Corrella S Detweiler

List of Publications by Year
in descending order

47	2,150	257450 24	276875 41
papers	citations	h-index	g-index

47	47	47	2529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A small molecule that disrupts S. Typhimurium membrane voltage without cell lysis reduces bacterial colonization of mice. PLoS Pathogens, 2022, 18, e1010606.	4.7	5
2	An Oral Fluorouracil Prodrug, Capecitabine, Mitigates a Gram-Positive Systemic Infection in Mice. Microbiology Spectrum, 2021, 9, e0027521.	3.0	7
3	Staphylococcal Bacterial Persister Cells, Biofilms, and Intracellular Infection Are Disrupted by JD1, a Membrane-Damaging Small Molecule. MBio, 2021, 12, e0180121.	4.1	16
4	2021 Acknowledgment of MMBR Reviewers. Microbiology and Molecular Biology Reviews, 2021, 85, e0016021.	6.6	0
5	Infection-based chemical screens uncover hostâ€“pathogen interactions. Current Opinion in Microbiology, 2020, 54, 43-50.	5.1	8
6	Clofazimine Reduces the Survival of Salmonella enterica in Macrophages and Mice. ACS Infectious Diseases, 2020, 6, 1238-1249.	3.8	17
7	A small molecule that mitigates bacterial infection disrupts Gram-negative cell membranes and is inhibited by cholesterol and neutral lipids. PLoS Pathogens, 2020, 16, e1009119.	4.7	21
8	Title is missing!. , 2020, 16, e1009119.		0
9	Title is missing!. , 2020, 16, e1009119.		0
10	Title is missing!. , 2020, 16, e1009119.		0
11	Title is missing!. , 2020, 16, e1009119.		0
12	Salmonella enterica Requires Lipid Metabolism Genes To Replicate in Proinflammatory Macrophages and Mice. Infection and Immunity, 2019, 88, .	2.2	15
13	How Microbial Pathogens Subvert Host Innate Immune Defenses. , 2019, , 645-645.		0
14	Autophagy Induction by a Small Molecule Inhibits Salmonella Survival in Macrophages and Mice. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	15
15	Salmonella Typhimurium Infection of Human Monocyteâ€Derived Macrophages. Current Protocols in Microbiology, 2018, 50, e56.	6.5	13
16	A cell-based infection assay identifies efflux pump modulators that reduce bacterial intracellular load. PLoS Pathogens, 2018, 14, e1007115.	4.7	35
17	A New Way to Beat Intestinal Pathogens. Trends in Microbiology, 2017, 25, 169-170.	7.7	6
18	Salmonella Meningitis Associated with Monocyte Infiltration in Mice. American Journal of Pathology, 2017, 187, 187-199.	3.8	23

