

Corrella S Detweiler

List of Publications by Year in descending order

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47
papers

2,150
citations

257450

24
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

2529
citing authors

#	ARTICLE	IF	CITATIONS
1	OmpR Regulates the Two-Component System SsrA-SsrB in <i>Salmonella</i> Pathogenicity Island 2. <i>Journal of Bacteriology</i> , 2000, 182, 771-781.	2.2	291
2	Genomic Comparison of <i>Salmonella enterica</i> Serovars and <i>Salmonella bongori</i> by Use of an <i>S. enterica</i> Serovar Typhimurium DNA Microarray. <i>Journal of Bacteriology</i> , 2003, 185, 553-563.	2.2	211
3	virK, somA and rcsC are important for systemic <i>Salmonella enterica</i> serovar Typhimurium infection and cationic peptide resistance. <i>Molecular Microbiology</i> , 2003, 48, 385-400.	2.5	152
4	Host microarray analysis reveals a role for the <i>Salmonella</i> response regulator phoP in human macrophage cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5850-5855.	7.1	112
5	<i>Salmonella</i> pathogenicity island 2-dependent macrophage death is mediated in part by the host cysteine protease caspase-1. <i>Cellular Microbiology</i> , 2001, 3, 825-837.	2.1	108
6	Potentiating antibiotics in drug-resistant clinical isolates via stimuli-activated superoxide generation. <i>Science Advances</i> , 2017, 3, e1701776.	10.3	107
7	CDC45 is required in conjunction with CDC7/DBF4 to trigger the initiation of DNA replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 12521-12526.	7.1	96
8	The Rcs phosphorelay system is specific to enteric pathogens/commensals and activates ydel, a gene important for persistent <i>Salmonella</i> infection of mice. <i>Molecular Microbiology</i> , 2006, 62, 883-894.	2.5	88
9	Hemophagocytic Macrophages Harbor <i>Salmonella enterica</i> during Persistent Infection. <i>PLoS Pathogens</i> , 2007, 3, e193.	4.7	87
10	The Biomechanisms of Metal and Metal-Oxide Nanoparticles' Interactions with Cells. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1112-1134.	2.6	79
11	The Ferric Enterobactin Transporter Fep Is Required for Persistent <i>Salmonella enterica</i> Serovar Typhimurium Infection. <i>Infection and Immunity</i> , 2013, 81, 4063-4070.	2.2	55
12	A Protein Important for Antimicrobial Peptide Resistance, Ydel/OmdA, Is in the Periplasm and Interacts with OmpD/NmpC. <i>Journal of Bacteriology</i> , 2009, 191, 7243-7252.	2.2	53
13	Cdc6p establishes and maintains a state of replication competence during G1 phase. <i>Journal of Cell Science</i> , 1997, 110, 753-763.	2.0	51
14	Microarray Analysis and Motif Detection Reveal New Targets of the <i>Salmonella enterica</i> Serovar Typhimurium HilA Regulatory Protein, Including hilA Itself. <i>Journal of Bacteriology</i> , 2005, 187, 4381-4391.	2.2	50
15	<i>Salmonella enterica</i> Causes More Severe Inflammatory Disease in C57/BL6 <i>Nramp1</i> ^{G169} Mice Than Sv129S6 Mice. <i>Veterinary Pathology</i> , 2013, 50, 867-876.	1.7	47
16	Chronic Murine Typhoid Fever Is a Natural Model of Secondary Hemophagocytic Lymphohistiocytosis. <i>PLoS ONE</i> , 2010, 5, e9441.	2.5	46
17	Ectopic induction of Clb2 in early G1 phase is sufficient to block prereplicative complex formation in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 2384-2389.	7.1	45
18	Hemophagocytic Macrophages in Murine Typhoid Fever Have an Anti-Inflammatory Phenotype. <i>Infection and Immunity</i> , 2012, 80, 3642-3649.	2.2	40

