

Luis Caetano M Antunes

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,489
citations

279798

23
h-index

214800

47
g-index

52
all docs

52
docs citations

52
times ranked

9048
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbiota in Health and Disease. <i>Physiological Reviews</i> , 2010, 90, 859-904.	28.8	3,287
2	Quorum sensing in bacterial virulence. <i>Microbiology (United Kingdom)</i> , 2010, 156, 2271-2282.	1.8	443
3	Effect of Antibiotic Treatment on the Intestinal Metabolome. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1494-1503.	3.2	258
4	The Intestinal Microbiota Plays a Role in Salmonella-Induced Colitis Independent of Pathogen Colonization. <i>PLoS ONE</i> , 2011, 6, e20338.	2.5	157
5	<i>Vibrio parahaemolyticus</i> ScrC Modulates Cyclic Dimeric GMP Regulation of Gene Expression Relevant to Growth on Surfaces. <i>Journal of Bacteriology</i> , 2008, 190, 851-860.	2.2	115
6	Impact of <i>Salmonella</i> Infection on Host Hormone Metabolism Revealed by Metabolomics. <i>Infection and Immunity</i> , 2011, 79, 1759-1769.	2.2	104
7	<i>Mycobacterium leprae</i> intracellular survival relies on cholesterol accumulation in infected macrophages: a potential target for new drugs for leprosy treatment. <i>Cellular Microbiology</i> , 2014, 16, 797-815.	2.1	83
8	Transcriptome Analysis of the <i>Vibrio fischeri</i> LuxR-LuxI Regulon. <i>Journal of Bacteriology</i> , 2007, 189, 8387-8391.	2.2	80
9	Intercellular communication in bacteria. <i>Critical Reviews in Microbiology</i> , 2009, 35, 69-80.	6.1	74
10	Should the Human Microbiome Be Considered When Developing Vaccines?. <i>PLoS Pathogens</i> , 2010, 6, e1001190.	4.7	71
11	Output Targets and Transcriptional Regulation by a Cyclic Dimeric GMP-Responsive Circuit in the <i>Vibrio parahaemolyticus</i> Scr Network. <i>Journal of Bacteriology</i> , 2012, 194, 914-924.	2.2	65
12	A Mutational Analysis Defines <i>Vibrio fischeri</i> LuxR Binding Sites. <i>Journal of Bacteriology</i> , 2008, 190, 4392-4397.	2.2	62
13	Neutrophil Elastase Alters the Murine Gut Microbiota Resulting in Enhanced Salmonella Colonization. <i>PLoS ONE</i> , 2012, 7, e49646.	2.5	55
14	Metabolomics: towards understanding host-microbe interactions. <i>Future Microbiology</i> , 2010, 5, 153-161.	2.0	48
15	A comparative analysis of the effect of antibiotic treatment and enteric infection on intestinal homeostasis. <i>Gut Microbes</i> , 2011, 2, 105-108.	9.8	45
16	Antivirulence Activity of the Human Gut Metabolome. <i>MBio</i> , 2014, 5, e01183-14.	4.1	45
17	Metabolic Signatures of Triatomine Vectors of <i>Trypanosoma cruzi</i> Unveiled by Metabolomics. <i>PLoS ONE</i> , 2013, 8, e77283.	2.5	43
18	Metabonomics Reveals Drastic Changes in Anti-Inflammatory/Pro-Resolving Polyunsaturated Fatty Acids-Derived Lipid Mediators in Leprosy Disease. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2381.	3.0	41

