Luis Caetano M Antunes

List of Publications by Year
in descending order

51	5,489	279701	214721
papers	citations	23 h-index	47 g-index

52	52	52	9048
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gut Microbiota in Health and Disease. Physiological Reviews, 2010, 90, 859-904.	13.1	3,287
2	Quorum sensing in bacterial virulence. Microbiology (United Kingdom), 2010, 156, 2271-2282.	0.7	443
3	Effect of Antibiotic Treatment on the Intestinal Metabolome. Antimicrobial Agents and Chemotherapy, 2011, 55, 1494-1503.	1.4	258
4	The Intestinal Microbiota Plays a Role in Salmonella-Induced Colitis Independent of Pathogen Colonization. PLoS ONE, 2011, 6, e20338.	1.1	157
5	Vibrio parahaemolyticus ScrC Modulates Cyclic Dimeric GMP Regulation of Gene Expression Relevant to Growth on Surfaces. Journal of Bacteriology, 2008, 190, 851-860.	1.0	115
6	Impact of Salmonella Infection on Host Hormone Metabolism Revealed by Metabolomics. Infection and Immunity, 2011, 79, 1759-1769.	1.0	104
7	<scp>M</scp>ycobacterium lepraeintracellular survival relies on cholesterol accumulation in infected macrophages: a potential target for new drugs for leprosy treatment. Cellular Microbiology, 2014, 16, 797-815.	1.1	83
8	Transcriptome Analysis of the Vibrio fischeri LuxR-LuxI Regulon. Journal of Bacteriology, 2007, 189, 8387-8391.	1.0	80
9	Intercellular communication in bacteria. Critical Reviews in Microbiology, 2009, 35, 69-80.	2.7	74
10	Should the Human Microbiome Be Considered When Developing Vaccines?. PLoS Pathogens, 2010, 6, e1001190.	2.1	71
11	Output Targets and Transcriptional Regulation by a Cyclic Dimeric GMP-Responsive Circuit in the Vibrio parahaemolyticus Scr Network. Journal of Bacteriology, 2012, 194, 914-924.	1.0	65
12	A Mutational Analysis Defines Vibrio fischeri LuxR Binding Sites. Journal of Bacteriology, 2008, 190, 4392-4397.	1.0	62
13	Neutrophil Elastase Alters the Murine Gut Microbiota Resulting in Enhanced Salmonella Colonization. PLoS ONE, 2012, 7, e49646.	1.1	55
14	Metabolomics: towards understanding hostâ€“microbe interactions. Future Microbiology, 2010, 5, 153-161.	1.0	48
15	A comparative analysis of the effect of antibiotic treatment and enteric infection on intestinal homeostasis. Gut Microbes, 2011, 2, 105-108.	4.3	45
16	Antivirulence Activity of the Human Gut Metabolome. MBio, 2014, 5, e01183-14.	1.8	45
17	Metabolic Signatures of Triatomine Vectors of Trypanosoma cruzi Unveiled by Metabolomics. PLoS ONE, 2013, 8, e77283.	1.1	43
18	Metabonomics Reveals Drastic Changes in Anti-Inflammatory/Pro-Resolving Polyunsaturated Fatty Acids-Derived Lipid Mediators in Leprosy Disease. PLoS Neglected Tropical Diseases, 2013, 7, e2381.	1.3	41

