Jorge H LeitÃ£o

List of Publications by Year
in descending order

87	2,242	236925 25	254184 43
papers	citations	h-index	g-index

90	90	90	2120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estrogens in wastewaters: Can different operating conditions improve their removal in anaerobic conditions?. Water and Environment Journal, 2022, 36, 399-411.	2.2	2
2	LipNanoCar Technology â€“ A Versatile and Scalable Technology for the Production of Lipid Nanoparticles. Advances in Experimental Medicine and Biology, 2022, 1357, 43-82.	1.6	2
3	Broad Spectrum Functional Activity of Structurally Related Monoanionic Au(III) Bis(Dithiolene) Complexes. International Journal of Molecular Sciences, 2022, 23, 7146.	4.1	5
4	Key Parameters on the Antibacterial Activity of Silver Camphor Complexes. Antibiotics, 2021, 10, 135.	3.7	7
5	Impact of UASB reactors operation mode on the removal of estrone and 17Î±-ethinylestradiol from wastewaters. Science of the Total Environment, 2021, 764, 144291.	8.0	5
6	Sono-Biosynthesis and Characterization of AuNPs from Danube Delta Nymphaea alba Root Extracts and Their Biological Properties. Nanomaterials, 2021, 11, 1562.	4.1	9
7	Immunization and Immunotherapy Approaches against Pseudomonas aeruginosa and Burkholderia cepacia Complex Infections. Vaccines, 2021, 9, 670.	4.4	15
8	Bacterial Nosocomial Infections: Multidrug Resistance as a Trigger for the Development of Novel Antimicrobials. Antibiotics, 2021, 10, 942.	3.7	8
9	Synthesis and Characterization of Camphorimine Au(I) Complexes with a Remarkably High Antibacterial Activity towards B. contaminans and P. aeruginosa. Antibiotics, 2021, 10, 1272.	3.7	3
10	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.	3.2	4
11	Bioelectricity generation using long-term operated biocathode: RFLP based microbial diversity analysis. Biotechnology Reports (Amsterdam, Netherlands), 2021, 32, e00693.	4.4	10
12	New insights into the immunoproteome of B. cenocepacia J2315 using serum samples from cystic fibrosis patients. New Biotechnology, 2020, 54, 62-70.	4.4	6
13	On the path to gold: Monoanionic Au bisdithiolate complexes with antimicrobial and antitumor activities. Journal of Inorganic Biochemistry, 2020, 202, 110904.	3.5	17
14	Antifungal, Antitumoral and Antioxidant Potential of the Danube Delta Nymphaea alba Extracts. Antibiotics, 2020, 9, 7.	3.7	22
15	Omics and Bioinformatics Approaches to Identify Novel Antigens for Vaccine Investigation and Development. Vaccines, 2020, 8, 653.	4.4	5
16	New Insights into Antibacterial Compounds: From Synthesis and Discovery to Molecular Mechanisms of Action. Antibiotics, 2020, 9, 471.	3.7	4
17	Microbial Virulence Factors. International Journal of Molecular Sciences, 2020, 21, 5320.	4.1	44
18	Listeria monocytogenes as a Vector for Cancer Immunotherapy. Vaccines, 2020, 8, 439.	4.4	5

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19	Characterization of the Burkholderia cenocepacia J2315 Surface-Exposed Immunoproteome. Vaccines, 2020, 8, 509.	4.4	10
20	Extracellular RNAs in Bacterial Infections: From Emerging Key Players on Host-Pathogen Interactions to Exploitable Biomarkers and Therapeutic Targets. International Journal of Molecular Sciences, 2020, 21, 9634.	4.1	14
21	Gold(<scp>iii</scp>) bis(dithiolene) complexes: from molecular conductors to prospective anticancer, antimicrobial and antiplasmodial agents. Metallomics, 2020, 12, 974-987.	2.4	23
22	Comparative Genomics and Evolutionary Analysis of RNA-Binding Proteins of Burkholderia cenocepacia J2315 and Other Members of the B. cepacia Complex. Genes, 2020, 11, 231.	2.4	7
23	Ag(I) camphor complexes: antimicrobial activity by design. Journal of Inorganic Biochemistry, 2019, 199, 110791.	3.5	16
24	Antimicrobial Activity of Silver Camphorimine Complexes against Candida Strains. Antibiotics, 2019, 8, 144.	3.7	16
25	Determination of estrone and 17Î±â€ethinylestradiol in digested sludge by ultrasonic liquid extraction and highâ€performance liquid chromatography with fluorescence detection. Journal of Separation Science, 2019, 42, 1585-1592.	2.5	12
26	Differential effects of Th17 cytokines during the response of neutrophils to Burkholderia cenocepacia outer membrane protein A. Central-European Journal of Immunology, 2019, 44, 403-413.	1.2	2
27	Investigations into the Structure/Antibacterial Activity Relationships of Cyclam and Cyclen Derivatives. Antibiotics, 2019, 8, 224.	3.7	9
28	Small Noncoding Regulatory RNAs from Pseudomonas aeruginosa and Burkholderia cepacia Complex. International Journal of Molecular Sciences, 2018, 19, 3759.	4.1	28
29	Silver Camphor Imine Complexes: Novel Antibacterial Compounds from Old Medicines. Antibiotics, 2018, 7, 65.	3.7	20
30	Postgenomic Approaches and Bioinformatics Tools to Advance the Development of Vaccines against Bacteria of the Burkholderia cepacia Complex. Vaccines, 2018, 6, 34.	4.4	8
31	Burkholderia puraquae sp. nov., a novel species of the Burkholderia cepacia complex isolated from hospital settings and agricultural soils. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 14-20.	1.7	66
32	Synthesis, antimicrobial activity and toxicity to nematodes of cyclam derivatives. International Journal of Antimicrobial Agents, 2017, 49, 646-649.	2.5	12
33	Variation ofBurkholderia cenocepaciavirulence potential during cystic fibrosis chronic lung infection. Virulence, 2017, 8, 782-796.	4.4	20
34	Burkholderia cepacia Complex Regulation of Virulence Gene Expression: A Review. Genes, 2017, 8, 43.	2.4	45
35	Ag(I) camphorimine complexes with antimicrobial activity towards clinically important bacteria and species of the Candida genus. PLoS ONE, 2017, 12, e0177355.	2.5	16
36	Bioinformatics Applications in Life Sciences and Technologies. BioMed Research International, 2016, 2016, 1-2.	1.9	7

