Bradley R Borlee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5420918/publications.pdf

Version: 2024-02-01

38	2,551	516681 16	361001 35
papers	citations	h-index	g-index

41	41	41	3094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pseudomonas aeruginosa uses a cyclicâ€diâ€GMPâ€regulated adhesin to reinforce the biofilm extracellular matrix. Molecular Microbiology, 2010, 75, 827-842.	2.5	450
2	The Pel Polysaccharide Can Serve a Structural and Protective Role in the Biofilm Matrix of Pseudomonas aeruginosa. PLoS Pathogens, 2011, 7, e1001264.	4.7	428
3	Precision-engineering the Pseudomonas aeruginosa genome with two-step allelic exchange. Nature Protocols, 2015, 10, 1820-1841.	12.0	381
4	Self-produced exopolysaccharide is a signal that stimulates biofilm formation in Pseudomonas aeruginosa. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20632-20636.	7.1	265
5	Fluorescence-Based Reporter for Gauging Cyclic Di-GMP Levels in Pseudomonas aeruginosa. Applied and Environmental Microbiology, 2012, 78, 5060-5069.	3.1	234
6	Intracellular Screen To Identify Metagenomic Clones That Induce or Inhibit a Quorum-Sensing Biosensor. Applied and Environmental Microbiology, 2005, 71, 6335-6344.	3.1	191
7	Signal Mimics Derived from a Metagenomic Analysis of the Gypsy Moth Gut Microbiota. Applied and Environmental Microbiology, 2007, 73, 3669-3676.	3.1	66
8	Identification of Synthetic Inducers and Inhibitors of the Quorum-Sensing Regulator LasR in Pseudomonas aeruginosa by High-Throughput Screening. Applied and Environmental Microbiology, 2010, 76, 8255-8258.	3.1	58
9	Nitrate Sensing and Metabolism Inhibit Biofilm Formation in the Opportunistic Pathogen Burkholderia pseudomallei by Reducing the Intracellular Concentration of c-di-GMP. Frontiers in Microbiology, 2017, 8, 1353.	3.5	48
10	Cyclic Di-GMP-Regulated Periplasmic Proteolysis of a Pseudomonas aeruginosa Type Vb Secretion System Substrate. Journal of Bacteriology, 2016, 198, 66-76.	2.2	44
11	Spatial transcriptomes within the Pseudomonas aeruginosa biofilm architecture. Molecular Microbiology, 2017, 106, 976-985.	2.5	42
12	In Vitro Efficacy of Nonantibiotic Treatments on Biofilm Disruption of Gram-Negative Pathogens and an In Vivo Model of Infectious Endometritis Utilizing Isolates from the Equine Uterus. Journal of Clinical Microbiology, 2016, 54, 631-639.	3.9	40
13	Thermoregulation of Biofilm Formation in Burkholderia pseudomallei Is Disrupted by Mutation of a Putative Diguanylate Cyclase. Journal of Bacteriology, 2017, 199, .	2.2	36
14	Model of Chronic Equine Endometritis Involving a Pseudomonas aeruginosa Biofilm. Infection and Immunity, 2017, 85, .	2.2	26
15	A Chemical Counterpunch: Chromobacterium violaceum ATCC 31532 Produces Violacein in Response to Translation-Inhibiting Antibiotics. MBio, 2020, 11, .	4.1	23
16	Quorum-sensing signals in the microbial community of the cabbage white butterfly larval midgut. ISME Journal, 2008, 2, 1101-1111.	9.8	20
17	Induction of RNA interference to block Zika virus replication and transmission in the mosquito Aedes aegypti. Insect Biochemistry and Molecular Biology, 2019, 111, 103169.	2.7	19
18	Genome-scale analysis of the genes that contribute to Burkholderia pseudomallei biofilm formation identifies a crucial exopolysaccharide biosynthesis gene cluster. PLoS Neglected Tropical Diseases, 2017, 11, e0005689.	3.0	19