#	Article	IF	Citations
19	The Deubiquitinase Activity of the Salmonella Pathogenicity Island 2 Effector, SseL, Prevents Accumulation of Cellular Lipid Droplets. Infection and Immunity, 2011, 79, 4392-4400.	1.0	40
20	Inhibition of Salmonella Host Cell Invasion by Dimethyl Sulfide. Applied and Environmental Microbiology, 2010, 76, 5300-5304.	1.4	38
21	15-Deoxy-Î”12,14-Prostaglandin J2 Inhibits Macrophage Colonization by Salmonella enterica Serovar Typhimurium. PLoS ONE, 2013, 8, e69759.	1.1	35
22	Metabolomics Reveals Phospholipids as Important Nutrient Sources during Salmonella Growth in Bile In Vitro and In Vivo. Journal of Bacteriology, 2011, 193, 4719-4725.	1.0	32
23	Repression of Salmonella Host Cell Invasion by Aromatic Small Molecules from the Human Fecal Metabolome. Applied and Environmental Microbiology, 2017, 83, .	1.4	31
24	Small Molecules Produced by Commensal Staphylococcus epidermidis Disrupt Formation of Biofilms by Staphylococcus aureus. Applied and Environmental Microbiology, 2020, 86, .	1.4	25
25	Bacteroides species produce Vibrio harveyi autoinducer 2-related molecules. Anaerobe, 2005, 11, 295-301.	1.0	20
26	Repression of Salmonella enterica phoP Expression by Small Molecules from Physiological Bile. Journal of Bacteriology, 2012, 194, 2286-2296.	1.0	19
27	Impact of violacein from Chromobacterium violaceum on the mammalian gut microbiome. PLoS ONE, 2018, 13, e0203748.	1.1	18
28	Metabolic profiles of multidrug resistant and extensively drug resistant Mycobacterium tuberculosis unveiled by metabolomics. Tuberculosis, 2021, 126, 102043.	0.8	15
29	Antimicrobial resistance of strains of the Bacteroides fragilis group isolated from the intestinal tract of children and adults in Brazil. International Journal of Antimicrobial Agents, 2001, 18, 129-134.	1.1	13
30	The role of two-component regulatory systems in environmental sensing and virulence inSalmonella. Critical Reviews in Microbiology, 2021, 47, 397-434.	2.7	13
31	Chemical signaling in the gastrointestinal tract. F1000 Biology Reports, 2011, 3, 4.	4.0	11
32	A Highly Effective Component Vaccine against Nontyphoidal Salmonella enterica Infections. MBio, 2015, 6, e01421-15.	1.8	11
33	The Gut Microbiome and Metabolome of Two Riparian Communities in the Amazon. Frontiers in Microbiology, 2019, 10, 2003.	1.5	10
34	Characterization of a SPM-1 metallo-beta-lactamase-producing Pseudomonas aeruginosa by comparative genomics and phenotypic analysis. Scientific Reports, 2020, 10, 13192.	1.6	9
35	Nutrient Deprivation Affects Salmonella Invasion and Its Interaction with the Gastrointestinal Microbiota. PLoS ONE, 2016, 11, e0159676.	1.1	9
36	Harvesting the biological potential of the human gut microbiome. BioEssays, 2011, 33, 414-418.	1.2	8

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37	Biofilms and bacterial virulence. Reviews in Medical Microbiology, 2011, 22, 12-16.	0.4	8
38	Enterohepatic bacterial infections dysregulate the FGF15-FGFR4 endocrine axis. BMC Microbiology, 2013, 13, 238.	1.3	8
39	Differential proteomic analysis of outer membrane enriched extracts of Bacteroides fragilis grown under bile salts stress. Anaerobe, 2016, 39, 84-90.	1.0	7
40	Integrated analysis of ethionamide resistance loci in Mycobacterium tuberculosis clinical isolates. Tuberculosis, 2018, 113, 163-174.	0.8	6
41	Cross-reactivity and immunotherapeutic potential of BamA recombinant protein from Acinetobacter baumannii. Microbes and Infection, 2021, 23, 104801.	1.0	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.	1.9	5
43	Bioactive small molecules produced by the human gut microbiome modulate Vibrio cholerae sessile and planktonic lifestyles. Gut Microbes, 2021, 13, 1-19.	4.3	4
44	Detection of mycobacterial infection in non-human primates using the Xpert MTB/RIF molecular assay. Tuberculosis, 2017, 107, 59-62.	0.8	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.	0.3	3
47	Reply to Kumari and Singh, â€œAntibiofilm Activity of Small Molecules Produced by Staphylococcus epidermidis against Staphylococcus aureusâ€• Applied and Environmental Microbiology, 2020, 86, .	1.4	2
48	Antibiofilm activity of Cutibacterium acnes cell-free conditioned media against Staphylococcus spp.. Brazilian Journal of Microbiology, 2021, 52, 2373-2383.	0.8	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.	0.4	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.	0.2	0