

Luis G C Pacheco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8378059/publications.pdf>

Version: 2024-02-01

61
papers

1,608
citations

394286

19
h-index

315616

38
g-index

63
all docs

63
docs citations

63
times ranked

1775
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Corynebacterium pseudotuberculosis</i> : microbiology, biochemical properties, pathogenesis and molecular studies of virulence. <i>Veterinary Research</i> , 2006, 37, 201-218.	1.1	308
2	Multiplex PCR assay for identification of <i>Corynebacterium pseudotuberculosis</i> from pure cultures and for rapid detection of this pathogen in clinical samples. <i>Journal of Medical Microbiology</i> , 2007, 56, 480-486.	0.7	125
3	Bacterial reference genes for gene expression studies by RT-qPCR: survey and analysis. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 685-693.	0.7	121
4	Recurrent COVID-19 including evidence of reinfection and enhanced severity in thirty Brazilian healthcare workers. <i>Journal of Infection</i> , 2021, 82, 399-406.	1.7	106
5	Evidence for Reductive Genome Evolution and Lateral Acquisition of Virulence Functions in Two <i>Corynebacterium pseudotuberculosis</i> Strains. <i>PLoS ONE</i> , 2011, 6, e18551.	1.1	75
6	High seroprevalence of caseous lymphadenitis in Brazilian goat herds revealed by <i>Corynebacterium pseudotuberculosis</i> secreted proteins-based ELISA. <i>Research in Veterinary Science</i> , 2010, 88, 50-55.	0.9	71
7	A combined approach for comparative exoproteome analysis of <i>Corynebacterium pseudotuberculosis</i> . <i>BMC Microbiology</i> , 2011, 11, 12.	1.3	52
8	Antigens of <i>Corynebacterium pseudotuberculosis</i> and prospects for vaccine development. <i>Expert Review of Vaccines</i> , 2009, 8, 205-213.	2.0	48
9	SARS-CoV-2 RNA Detection by a Cellphone-Based Amplification-Free System with CRISPR/CAS-Dependent Enzymatic (CASCADE) Assay. <i>Advanced Materials Technologies</i> , 2021, 6, 2100602.	3.0	44
10	First detection of <i>Corynebacterium ulcerans</i> producing a diphtheria-like toxin in a case of human with pulmonary infection in the Rio de Janeiro metropolitan area, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 396-400.	0.8	42
11	<i>Corynebacterium ulcerans</i> Isolated from an Asymptomatic Dog Kept in an Animal Shelter in the Metropolitan Area of Rio de Janeiro, Brazil. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 743-748.	0.6	35
12	Detecting pathogens with Zinc-Finger, TALE and CRISPR- based programmable nucleic acid binding proteins. <i>Journal of Microbiological Methods</i> , 2018, 152, 98-104.	0.7	35
13	Multiplex polymerase chain reaction to identify and determine the toxigenicity of <i>Corynebacterium</i> spp with zoonotic potential and an overview of human and animal infections. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 272-279.	0.8	33
14	Oral administration of a live Aro attenuated <i>Salmonella</i> vaccine strain expressing 14-kDa <i>Schistosoma mansoni</i> fatty acid-binding protein induced partial protection against experimental schistosomiasis. <i>Acta Tropica</i> , 2005, 95, 132-142.	0.9	26
15	The somatic proteins of <i>Toxocara canis</i> larvae and excretory-secretory products revealed by proteomics. <i>Veterinary Parasitology</i> , 2018, 259, 25-34.	0.7	24
16	Multilocus sequence types of invasive <i>Corynebacterium diphtheriae</i> isolated in the Rio de Janeiro urban area, Brazil. <i>Epidemiology and Infection</i> , 2012, 140, 617-620.	1.0	23
17	Recombinant proteins of helminths with immunoregulatory properties and their possible therapeutic use. <i>Acta Tropica</i> , 2017, 166, 202-211.	0.9	23
18	A description of genes of <i>Corynebacterium pseudotuberculosis</i> useful in diagnostics and vaccine applications. <i>Genetics and Molecular Research</i> , 2008, 7, 252-260.	0.3	23