#	Article	IF	Citations
19	Different Methods for Culturing Biofilms In Vitro. , 2011, , 251-266.		18
20	Transcriptional and post-transcriptional regulation of PenA Î²-lactamase in acquired Burkholderia pseudomallei Î²-lactam resistance. Scientific Reports, 2018, 8, 10652.	3.3	16
21	Multiple Environmental Factors Influence the Importance of the Phosphodiesterase DipA upon Pseudomonas aeruginosa Swarming. Applied and Environmental Microbiology, 2018, 84, .	3.1	14
22	The NarX-NarL two-component system regulates biofilm formation, natural product biosynthesis, and host-associated survival in Burkholderia pseudomallei. Scientific Reports, 2022, 12, 203.	3.3	14
23	InÂVitro Biofilm Disruption and Bacterial Killing Using Nonantibiotic Compounds Against Gram-Negative Equine Uterine Pathogens. Journal of Equine Veterinary Science, 2017, 53, 94-99.	0.9	11
24	Burkholderia pseudomallei as an Enteric Pathogen: Identification of Virulence Factors Mediating Gastrointestinal Infection. Infection and Immunity, 2020, 89, .	2.2	11
25	Unique Features of Mycobacterium abscessus Biofilms Formed in Synthetic Cystic Fibrosis Medium. Frontiers in Microbiology, 2021, 12, 743126.	3.5	11
26	The Current Status of Extracellular Polymeric Substances Produced by Burkholderia pseudomallei. Current Tropical Medicine Reports, 2017, 4, 117-126.	3.7	9
27	Busting biofilms: free-living amoebae disrupt preformed methicillin-resistant Staphylococcus aureus (MRSA) and Mycobacterium bovis biofilms. Microbiology (United Kingdom), 2020, 166, 695-706.	1.8	9
28	Diguanylate cyclase activity of the Mycobacterium leprae T cell antigen ML1419c. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	8
29	Pharmacokinetics of Intrauterine Ciprofloxacin in the Mare and Establishment of Minimum Inhibitory Concentrations for Equine Uterine Bacterial Isolates. Journal of Equine Veterinary Science, 2017, 54, 54-59.	0.9	6
30	Ability of Chromogenic Agar, MALDI-TOF, API 20E and 20 Strep Strips, and BBL Crystal Enteric and Gram-Positive Identification Kits to Precisely Identify Common Equine Uterine Pathogens. Journal of Equine Veterinary Science, 2017, 57, 35-40.	0.9	6
31	Pseudomonas aeruginosa variants obtained from veterinary clinical samples reveal a role for cyclic di-GMP in biofilm formation and colony morphology. Microbiology (United Kingdom), 2017, 163, 1613-1625.	1.8	6
32	Cyclic di-GMP-Responsive Transcriptional Reporter Bioassays in Pseudomonas aeruginosa. Methods in Molecular Biology, 2017, 1657, 99-110.	0.9	5
33	Cyclic di-GMP in Burkholderia spp.. , 2020, , 519-543.		4
34	2-Aminoimidazoles Inhibit Mycobacterium abscessus Biofilms in a Zinc-Dependent Manner. International Journal of Molecular Sciences, 2022, 23, 2950.	4.1	4
35	Complete Genome Sequence of Pandoraea pnomenusa TF-18, a Multidrug-Resistant Organism Isolated from the Rhizosphere of Rice (Oryza sativa L. subsp. japonica). Microbiology Resource Announcements, 2020, 9, .	0.6	1
36	Identification of a PadR-type regulator essential for intracellular pathogenesis of Burkholderia pseudomallei. Scientific Reports, 2021, 11, 10405.	3.3	1

#	Article	IF	Citations
37	Disruption of c-di-GMP Signaling Networks Unlocks Cryptic Expression of Secondary Metabolites during Biofilm Growth in Burkholderia pseudomallei. Applied and Environmental Microbiology, 2022, 88, e0243121.	3.1	1
38	Complete Genome Sequences of Eight Streptococcus equi subsp. zooepidemicus Strains Isolated from Mares in Estrus with Endometritis. Microbiology Resource Announcements, 2021, 10, e0132120.	0.6	0