A Hydroxylation in Salmonella Enteritidis by Controlling lpxO Expression in Response to Oxygen Availability. <i>Frontiers in Microbiology</i> , 2018, 9, 1220.	1.5	21
11	Live-cell imaging of Salmonella Typhimurium interaction with zebrafish larvae after injection and immersion delivery methods. <i>Journal of Microbiological Methods</i> , 2017, 135, 20-25.	0.7	17
12	Salmonella Typhimurium induces cloacitis-like symptoms in zebrafish larvae. <i>Microbial Pathogenesis</i> , 2017, 107, 317-320.	1.3	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. <i>Biological Research</i> , 2017, 50, 5.	1.5	31
14	Relevant Genes Linked to Virulence Are Required for Salmonella Typhimurium to Survive Intracellularly in the Social Amoeba <i>Dictyostelium discoideum</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1305.	1.5	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. <i>Epidemiology and Infection</i> , 2016, 144, 247-256.	1.0	3
16	O-antigen chain-length distribution in Salmonella enterica serovar Enteritidis is regulated by oxygen availability. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 563-567.	1.0	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. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1367-1378.	0.7	28
18	Solid tumors provide niche-specific conditions that lead to preferential growth of <i>Salmonella</i> . <i>Oncotarget</i> , 2016, 7, 35169-35180.	0.8	35

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19	Exposure to sub-inhibitory concentrations of cefotaxime enhances the systemic colonization of <i>Salmonella</i> Typhimurium in BALB/c mice. <i>Open Biology</i> , 2015, 5, 150070.	1.5	13
20	Analysis of Two Complementary Single-Gene Deletion Mutant Libraries of <i>Salmonella</i> Typhimurium in Intra-peritoneal Infection of BALB/c Mice. <i>Frontiers in Microbiology</i> , 2015, 6, 1455.	1.5	15
21	Defined Single-Gene and Multi-Gene Deletion Mutant Collections in <i>Salmonella enterica</i> sv Typhimurium. <i>PLoS ONE</i> , 2014, 9, e99820.	1.1	140
22	Draft Genome Sequence of <i>Salmonella enterica</i> Serovar Typhi Strain STH2370. <i>Genome Announcements</i> , 2014, 2, .	0.8	16
23	Only one of the two type VI secretion systems encoded in the <i>Salmonella enterica</i> serotype Dublin genome is involved in colonization of the avian and murine hosts. <i>Veterinary Research</i> , 2014, 45, 2.	1.1	41
24	Participation of the <i>Salmonella</i> OmpD Porin in the Infection of RAW264.7 Macrophages and BALB/c Mice. <i>PLoS ONE</i> , 2014, 9, e111062.	1.1	24
25	The Type VI Secretion System Encoded in <i>Salmonella</i> Pathogenicity Island 19 Is Required for <i>Salmonella enterica</i> Serotype Gallinarum Survival within Infected Macrophages. <i>Infection and Immunity</i> , 2013, 81, 1207-1220.	1.0	61
26	The Type VI Secretion System Encoded in SPI-6 Plays a Role in Gastrointestinal Colonization and Systemic Spread of <i>Salmonella enterica</i> serovar Typhimurium in the Chicken. <i>PLoS ONE</i> , 2013, 8, e63917.	1.1	44
27	Infection of Mice by <i>Salmonella enterica</i> Serovar Enteritidis Involves Additional Genes That Are Absent in the Genome of Serovar Typhimurium. <i>Infection and Immunity</i> , 2012, 80, 839-849.	1.0	81
28	Differential Expression of In Vivo and In Vitro Protein Profile of Outer Membrane of <i>Acidovorax avenae</i> Subsp. <i>avenae</i> . <i>PLoS ONE</i> , 2012, 7, e49657.	1.1	22
29	Excision of an Unstable Pathogenicity Island in <i>Salmonella enterica</i> Serovar Enteritidis Is Induced during Infection of Phagocytic Cells. <i>PLoS ONE</i> , 2011, 6, e26031.	1.1	31