#	ARTICLE	IF	CITATIONS
19	Mobile Health (mHealth) Viral Diagnostics Enabled with Adaptive Adversarial Learning. ACS Nano, 2021, 15, 665-673.	7.3	21
20	First genome sequencing of SARS-CoV-2 recovered from an infected cat and its owner in Latin America. Transboundary and Emerging Diseases, 2021, 68, 3070-3074.	1.3	21
21	A Role for Sigma Factor σ^E in Corynebacterium pseudotuberculosis Resistance to Nitric Oxide/Peroxide Stress. Frontiers in Microbiology, 2012, 3, 126.	1.5	19
22	Identification of 11 new exoproteins in Corynebacterium pseudotuberculosis by a comparative analysis of the exoproteome. Microbial Pathogenesis, 2013, 61-62, 37-42.	1.3	19
23	Reference genes for RT-qPCR studies in Corynebacterium pseudotuberculosis identified through analysis of RNA-seq data. Antonie Van Leeuwenhoek, 2014, 106, 605-614.	0.7	19
24	In Vivo Insertional Mutagenesis in Corynebacterium pseudotuberculosis: an Efficient Means To Identify DNA Sequences Encoding Exported Proteins. Applied and Environmental Microbiology, 2006, 72, 7368-7372.	1.4	18
25	Searching whole genome sequences for biochemical identification features of emerging and reemerging pathogenic Corynebacterium species. Functional and Integrative Genomics, 2018, 18, 593-610.	1.4	18
26	Survey of genome organization and gene content of Corynebacterium pseudotuberculosis. Microbiological Research, 2010, 165, 312-320.	2.5	17
27	Differential Exoproteome Analysis of Two Corynebacterium pseudotuberculosis Biovar Ovis Strains Isolated from Goat (1002) and Sheep (C231). Current Microbiology, 2013, 67, 460-465.	1.0	15
28	De novo assembly and characterization of the Trichuris trichiura adult worm transcriptome using Ion Torrent sequencing. Acta Tropica, 2016, 159, 132-141.	0.9	14
29	Proteomic Analysis Reveals Allergen Variability among Breeds of the Dust Mite <i>Blomia tropicalis</i> . International Archives of Allergy and Immunology, 2019, 180, 159-172.	0.9	14
30	The COVID-19 Diagnostic Technology Landscape: Efficient Data Sharing Drives Diagnostic Development. Frontiers in Public Health, 2020, 8, 309.	1.3	14
31	Genome sequence of a multidrug-resistant Corynebacterium striatum isolated from bloodstream infection from a nosocomial outbreak in Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e180051.	0.8	13
32	Gene Expression Analysis in Bacteria by RT-qPCR. Methods in Molecular Biology, 2020, 2065, 119-137.	0.4	13
33	A hybrid of two major Blomia tropicalis allergens as an allergy vaccine candidate. Clinical and Experimental Allergy, 2020, 50, 835-847.	1.4	12
34	En route to personalized medicine: uncovering distinct IgE reactivity pattern to house dust mite components in Brazilian and Austrian allergic patients. Clinical and Translational Allergy, 2021, 11, e12004.	1.4	12
35	Ion-based transcriptional assessment of a Corynebacterium pseudotuberculosis equi strain reveals denaturing high-performance liquid chromatography a promising rRNA depletion method. Microbial Biotechnology, 2013, 6, 168-177.	2.0	11
36	Ion torrent-based nasopharyngeal swab metatranscriptomics in COVID-19. Journal of Virological Methods, 2020, 282, 113888.	1.0	11

