

Clayton C Caswell

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

761
citations

567247

15
h-index

552766

26
g-index

32
all docs

32
docs citations

32
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Survival of the fittest: how <i>Brucella</i> strains adapt to their intracellular niche in the host. <i>Medical Microbiology and Immunology</i> , 2009, 198, 221-238.	4.8	201
2	Identification of two small regulatory RNAs linked to virulence in <i>Brucella abortus</i> 2308. <i>Molecular Microbiology</i> , 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 <i>Brucella abortus</i> 2308. <i>Journal of Bacteriology</i> , 2012, 194, 3-14.	2.2	56
4	Diverse Genetic Regulon of the Virulence-Associated Transcriptional Regulator MucR in <i>Brucella abortus</i> 2308. <i>Infection and Immunity</i> , 2013, 81, 1040-1051.	2.2	53
5	Sibling rivalry: related bacterial small RNAs and their redundant and non-redundant roles. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 151.	3.9	38
6	<i>Brucella abortus</i> Strain 2308 Wisconsin Genome: Importance of the Definition of Reference Strains. <i>Frontiers in Microbiology</i> , 2016, 7, 1557.	3.5	37
7	A <i>LysR</i> -family transcriptional regulator required for virulence in <i>Brucella abortus</i> is highly conserved among the α -proteobacteria. <i>Molecular Microbiology</i> , 2015, 98, 318-328.	2.5	33
8	Coordinated Zinc Homeostasis Is Essential for the Wild-Type Virulence of <i>Brucella abortus</i> . <i>Journal of Bacteriology</i> , 2015, 197, 1582-1591.	2.2	28
9	Quantitative Variation in m.3243A \rightarrow G Mutation Produce Discrete Changes in Energy Metabolism. <i>Scientific Reports</i> , 2019, 9, 5752.	3.3	27
10	A 6-Nucleotide Regulatory Motif within the <i>AbcR</i> Small RNAs of <i>Brucella abortus</i> Mediates Host-Pathogen Interactions. <i>MBio</i> , 2017, 8, .	4.1	22
11	Characterization of the Organic Hydroperoxide Resistance System of <i>Brucella abortus</i> 2308. <i>Journal of Bacteriology</i> , 2012, 194, 5065-5072.	2.2	21
12	Transcriptome-Wide Identification of Hfq-Associated RNAs in <i>Brucella suis</i> by Deep Sequencing. <i>Journal of Bacteriology</i> , 2016, 198, 427-435.	2.2	20
13	Enhanced Mucosal Defense and Reduced Tumor Burden in Mice with the Compromised Negative Regulator IRAK-M. <i>EBioMedicine</i> , 2017, 15, 36-47.	6.1	20
14	Endoribonuclease YbeY Is Linked to Proper Cellular Morphology and Virulence in <i>Brucella abortus</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	17
15	Proline utilization system is required for infection by the pathogenic α -proteobacterium <i>Brucella abortus</i> . <i>Microbiology (United Kingdom)</i> , 2017, 163, 970-979.	1.8	16
16	Characterization of Three Small Proteins in <i>Brucella abortus</i> Linked to Fucose Utilization. <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	15
17	<i>Sinorhizobium meliloti</i> YbeY is a zinc-dependent single-strand specific endoribonuclease that plays an important role in 16S ribosomal RNA processing. <i>Nucleic Acids Research</i> , 2020, 48, 332-348.	14.5	14
18	An account of evolutionary specialization: the <i>AbcR</i> small RNAs in the <i>Rhizobiales</i> . <i>Molecular Microbiology</i> , 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 <i>Brucella abortus</i> . <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	12
20	Sibling sRNA RyfA1 Influences <i>Shigella dysenteriae</i> Pathogenesis. <i>Genes</i> , 2017, 8, 50.	2.4	11
21	A central role for the transcriptional regulator VtIR in small RNA-mediated gene regulation in <i>Agrobacterium tumefaciens</i> . <i>Scientific Reports</i> , 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. <i>Vaccines</i> , 2021, 9, 1142.	4.4	9
23	ASC-Mediated Inflammation and Pyroptosis Attenuates <i>Brucella abortus</i> Pathogenesis Following the Recognition of gDNA. <i>Pathogens</i> , 2020, 9, 1008.	2.8	8
24	Characterizing the transport and utilization of the neurotransmitter GABA in the bacterial pathogen <i>Brucella abortus</i> . <i>PLoS ONE</i> , 2020, 15, e0237371.	2.5	3
25	Defining the regulatory mechanism of NikR, a nickel-responsive transcriptional regulator, in <i>Brucella abortus</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 1320-1325.	1.8	3
26	The Role of Zinc in the Biology and Virulence of <i>Brucella</i> Strains. , 2017, , 63-72.		1
27	Presumptive Identification of Smooth <i>Brucella</i> Strain Antibodies in Canines. <i>Frontiers in Veterinary Science</i> , 2021, 8, 697479.	2.2	1
28	Assessment of Survival and Replication of <i>Brucella</i> spp. in Murine Peritoneal Macrophages. <i>Methods in Molecular Biology</i> , 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