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19	<i>Salmonella</i> acquires ferrous iron from haemophagocytic macrophages. <i>Molecular Microbiology</i> , 2014, 93, 1314-1326.	2.5	36
20	A cell-based infection assay identifies efflux pump modulators that reduce bacterial intracellular load. <i>PLoS Pathogens</i> , 2018, 14, e1007115.	4.7	35
21	Intracellular microbes and haemophagocytosis. <i>Cellular Microbiology</i> , 2008, 10, 2151-2158.	2.1	31
22	<i>Salmonella enterica</i> Infection Stimulates Macrophages to Hemophagocytose. <i>MBio</i> , 2014, 5, e02211.	4.1	30
23	Long-term live-cell imaging reveals new roles for <i>Salmonella</i> effector proteins SseG and SteA. <i>Cellular Microbiology</i> , 2017, 19, e12641.	2.1	29
24	Physiologic Stresses Reveal a <i>Salmonella</i> Persister State and TA Family Toxins Modulate Tolerance to These Stresses. <i>PLoS ONE</i> , 2015, 10, e0141343.	2.5	27
25	A glycine betaine importer limits <i>Salmonella</i> stress resistance and tissue colonization by reducing trehalose production. <i>Molecular Microbiology</i> , 2012, 84, 296-309.	2.5	26
26	<i>Salmonella enterica</i> Replication in Hemophagocytic Macrophages Requires Two Type Three Secretion Systems. <i>Infection and Immunity</i> , 2010, 78, 3369-3377.	2.2	24
27	<i>Salmonella</i> Meningitis Associated with Monocyte Infiltration in Mice. <i>American Journal of Pathology</i> , 2017, 187, 187-199.	3.8	23
28	Increased Ferroportin-1 Expression and Rapid Splenic Iron Loss Occur with Anemia Caused by <i>Salmonella enterica</i> Serovar Typhimurium Infection in Mice. <i>Infection and Immunity</i> , 2015, 83, 2290-2299.	2.2	22
29	A small molecule that mitigates bacterial infection disrupts Gram-negative cell membranes and is inhibited by cholesterol and neutral lipids. <i>PLoS Pathogens</i> , 2020, 16, e1009119.	4.7	21
30	Clofazimine Reduces the Survival of <i>Salmonella enterica</i> in Macrophages and Mice. <i>ACS Infectious Diseases</i> , 2020, 6, 1238-1249.	3.8	17
31	Staphylococcal Bacterial Persister Cells, Biofilms, and Intracellular Infection Are Disrupted by JD1, a Membrane-Damaging Small Molecule. <i>MBio</i> , 2021, 12, e0180121.	4.1	16
32	<i>Salmonella enterica</i> Requires Lipid Metabolism Genes To Replicate in Proinflammatory Macrophages and Mice. <i>Infection and Immunity</i> , 2019, 88, .	2.2	15
33	Autophagy Induction by a Small Molecule Inhibits <i>Salmonella</i> Survival in Macrophages and Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	15
34	Bacterial Stimulation of Toll-Like Receptor 4 Drives Macrophages To Hemophagocytose. <i>Infection and Immunity</i> , 2016, 84, 47-55.	2.2	13
35	<i>Salmonella</i> Typhimurium Infection of Human Monocyte-Derived Macrophages. <i>Current Protocols in Microbiology</i> , 2018, 50, e56.	6.5	13
36	Cross-species cluster co-conservation: a new method for generating protein interaction networks. <i>Genome Biology</i> , 2007, 8, R185.	9.6	12

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37	Infection-based chemical screens uncover host-pathogen interactions. <i>Current Opinion in Microbiology</i> , 2020, 54, 43-50.	5.1	8
38	An Oral Fluorouracil Prodrug, Capecitabine, Mitigates a Gram-Positive Systemic Infection in Mice. <i>Microbiology Spectrum</i> , 2021, 9, e0027521.	3.0	7
39	A New Way to Beat Intestinal Pathogens. <i>Trends in Microbiology</i> , 2017, 25, 169-170.	7.7	6
40	A small molecule that disrupts <i>S. Typhimurium</i> membrane voltage without cell lysis reduces bacterial colonization of mice. <i>PLoS Pathogens</i> , 2022, 18, e1010606.	4.7	5
41	Dissecting host-pathogen molecular interactions with microarrays. <i>Methods in Microbiology</i> , 2002, 31, 19-35.	0.8	1
42	How Microbial Pathogens Subvert Host Innate Immune Defenses. , 2019, , 645-645.		0
43	2021 Acknowledgment of MMBR Reviewers. <i>Microbiology and Molecular Biology Reviews</i> , 2021, 85, e0016021.	6.6	0
44	Title is missing!. , 2020, 16, e1009119.		0
45	Title is missing!. , 2020, 16, e1009119.		0
46	Title is missing!. , 2020, 16, e1009119.		0
47	Title is missing!. , 2020, 16, e1009119.		0