Clayton C Caswell

List of Publications by Year
in descending order

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32	761	567281 15	552781 26
papers	citations	h-index	g-index

32	32	32	819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Survival of the fittest: how Brucella strains adapt to their intracellular niche in the host. Medical Microbiology and Immunology, 2009, 198, 221-238.	4.8	201
2	Identification of two small regulatory RNAs linked to virulence in Brucella abortus 2308. Molecular Microbiology, 2012, 85, 345-360.	2.5	73
3	The RNA Chaperone Hfq Independently Coordinates Expression of the VirB Type IV Secretion System and the LuxR-Type Regulator BabR in Brucella abortus 2308. Journal of Bacteriology, 2012, 194, 3-14.	2.2	56
4	Diverse Genetic Regulon of the Virulence-Associated Transcriptional Regulator MucR in Brucella abortus 2308. Infection and Immunity, 2013, 81, 1040-1051.	2.2	53
5	Sibling rivalry: related bacterial small RNAs and their redundant and non-redundant roles. Frontiers in Cellular and Infection Microbiology, 2014, 4, 151.	3.9	38
6	Brucella abortus Strain 2308 Wisconsin Genome: Importance of the Definition of Reference Strains. Frontiers in Microbiology, 2016, 7, 1557.	3.5	37
7	A <scp>LysR</scp>â€family transcriptional regulator required for virulence in <scp>B</scp>rucella abortus is highly conserved among the Î±â€proteobacteria. Molecular Microbiology, 2015, 98, 318-328.	2.5	33
8	Coordinated Zinc Homeostasis Is Essential for the Wild-Type Virulence of Brucella abortus. Journal of Bacteriology, 2015, 197, 1582-1591.	2.2	28
9	Quantitative Variation in m.3243Aâ€‰›â€‰G Mutation Produce Discrete Changes in Energy Metabolism. Scientific Reports, 2019, 9, 5752.	3.3	27
10	A 6-Nucleotide Regulatory Motif within the AbcR Small RNAs of Brucella abortus Mediates Host-Pathogen Interactions. MBio, 2017, 8, .	4.1	22
11	Characterization of the Organic Hydroperoxide Resistance System of Brucella abortus 2308. Journal of Bacteriology, 2012, 194, 5065-5072.	2.2	21
12	Transcriptome-Wide Identification of Hfq-Associated RNAs in Brucella suis by Deep Sequencing. Journal of Bacteriology, 2016, 198, 427-435.	2.2	20
13	Enhanced Mucosal Defense and Reduced Tumor Burden in Mice with the Compromised Negative Regulator IRAK-M. EBioMedicine, 2017, 15, 36-47.	6.1	20
14	Endoribonuclease YbeY Is Linked to Proper Cellular Morphology and Virulence in Brucella abortus. Journal of Bacteriology, 2018, 200, .	2.2	17
15	Proline utilization system is required for infection by the pathogenic Î±-proteobacterium Brucella abortus. Microbiology (United Kingdom), 2017, 163, 970-979.	1.8	16
16	Characterization of Three Small Proteins in Brucella abortus Linked to Fucose Utilization. Journal of Bacteriology, 2018, 200, .	2.2	15
17	Sinorhizobium meliloti YbeY is a zinc-dependent single-strand specific endoribonuclease that plays an important role in 16S ribosomal RNA processing. Nucleic Acids Research, 2020, 48, 332-348.	14.5	14
18	An account of evolutionary specialization: the AbcR small RNAs in the Rhizobiales. Molecular Microbiology, 2018, 107, 24-33.	2.5	13

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19	The Endoribonuclease RNase E Coordinates Expression of mRNAs and Small Regulatory RNAs and Is Critical for the Virulence of Brucella abortus. Journal of Bacteriology, 2020, 202, .	2.2	12
20	Sibling sRNA RyfA1 Influences Shigella dysenteriae Pathogenesis. Genes, 2017, 8, 50.	2.4	11
21	A central role for the transcriptional regulator VtlR in small RNA-mediated gene regulation inÂAgrobacterium tumefaciens. Scientific Reports, 2020, 10, 14968.	3.3	9
22	Enemy of My Enemy: A Novel Insect-Specific Flavivirus Offers a Promising Platform for a Zika Virus Vaccine. Vaccines, 2021, 9, 1142.	4.4	9
23	ASC-Mediated Inflammation and Pyroptosis Attenuates Brucella abortus Pathogenesis Following the Recognition of gDNA. Pathogens, 2020, 9, 1008.	2.8	8
24	Characterizing the transport and utilization of the neurotransmitter GABA in the bacterial pathogen Brucella abortus. PLoS ONE, 2020, 15, e0237371.	2.5	3
25	Defining the regulatory mechanism of NikR, a nickel-responsive transcriptional regulator, in Brucella abortus. Microbiology (United Kingdom), 2018, 164, 1320-1325.	1.8	3
26	The Role of Zinc in the Biology and Virulence of Brucella Strains. , 2017, , 63-72.		1
27	Presumptive Identification of Smooth Brucella Strain Antibodies in Canines. Frontiers in Veterinary Science, 2021, 8, 697479.	2.2	1
28	Assessment of Survival and Replication of Brucella spp. in Murine Peritoneal Macrophages. Methods in Molecular Biology, 2019, 1960, 181-189.	0.9	0
29	Title is missing!. , 2020, 15, e0237371.		0
30	Title is missing!. , 2020, 15, e0237371.		0
31	Title is missing!. , 2020, 15, e0237371.		0
32	Title is missing!. , 2020, 15, e0237371.		0