30	<i>Salmonella bongori</i> Provides Insights into the Evolution of the Salmonellae. <i>PLoS Pathogens</i> , 2011, 7, e1002191.	2.1	171
31	Genomics of <i>Salmonella</i> Species. , 2011, , 171-235.		1
32	Abrogation of the Twin Arginine Transport System in <i>Salmonella enterica</i> Serovar Typhimurium Leads to Colonization Defects during Infection. <i>PLoS ONE</i> , 2011, 6, e15800.	1.1	30
33	Contribution of the Type VI Secretion System Encoded in SPI-19 to Chicken Colonization by <i>Salmonella enterica</i> Serotypes Gallinarum and Enteritidis. <i>PLoS ONE</i> , 2010, 5, e11724.	1.1	65
34	Spontaneous Excision of the <i>Salmonella enterica</i> Serovar Enteritidis-Specific Defective Prophage-Like Element ϕ SE14. <i>Journal of Bacteriology</i> , 2010, 192, 2246-2254.	1.0	32
35	High-Throughput Screening for <i>Salmonella</i> Avirulent Mutants That Retain Targeting of Solid Tumors. <i>Cancer Research</i> , 2010, 70, 2165-2170.	0.4	46
36	Deletion of a prophage-like element causes attenuation of <i>Salmonella enterica</i> serovar Enteritidis and promotes protective immunity. <i>Vaccine</i> , 2010, 28, 5458-5466.	1.7	14

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37	Analysis of Pools of Targeted Salmonella Deletion Mutants Identifies Novel Genes Affecting Fitness during Competitive Infection in Mice. <i>PLoS Pathogens</i> , 2009, 5, e1000477.	2.1	178
38	Comparative genomic analysis uncovers 3 novel loci encoding type six secretion systems differentially distributed in Salmonella serotypes. <i>BMC Genomics</i> , 2009, 10, 354.	1.2	174
39	Novel genetic tools for studying food-borne Salmonella. <i>Current Opinion in Biotechnology</i> , 2009, 20, 149-157.	3.3	30
40	â€Form variationâ€™™ of the O12 antigen is critical for persistence of <i>Salmonella</i> Typhimurium in the murine intestine. <i>Molecular Microbiology</i> , 2008, 70, 1105-1119.	1.2	80
41	SmvA, and not AcrB, is the major efflux pump for acriflavine and related compounds in Salmonella enterica serovar Typhimurium. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1273-1276.	1.3	33
42	Differences in Gene Content between Salmonella enterica Serovar Enteritidis Isolates and Comparison to Closely Related Serovars Gallinarum and Dublin. <i>Journal of Bacteriology</i> , 2005, 187, 6545-6555.	1.0	105
43	The Salmonella enterica Serovar Typhi tsx Gene, Encoding a Nucleoside-Specific Porin, Is Essential for Prototrophic Growth in the Absence of Nucleosides. <i>Infection and Immunity</i> , 2005, 73, 6210-6219.	1.0	23
44	Precise Excision of the Large Pathogenicity Island, SPI7, in Salmonella enterica Serovar Typhi. <i>Journal of Bacteriology</i> , 2004, 186, 3202-3213.	1.0	69
45	Insertions of Mini-Tn10 Transposon T-POP in Salmonella enterica sv. typhi. <i>Genetics</i> , 2004, 167, 1069-1077.	1.2	14
46	Global Regulation of the Salmonella enterica Serovar Typhimurium Major Porin, OmpD. <i>Journal of Bacteriology</i> , 2003, 185, 5901-5905.	1.0	47
47	The Salmonella enterica sv. Typhimurium smvA, yddG and ompD (porin) genes are required for the efficient efflux of methyl viologen. <i>Molecular Microbiology</i> , 2002, 46, 687-698.	1.2	75
48	A chromosomal region surrounding the ompD porin gene marks a genetic difference between Salmonella typhi and the majority of Salmonella serovars. <i>Microbiology (United Kingdom)</i> , 2001, 147, 1897-1907.	0.7	31
49	<i>Salmonella typhi</i> Ty2 OmpC Porin Induces Bactericidal Activity on U937 Monocytes. <i>Microbiology and Immunology</i> , 1997, 41, 999-1003.	0.7	8