

Bradley R Borlee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,769
citations

15
h-index

41
g-index

41
ext. papers

2,236
ext. citations

4.9
avg, IF

4.29
L-index

#	Paper	IF	Citations
37	<i>Pseudomonas aeruginosa</i> uses a cyclic-di-GMP-regulated adhesin to reinforce the biofilm extracellular matrix. <i>Molecular Microbiology</i> , 2010 , 75, 827-42	4.1	347
36	The pel polysaccharide can serve a structural and protective role in the biofilm matrix of <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2011 , 7, e1001264	7.6	330
35	Precision-engineering the <i>Pseudomonas aeruginosa</i> genome with two-step allelic exchange. <i>Nature Protocols</i> , 2015 , 10, 1820-41	18.8	200
34	Self-produced exopolysaccharide is a signal that stimulates biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20632-6	11.5	185
33	Intracellular screen to identify metagenomic clones that induce or inhibit a quorum-sensing biosensor. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 6335-44	4.8	171
32	Fluorescence-based reporter for gauging cyclic di-GMP levels in <i>Pseudomonas aeruginosa</i> . <i>Applied and Environmental Microbiology</i> , 2012 , 78, 5060-9	4.8	153
31	Signal mimics derived from a metagenomic analysis of the gypsy moth gut microbiota. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 3669-76	4.8	64
30	Identification of synthetic inducers and inhibitors of the quorum-sensing regulator LasR in <i>Pseudomonas aeruginosa</i> by high-throughput screening. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 8255-8	4.8	43
29	Cyclic Di-GMP-Regulated Periplasmic Proteolysis of a <i>Pseudomonas aeruginosa</i> Type Vb Secretion System Substrate. <i>Journal of Bacteriology</i> , 2016 , 198, 66-76	3.5	30
28	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. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 631-9	9.7	30
27	Nitrate Sensing and Metabolism Inhibit Biofilm Formation in the Opportunistic Pathogen by Reducing the Intracellular Concentration of c-di-GMP. <i>Frontiers in Microbiology</i> , 2017 , 8, 1353	5.7	29
26	Spatial transcriptomes within the <i>Pseudomonas aeruginosa</i> biofilm architecture. <i>Molecular Microbiology</i> , 2017 , 106, 976-985	4.1	23
25	Thermoregulation of Biofilm Formation in <i>Burkholderia pseudomallei</i> Is Disrupted by Mutation of a Putative Diguanylate Cyclase. <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	21
24	Quorum-sensing signals in the microbial community of the cabbage white butterfly larval midgut. <i>ISME Journal</i> , 2008 , 2, 1101-11	11.9	19
23	Model of Chronic Equine Endometritis Involving a <i>Pseudomonas aeruginosa</i> Biofilm. <i>Infection and Immunity</i> , 2017 , 85,	3.7	17
22	A Chemical Counterpunch: <i>Chromobacterium violaceum</i> ATCC 31532 Produces Violacein in Response to Translation-Inhibiting Antibiotics. <i>MBio</i> , 2020 , 11,	7.8	14
21	Different Methods for Culturing Biofilms In Vitro 2011 , 251-266		13

20	Multiple Environmental Factors Influence the Importance of the Phosphodiesterase DipA upon <i>Pseudomonas aeruginosa</i> Swarming. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	12
19	Transcriptional and post-transcriptional regulation of PenA β -lactamase in acquired <i>Burkholderia pseudomallei</i> β -lactam resistance. <i>Scientific Reports</i> , 2018 , 8, 10652	4.9	9
18	Genome-scale analysis of the genes that contribute to <i>Burkholderia pseudomallei</i> biofilm formation identifies a crucial exopolysaccharide biosynthesis gene cluster. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005689	4.8	8
17	Induction of RNA interference to block Zika virus replication and transmission in the mosquito <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019 , 111, 103169	4.5	7
16	The Current Status of Extracellular Polymeric Substances Produced by <i>Burkholderia pseudomallei</i> . <i>Current Tropical Medicine Reports</i> , 2017 , 4, 117-126	5	6
15	Diguanylate cyclase activity of the <i>Mycobacterium leprae</i> T cell antigen ML1419c. <i>Microbiology (United Kingdom)</i> , 2016 , 162, 1651-1661	2.9	6
14	Pharmacokinetics of Intrauterine Ciprofloxacin in the Mare and Establishment of Minimum Inhibitory Concentrations for Equine Uterine Bacterial Isolates. <i>Journal of Equine Veterinary Science</i> , 2017 , 54, 54-59	1.2	4
13	In Vitro Biofilm Disruption and Bacterial Killing Using Nonantibiotic Compounds Against Gram-Negative Equine Uterine Pathogens. <i>Journal of Equine Veterinary Science</i> , 2017 , 53, 94-99	1.2	4
12	The NarX-NarL two-component system regulates biofilm formation, natural product biosynthesis, and host-associated survival in <i>Burkholderia pseudomallei</i> . <i>Scientific Reports</i> , 2022 , 12, 203	4.9	4
11	Cyclic di-GMP-Responsive Transcriptional Reporter Bioassays in <i>Pseudomonas aeruginosa</i> . <i>Methods in Molecular Biology</i> , 2017 , 1657, 99-110	1.4	3
10	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. <i>Journal of Equine Veterinary Science</i> , 2017 , 57, 35-40	1.2	3
9	Cyclic di-GMP in <i>Burkholderia</i> spp. 2020 , 519-543		3
8	Unique Features of Biofilms Formed in Synthetic Cystic Fibrosis Medium. <i>Frontiers in Microbiology</i> , 2021 , 12, 743126	5.7	2
7	<i>Pseudomonas aeruginosa</i> variants obtained from veterinary clinical samples reveal a role for cyclic di-GMP in biofilm formation and colony morphology. <i>Microbiology (United Kingdom)</i> , 2017 , 163, 1613-1625	2.9	2
6	The NarX-NarL two-component system is a global regulator of biofilm formation, natural product biosynthesis, and host-associated survival in <i>Burkholderia pseudomallei</i>		2
5	<i>Burkholderia pseudomallei</i> as an Enteric Pathogen: Identification of Virulence Factors Mediating Gastrointestinal Infection. <i>Infection and Immunity</i> , 2020 , 89,	3.7	2
4	Busting biofilms: free-living amoebae disrupt preformed methicillin-resistant (MRSA) and biofilms. <i>Microbiology (United Kingdom)</i> , 2020 , 166, 695-706	2.9	1
3	Identification of a PadR-type regulator essential for intracellular pathogenesis of <i>Burkholderia pseudomallei</i> . <i>Scientific Reports</i> , 2021 , 11, 10405	4.9	0

- 2 Complete Genome Sequences of Eight *Streptococcus equi* subsp. Strains Isolated from Mares in Estrus with Endometritis. *Microbiology Resource Announcements*, **2021**, 10, e0132120 1.3
- 1 Disruption of c-di-GMP Signaling Networks Unlocks Cryptic Expression of Secondary Metabolites during Biofilm Growth in .. *Applied and Environmental Microbiology*, **2022**, e0243121 4.8