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19	Potentiating antibiotics in drug-resistant clinical isolates via stimuli-activated superoxide generation. Science Advances, 2017, 3, e1701776.	10.3	107
20	Long-term live-cell imaging reveals new roles forSalmonellaeffector proteins SseG and SteA. Cellular Microbiology, 2017, 19, e12641.	2.1	29
21	Bacterial Stimulation of Toll-Like Receptor 4 Drives Macrophages To Hemophagocytose. Infection and Immunity, 2016, 84, 47-55.	2.2	13
22	The Biomechanisms of Metal and Metal-Oxide Nanoparticlesâ€™ Interactions with Cells. International Journal of Environmental Research and Public Health, 2015, 12, 1112-1134.	2.6	79
23	Physiologic Stresses Reveal a Salmonella Persister State and TA Family Toxins Modulate Tolerance to These Stresses. PLoS ONE, 2015, 10, e0141343.	2.5	27
24	Increased Ferroportin-1 Expression and Rapid Splenic Iron Loss Occur with Anemia Caused by Salmonella enterica Serovar Typhimurium Infection in Mice. Infection and Immunity, 2015, 83, 2290-2299.	2.2	22
25	Salmonella enterica Infection Stimulates Macrophages to Hemophagocytose. MBio, 2014, 5, e02211.	4.1	30
26	<scp>S</scp>almonella acquires ferrous iron from haemophagocytic macrophages. Molecular Microbiology, 2014, 93, 1314-1326.	2.5	36
27	The Ferric Enterobactin Transporter Fep Is Required for Persistent Salmonella enterica Serovar Typhimurium Infection. Infection and Immunity, 2013, 81, 4063-4070.	2.2	55
28	Salmonella enterica Causes More Severe Inflammatory Disease in C57/BL6 Nramp1^{G169}Mice Than Sv129S6 Mice. Veterinary Pathology, 2013, 50, 867-876.	1.7	47
29	Hemophagocytic Macrophages in Murine Typhoid Fever Have an Anti-Inflammatory Phenotype. Infection and Immunity, 2012, 80, 3642-3649.	2.2	40
30	A glycine betaine importer limits Salmonella stress resistance and tissue colonization by reducing trehalose production. Molecular Microbiology, 2012, 84, 296-309.	2.5	26
31	Salmonella enterica Replication in Hemophagocytic Macrophages Requires Two Type Three Secretion Systems. Infection and Immunity, 2010, 78, 3369-3377.	2.2	24
32	Chronic Murine Typhoid Fever Is a Natural Model of Secondary Hemophagocytic Lymphohistiocytosis. PLoS ONE, 2010, 5, e9441.	2.5	46
33	A Protein Important for Antimicrobial Peptide Resistance, YdeI/OmdA, Is in the Periplasm and Interacts with OmpD/NmpC. Journal of Bacteriology, 2009, 191, 7243-7252.	2.2	53
34	Intracellular microbes and haemophagocytosis. Cellular Microbiology, 2008, 10, 2151-2158.	2.1	31
35	Hemophagocytic Macrophages Harbor Salmonella enterica during Persistent Infection. PLoS Pathogens, 2007, 3, e193.	4.7	87
36	Cross-species cluster co-conservation: a new method for generating protein interaction networks. Genome Biology, 2007, 8, R185.	9.6	12

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37	The Rcs phosphorelay system is specific to enteric pathogens/commensals and activatesydeI, a gene important for persistentSalmonellainfection of mice. Molecular Microbiology, 2006, 62, 883-894.	2.5	88
38	Microarray Analysis and Motif Detection Reveal New Targets of the Salmonella enterica Serovar Typhimurium HilA Regulatory Protein, Including hilA Itself. Journal of Bacteriology, 2005, 187, 4381-4391.	2.2	50
39	virK, somA and rcsC are important for systemic Salmonella enterica serovar Typhimurium infection and cationic peptide resistance. Molecular Microbiology, 2003, 48, 385-400.	2.5	152
40	Genomic Comparison of Salmonella enterica Serovars and Salmonella bongori by Use of an S. enterica Serovar Typhimurium DNA Microarray. Journal of Bacteriology, 2003, 185, 553-563.	2.2	211
41	2 Dissecting host-pathogen molecular interactions with microarrays. Methods in Microbiology, 2002, 31, 19-35.	0.8	1
42	Salmonella pathogenicity island 2-dependent macrophage death is mediated in part by the host cysteine protease caspase-1. Cellular Microbiology, 2001, 3, 825-837.	2.1	108
43	Host microarray analysis reveals a role for the Salmonella response regulator phoP in human macrophage cell death. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 5850-5855.	7.1	112
44	OmpR Regulates the Two-Component System SsrA-SsrB in Salmonella Pathogenicity Island 2. Journal of Bacteriology, 2000, 182, 771-781.	2.2	291
45	Ectopic induction of Clb2 in early G1 phase is sufficient to block prereplicative complex formation in Saccharomyces cerevisiae. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 2384-2389.	7.1	45
46	CDC45 is required in conjunction with CDC7/DBF4 to trigger the initiation of DNA replication. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 12521-12526.	7.1	96
47	Cdc6p establishes and maintains a state of replication competence during G1 phase. Journal of Cell Science, 1997, 110, 753-763.	2.0	51