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37	The Burkholderia cenocepacia OmpA-like protein BCAL2958: identification, characterization, and detection of anti-BCAL2958 antibodies in serum from B. cepacia complex-infected Cystic Fibrosis patients. AMB Express, 2016, 6, 41.	3.0	12
38	Antibacterial activity of silver camphorimine coordination polymers. Dalton Transactions, 2016, 45, 7114-7123.	3.3	37
39	Hfq: a multifaceted RNA chaperone involved in virulence. Future Microbiology, 2016, 11, 137-151.	2.0	32
40	Suitability of a Saccharomyces cerevisiae-based assay to assess the toxicity of pyrimethanil sprayed soils via surface runoff: Comparison with standard aquatic and soil toxicity assays. Science of the Total Environment, 2015, 505, 161-171.	8.0	21
41	Regulation of Hfq mRNA and Protein Levels in Escherichia coli and Pseudomonas aeruginosa by the Burkholderia cenocepacia MtvR sRNA. PLoS ONE, 2014, 9, e98813.	2.5	10
42	Bioinformatics: A Molecular Microbiologistâ€™s Perspective. Current Bioinformatics, 2014, 9, 8-17.	1.5	2
43	Effects of operational shocks on key microbial populations for biogas production in UASB (Upflow) Tj ETQq1 1 0.784314 rgBT /Overlo	8.8	21
44	MtvR Is a Global Small Noncoding Regulatory RNA in Burkholderia cenocepacia. Journal of Bacteriology, 2013, 195, 3514-3523.	2.2	2
45	Experimental identification of small non-coding regulatory RNAs in the opportunistic human pathogen Burkholderia cenocepacia J2315. Genomics, 2013, 101, 139-148.	2.9	10
46	Biochemical and Functional Studies on the Burkholderia cepacia Complex bceN Gene, Encoding a GDP-D-Mannose 4,6-Dehydratase. PLoS ONE, 2013, 8, e56902.	2.5	13
47	The Novel Cis-Encoded Small RNA h2cR Is a Negative Regulator of hfq2 in Burkholderia cenocepacia. PLoS ONE, 2012, 7, e47896.	2.5	15
48	Identification and exploitation of Burkholderia cepacia complex virulence factors as potential antimicrobial targets. , 2011, , .		0
49	The Second RNA Chaperone, Hfq2, Is Also Required for Survival under Stress and Full Virulence of Burkholderia cenocepacia J2315. Journal of Bacteriology, 2011, 193, 1515-1526.	2.2	29
50	A RNomics-based strategy identifies regulatory small RNAs in Burkholderia cepacia complex. , 2011, , .		0
51	Synergistic action of azoreductase and laccase leads to maximal decolourization and detoxification of model dye-containing wastewaters. Bioresource Technology, 2011, 102, 9852-9859.	9.6	68
52	Enhancing wastewater degradation and biogas production by intermittent operation of UASB reactors. Energy, 2011, 36, 2164-2168.	8.8	25
53	Microbial Ecology and Global Health. International Journal of Microbiology, 2011, 2011, 1-2.	2.3	1
54	Burkholderia cepaciaComplex: Emerging Multihost Pathogens Equipped with a Wide Range of Virulence Factors and Determinants. International Journal of Microbiology, 2011, 2011, 1-9.	2.3	96

