Leonilde M Moreira

List of Publications by Year
in descending order

43 papers	2,316 citations	328504 20 h-index	269873 40 g-index
44 all docs	44 docs citations	44 times ranked	3597 citing authors

#	Article	IF	Citations
1	Genomic editing in Burkholderia multivorans by CRISPR/Cas9. Applied and Environmental Microbiology, 2024, 90, .	3.2	0
2	Transcriptome profiling of human pluripotent stem cellâ€derived cerebellar organoids reveals faster commitment under dynamic conditions. Biotechnology and Bioengineering, 2021, 118, 2781-2803.	3.5	22
3	A Histone-Like Nucleoid Structuring Protein Regulates Several Virulence Traits in Burkholderia multivorans. Applied and Environmental Microbiology, 2021, 87, e0036921.	3.2	1
4	A Polyclonal Antibody Raised against the Burkholderia cenocepacia OmpA-like Protein BCAL2645 Impairs the Bacterium Adhesion and Invasion of Human Epithelial Cells In Vitro. Biomedicines, 2021, 9, 1788.	3.3	6
5	Transcriptomic analysis of 3D Cardiac Differentiation of Human Induced Pluripotent Stem Cells Reveals Faster Cardiomyocyte Maturation Compared to 2D Culture. Scientific Reports, 2019, 9, 9229.	3.4	83
6	Mucoid switch in Burkholderia cepacia complex bacteria: Triggers, molecular mechanisms and implications in pathogenesis. Advances in Applied Microbiology, 2019, 107, 113-140.	3.8	11
7	Differences in Virulence Between Legionella pneumophila Isolates From Human and Non-human Sources Determined in Galleria mellonella Infection Model. Frontiers in Cellular and Infection Microbiology, 2018, 8, 97.	4.0	9
8	The OmpR Regulator of Burkholderia multivorans Controls Mucoid-to-Nonmucoid Transition and Other Cell Envelope Properties Associated with Persistence in the Cystic Fibrosis Lung. Journal of Bacteriology, 2018, 200, .	2.4	16
9	Regulator LdhR and <scp>d</scp> -Lactate Dehydrogenase LdhA of Burkholderia multivorans Play Roles in Carbon Overflow and in Planktonic Cellular Aggregate Formation. Applied and Environmental Microbiology, 2017, 83, .	3.2	19
10	Draft Genome Sequence of the Plasmid-Free Lactococcus lactis subsp. lactis Strain LMG 19460. Genome Announcements, 2017, 5, .	0.8	2
11	Long-Term Evolution of Burkholderia multivorans during a Chronic Cystic Fibrosis Infection Reveals Shifting Forces of Selection. MSystems, 2016, 1, .	4.0	94
12	Stress Conditions Triggering Mucoidâ€toâ€nonmucoid Morphotype Variation in Burkholderia , and Effects on Virulence and Biofilm Formation. , 2016, , 1295-1303.		0
13	Draft Genome Sequences of Two Burkholderia multivorans Sequential Isolates from a Chronic Lung Infection of a Cystic Fibrosis Patient. Genome Announcements, 2015, 3, .	0.8	2
14	Minimum Information about a Biosynthetic Gene cluster. Nature Chemical Biology, 2015, 11, 625-631.	8.0	743
15	The Tyrosine Kinase BceF and the Phosphotyrosine Phosphatase BceD of Burkholderia contaminans Are Required for Efficient Invasion and Epithelial Disruption of a Cystic Fibrosis Lung Epithelial Cell Line. Infection and Immunity, 2015, 83, 812-821.	2.3	18
16	Disseminated <scp>C</scp>unninghamella bertholletiae infection with septic pulmonary embolism after allogeneic bone marrow transplantation. Transplant Infectious Disease, 2014, 16, 304-306.	1.6	6
17	The Sinorhizobium meliloti EmrR Regulator Is Required for Efficient Colonization of Medicago sativa Root Nodules. Molecular Plant-Microbe Interactions, 2014, 27, 388-399.	2.8	22
18	Comparative Transcriptomic Analysis of the Burkholderia cepacia Tyrosine Kinase bceF Mutant Reveals a Role in Tolerance to Stress, Biofilm Formation, and Virulence. Applied and Environmental Microbiology, 2013, 79, 3009-3020.	3.2	46