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19	The Deubiquitinase Activity of the Salmonella Pathogenicity Island 2 Effector, SseL, Prevents Accumulation of Cellular Lipid Droplets. <i>Infection and Immunity</i> , 2011, 79, 4392-4400.	2.2	40
20	Inhibition of Salmonella Host Cell Invasion by Dimethyl Sulfide. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5300-5304.	3.1	38
21	15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J2 Inhibits Macrophage Colonization by Salmonella enterica Serovar Typhimurium. <i>PLoS ONE</i> , 2013, 8, e69759.	2.5	35
22	Metabolomics Reveals Phospholipids as Important Nutrient Sources during Salmonella Growth in Bile In Vitro and <i>In Vivo</i> . <i>Journal of Bacteriology</i> , 2011, 193, 4719-4725.	2.2	32
23	Repression of Salmonella Host Cell Invasion by Aromatic Small Molecules from the Human Fecal Metabolome. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	31
24	Small Molecules Produced by Commensal Staphylococcus epidermidis Disrupt Formation of Biofilms by Staphylococcus aureus. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	25
25	Bacteroides species produce Vibrio harveyi autoinducer 2-related molecules. <i>Anaerobe</i> , 2005, 11, 295-301.	2.1	20
26	Repression of Salmonella enterica <i>phoP</i> Expression by Small Molecules from Physiological Bile. <i>Journal of Bacteriology</i> , 2012, 194, 2286-2296.	2.2	19
27	Impact of violacein from Chromobacterium violaceum on the mammalian gut microbiome. <i>PLoS ONE</i> , 2018, 13, e0203748.	2.5	18
28	Metabolic profiles of multidrug resistant and extensively drug resistant Mycobacterium tuberculosis unveiled by metabolomics. <i>Tuberculosis</i> , 2021, 126, 102043.	1.9	15
29	Antimicrobial resistance of strains of the Bacteroides fragilis group isolated from the intestinal tract of children and adults in Brazil. <i>International Journal of Antimicrobial Agents</i> , 2001, 18, 129-134.	2.5	13
30	The role of two-component regulatory systems in environmental sensing and virulence in <i>Salmonella</i> . <i>Critical Reviews in Microbiology</i> , 2021, 47, 397-434.	6.1	13
31	Chemical signaling in the gastrointestinal tract. <i>F1000 Biology Reports</i> , 2011, 3, 4.	4.0	11
32	A Highly Effective Component Vaccine against Nontyphoidal Salmonella enterica Infections. <i>MBio</i> , 2015, 6, e01421-15.	4.1	11
33	The Gut Microbiome and Metabolome of Two Riparian Communities in the Amazon. <i>Frontiers in Microbiology</i> , 2019, 10, 2003.	3.5	10
34	Characterization of a SPM-1 metallo-beta-lactamase-producing Pseudomonas aeruginosa by comparative genomics and phenotypic analysis. <i>Scientific Reports</i> , 2020, 10, 13192.	3.3	9
35	Nutrient Deprivation Affects Salmonella Invasion and Its Interaction with the Gastrointestinal Microbiota. <i>PLoS ONE</i> , 2016, 11, e0159676.	2.5	9
36	Harvesting the biological potential of the human gut microbiome. <i>BioEssays</i> , 2011, 33, 414-418.	2.5	8

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37	Biofilms and bacterial virulence. Reviews in Medical Microbiology, 2011, 22, 12-16.	0.9	8
38	Enterohepatic bacterial infections dysregulate the FGF15-FGFR4 endocrine axis. BMC Microbiology, 2013, 13, 238.	3.3	8
39	Differential proteomic analysis of outer membrane enriched extracts of Bacteroides fragilis grown under bile salts stress. Anaerobe, 2016, 39, 84-90.	2.1	7
40	Integrated analysis of ethionamide resistance loci in Mycobacterium tuberculosis clinical isolates. Tuberculosis, 2018, 113, 163-174.	1.9	6
41	Cross-reactivity and immunotherapeutic potential of BamA recombinant protein from Acinetobacter baumannii. Microbes and Infection, 2021, 23, 104801.	1.9	6
42	Inferring early-life host and microbiome functions by mass spectrometry-based metaproteomics and metabolomics. Computational and Structural Biotechnology Journal, 2022, 20, 274-286.	4.1	5
43	Bioactive small molecules produced by the human gut microbiome modulate <i>Vibrio cholerae</i> sessile and planktonic lifestyles. Gut Microbes, 2021, 13, 1-19.	9.8	4
44	Detection of mycobacterial infection in non-human primates using the Xpert MTB/RIF molecular assay. Tuberculosis, 2017, 107, 59-62.	1.9	3
45	Bioactive Molecules of the Human Microbiome. , 2019, , 115-125.		3
46	Bacterial Fecal Microbiota in Healthy Subjects and Inpatients with <i>Clostridium difficile</i> Infection. Advances in Microbiology, 2017, 07, 10-21.	0.6	3
47	Reply to Kumari and Singh, "Antibiofilm Activity of Small Molecules Produced by Staphylococcus epidermidis against Staphylococcus aureus". Applied and Environmental Microbiology, 2020, 86, .	3.1	2
48	Antibiofilm activity of Cutibacterium acnes cell-free conditioned media against Staphylococcus spp.. Brazilian Journal of Microbiology, 2021, 52, 2373-2383.	2.0	1
49	Multidrug-resistant tuberculosis in Brazil: a snapshot from the National Reference Laboratory for Tuberculosis and other Mycobacterioses. Reviews in Medical Microbiology, 2017, 28, 164-166.	0.9	0
50	Advances in the Diagnosis of Mycobacterium tuberculosis Infection. , 2018, , 101-135.		0
51	Extraction of Small Molecules from Fecal Samples and Testing of Their Activity on Microbial Physiology. Bio-protocol, 2018, 8, e2808.	0.4	0