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55	A new methodology combining PCR, cloning, and sequencing of clones discriminated by RFLP for the study of microbial populations: application to an UASB reactor sample. Applied Microbiology and Biotechnology, 2010, 85, 801-806.	3.6	8
56	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
57	The Burkholderia cenocepacia K56-2 pleiotropic regulator Pbr, is required for stress resistance and virulence. Microbial Pathogenesis, 2010, 48, 168-177.	2.9	12
58	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.	3.1	88
59	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.	1.8	56
60	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
61	Variation of the antimicrobial susceptibility profiles of Burkholderia cepacia complex clonal isolates obtained from chronically infected cystic fibrosis patients: a five-year survey in the major Portuguese treatment center. European Journal of Clinical Microbiology and Infectious Diseases, 2008, 27, 1101-1111.	2.9	71
62	Burkholderia cenocepacia J2315 acyl carrier protein: A potential target for antimicrobials' development?. Microbial Pathogenesis, 2008, 45, 331-336.	2.9	25
63	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.	2.1	27
64	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.	3.1	63
65	Virulence of Burkholderia cepacia complex strains in gp91phoxâ^'/â^' mice. Cellular Microbiology, 2007, 9, 2817-2825.	2.1	65
66	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.	3.9	117
67	Macromolecular and solution properties of Cepacian: the exopolysaccharide produced by a strain of Burkholderia cepacia isolated from a cystic fibrosis patient. Carbohydrate Research, 2003, 338, 1861-1867.	2.3	38
68	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.	2.1	76
69	Chromosomal organization and transcription analysis of genes in the vicinity of Pseudomonas aeruginosa glmM gene encoding phosphoglucosamine mutase. Biochemical and Biophysical Research Communications, 2003, 302, 363-371.	2.1	9
70	Molecular Analysis of Burkholderia cepacia Complex Isolates from a Portuguese Cystic Fibrosis Center: a 7-Year Study. Journal of Clinical Microbiology, 2003, 41, 4113-4120.	3.9	77
71	Identification of the Pseudomonas aeruginosa glmM Gene, Encoding Phosphoglucosamine Mutase. Journal of Bacteriology, 2000, 182, 4453-4457.	2.2	29
72	Structural Study of the Exopolysaccharide Produced by a Clinical Isolate of Burkholderia cepacia. Biochemical and Biophysical Research Communications, 2000, 273, 1088-1094.	2.1	75

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73	Enzymes Leading to the Nucleotide Sugar Precursors for Exopolysaccharide Synthesis in Burkholderia cepacia. Biochemical and Biophysical Research Communications, 2000, 276, 71-76.	2.1	25
74	Molecular Typing and Exopolysaccharide Biosynthesis of Burkholderia cepacia Isolates from a Portuguese Cystic Fibrosis Center. Journal of Clinical Microbiology, 2000, 38, 1651-1655.	3.9	62
75	Structures and Properties of Gellan Polymers Produced by Sphingomonas paucimobilis ATCC 31461 from Lactose Compared with Those Produced from Glucose and from Cheese Whey. Applied and Environmental Microbiology, 1999, 65, 2485-2491.	3.1	98
76	Pattern of changes in the activity of enzymes of GDP-D-mannuronic acid synthesis and in the level of transcription of algA, algC and algD genes accompanying the loss and emergence of mucoidy in Pseudomonas aeruginosa. Research in Microbiology, 1999, 150, 105-116.	2.1	13
77	Analysis of structure and function of gellans with different substitution patterns. Carbohydrate Polymers, 1998, 35, 179-188.	10.2	61
78	Effects of growth-inhibitory concentrations of copper on alginate biosynthesis in highly mucoid Pseudomonas aeruginosa. Microbiology (United Kingdom), 1997, 143, 481-488.	1.8	11
79	Oxygen-dependent upregulation of transcription of alginate genes algA, algC and algD in Pseudomonas aeruginosa. Research in Microbiology, 1997, 148, 37-43.	2.1	30
80	Ribotyping of Pseudomonas aeruginosa isolates from patients and water springs and genome fingerprinting of variants concerning mucoidy. FEMS Immunology and Medical Microbiology, 1996, 13, 287-292.	2.7	5
81	Growth-phase-dependent alginate synthesis, activity of biosynthetic enzymes and transcription of alginate genes in Pseudomonas aeruginosa. Archives of Microbiology, 1995, 163, 217-222.	2.2	9
82	Growth-phase-dependent alginate synthesis, activity of biosynthetic enzymes and transcription of alginate genes in. Archives of Microbiology, 1995, 163, 217.	2.2	6
83	Manipulation of Pseudomonas aeruginosa alginate pathway by varying the level of biosynthetic enzymes and growth temperature. Journal of Applied Bacteriology, 1993, 74, 452-459.	1.1	7
84	Oxygen-Dependent Alginate Synthesis and Enzymes in Pseudomonas Aeruginosa. Journal of General Microbiology, 1993, 139, 441-445.	2.3	21
85	Effects of growth temperature on alginate synthesis and enzymes inPseudomonas aeruginosavariants. Journal of General Microbiology, 1992, 138, 605-610.	2.3	35
86	Burkholderia cepacia Complex Infections Among Cystic Fibrosis Patients: Perspectives and Challenges. , 0, , .		6
87	Activated Sugar Precursors: Biosynthetic Pathways and Biological Roles of an Important Class of Intermediate Metabolites in Bacteria. , 0, , .		1