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19	Stress Conditions Triggering Mucoid Morphotype Variation in Burkholderia Species and Effect on Virulence in Galleria mellonella and Biofilm Formation In Vitro. PLoS ONE, 2013, 8, e82522.	2.5	17
20	Role of tyrosine phosphorylation in the regulation of Burkholderia cell physiology. , 2011, , .		0
21	Mucoid morphotype variation of Burkholderia multivorans during chronic cystic fibrosis lung infection is correlated with changes in metabolism, motility, biofilm formation and virulence. Microbiology (United Kingdom), 2011, 157, 3124-3137.	1.7	52
22	Structure of Burkholderia cepacia UDP-Glucose Dehydrogenase (UGD) BceC and Role of Tyr10 in Final Hydrolysis of UGD Thioester Intermediate. Journal of Bacteriology, 2011, 193, 3978-3987.	2.4	26
23	Insights into the role of extracellular polysaccharides in Burkholderia adaptation to different environments. Frontiers in Cellular and Infection Microbiology, 2011, 1, 16.	4.0	57
24	Pathogenicity, virulence factors, and strategies to fight against Burkholderia cepacia complex pathogens and related species. Applied Microbiology and Biotechnology, 2010, 87, 31-40.	3.6	94
25	Absence of functional TolC protein causes increased stress response gene expression in Sinorhizobium meliloti. BMC Microbiology, 2010, 10, 180.	3.3	34
26	Distribution of Cepacian Biosynthesis Genes among Environmental and Clinical Burkholderia Strains and Role of Cepacian Exopolysaccharide in Resistance to Stress Conditions. Applied and Environmental Microbiology, 2010, 76, 441-450.	3.2	91
27	The hfq gene is required for stress resistance and full virulence of Burkholderia cepacia to the nematode Caenorhabditis elegans. Microbiology (United Kingdom), 2010, 156, 896-908.	1.7	57
28	Structural analysis of gellans produced by Sphingomonas elodea strains by electrospray tandem mass spectrometry. Carbohydrate Polymers, 2009, 77, 10-19.	10.4	30
29	Occurrence, production, and applications of gellan: current state and perspectives. Applied Microbiology and Biotechnology, 2008, 79, 889-900.	3.6	224
30	Functional analysis of the Burkholderia cenocepacia J2315 BceAJ protein with phosphomannose isomerase and GDP-d-mannose pyrophosphorylase activities. Applied Microbiology and Biotechnology, 2008, 80, 1015-1022.	3.6	16
31	Differential Mucoid Exopolysaccharide Production by Members of the Burkholderia cepacia Complex. Journal of Clinical Microbiology, 2008, 46, 1470-1473.	4.4	86
32	The Outer Membrane Protein TolC from Sinorhizobium meliloti Affects Protein Secretion, Polysaccharide Biosynthesis, Antimicrobial Resistance, and Symbiosis. Molecular Plant-Microbe Interactions, 2008, 21, 947-957.	2.8	50
33	Biotechnology of the Bacterial Gellan Gum: Genes and Enzymes of the Biosynthetic Pathway. , 2007, , 233-250.		4
34	The Burkholderia cepacia bceA gene encodes a protein with phosphomannose isomerase and GDP-d-mannose pyrophosphorylase activities. Biochemical and Biophysical Research Communications, 2007, 353, 200-206.	2.2	27
35	Functional Analysis of Burkholderia cepacia Genes bceD and bceF, Encoding a Phosphotyrosine Phosphatase and a Tyrosine Autokinase, Respectively: Role in Exopolysaccharide Biosynthesis and Biofilm Formation. Applied and Environmental Microbiology, 2007, 73, 524-534.	3.2	63
36	Studies on the Involvement of the Exopolysaccharide Produced by Cystic Fibrosis-Associated Isolates of the Burkholderia cepacia Complex in Biofilm Formation and in Persistence of Respiratory Infections. Journal of Clinical Microbiology, 2004, 42, 3052-3058.	4.4	119

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37	Identification and physical organization of the gene cluster involved in the biosynthesis of Burkholderia cepacia complex exopolysaccharide. Biochemical and Biophysical Research Communications, 2003, 312, 323-333.	2.2	76
38	The nodulin vfENOD18 is an ATP-binding protein in infected cells of Vicia faba L. nodules. Plant Molecular Biology, 2001, 47, 749-759.	3.9	16
39	The Sinorhizobium meliloti ExpE1 protein secreted by a type I secretion system involving ExpD1 and ExpD2 is required for biosynthesis or secretion of the exopolysaccharide galactoglucan. Microbiology (United Kingdom), 2000, 146, 2237-2248.	1.7	22
40	Comparative genomic analysis of isolates belonging to the six species of the genus Thermus using pulsed-field gel electrophoresis and ribotyping. Archives of Microbiology, 1997, 168, 92-101.	2.2	11
41	Megaplasmids in Thermus oshimai isolates from two widely separated geographical areas: restriction fragment profiling and DNA homology. Archives of Microbiology, 1997, 168, 473-479.	2.2	2
42	The biosynthesis of the exopolysaccharide gellan results in the decrease of Sphingomonas paucimobilis tolerance to copper. Enzyme and Microbial Technology, 1997, 20, 510-515.	3.2	16
43	Plasmid RFLP profiling and DNA homology inThermus isolated from hot springs of different geographical areas. Archives of Microbiology, 1995, 164, 7-15.	2.2	6