#	ARTICLE	IF	CITATIONS
37	Whole-Genome Sequence of <i>Corynebacterium pseudotuberculosis</i> Strain Cp162, Isolated from Camel. <i>Journal of Bacteriology</i> , 2012, 194, 5718-5719.	1.0	10
38	Draft Genome Sequence of <i>Corynebacterium striatum</i> 1961 BR-RJ/09, a Multidrug-Susceptible Strain Isolated from the Urine of a Hospitalized 37-Year-Old Female Patient. <i>Genome Announcements</i> , 2015, 3, .	0.8	8
39	Efficient differentiation of <i>Corynebacterium striatum</i> , <i>Corynebacterium amycolatum</i> and <i>Corynebacterium xerosis</i> clinical isolates by multiplex PCR using novel species-specific primers. <i>Journal of Microbiological Methods</i> , 2017, 142, 33-35.	0.7	8
40	Antimicrobial Susceptibility and Characterization of Resistance Mechanisms of <i>Corynebacterium urealyticum</i> Clinical Isolates. <i>Antibiotics</i> , 2020, 9, 404.	1.5	8
41	Immunogenicity and protection induced by recombinant <i>Toxocara canis</i> proteins in a murine model of toxocariasis. <i>Vaccine</i> , 2020, 38, 4762-4772.	1.7	8
42	Update of microbial genome programs for bacteria and archaea. <i>Genetics and Molecular Research</i> , 2004, 3, 421-31.	0.3	8
43	<i>Dermatophagoides</i>spp. hypoallergens design: what has been achieved so far?. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 163-177.	2.4	7
44	Oral immunization with <i>Salmonella</i> harboring a Sm14-based DNA vaccine does not protect mice against <i>Schistosoma mansoni</i> infection. <i>Parasitology International</i> , 2008, 57, 506-508.	0.6	5
45	Whole-genome sequencing reveals misidentification of a multidrug-resistant urine clinical isolate as <i>Corynebacterium urealyticum</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 16-19.	0.9	5
46	High-Quality Resolution of the Outbreak-Related Zika Virus Genome and Discovery of New Viruses Using Ion Torrent-Based Metatranscriptomics. <i>Viruses</i> , 2020, 12, 782.	1.5	5
47	Similarity of <i>rpoB</i> gene sequences of sucrose-fermenting and non-fermenting <i>Corynebacterium diphtheriae</i> strains. <i>Antonie Van Leeuwenhoek</i> , 2011, 99, 733-737.	0.7	4
48	Advances in patent applications related to allergen immunotherapy. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 657-668.	2.4	4
49	<i>Corynebacterium phoceense</i> " a rare <i>Corynebacterium</i> species isolated from a urine sample. <i>Access Microbiology</i> , 2020, 3, 000197.	0.2	4
50	Draft Genome Sequences of Two Species of "Difficult-to-Identify" Human-Pathogenic <i>Corynebacteria</i> : Implications for Better Identification Tests. <i>Journal of Genomics</i> , 2015, 3, 82-84.	0.6	3
51	Immunomodulatory properties of <i>Schistosoma mansoni</i> proteins Sm200 and SmKI-1 in vitro and in a murine model of allergy to the mite <i>Blomia tropicalis</i> . <i>Molecular Immunology</i> , 2020, 124, 91-99.	1.0	3
52	Purification and characterisation of the dimeric group 12 allergen from <i>Blomia tropicalis</i> heterologously expressed by <i>Escherichia coli</i> Top10F'. <i>Molecular Biology Reports</i> , 2021, 48, 3405-3416.	1.0	3
53	In vivo cleavage of solubility tags as a tool to enhance the levels of soluble recombinant proteins in <i>Escherichia coli</i>. <i>Biotechnology and Bioengineering</i> , 2021, 118, 4159-4167.	1.7	3
54	ExpressÃo Diferencial de Reguladores Transcricionais da BactÃria <i>Corynebacterium pseudotuberculosis</i> Durante Contato com Fatores do Hospedeiro. <i>DiÃlogos & CiÃncia</i> , 2013, 11, 35-38.	0.1	3

#	ARTICLE	IF	CITATIONS
55	Protective response mediated by immunization with recombinant proteins in a murine model of toxocariasis and canine infection by <i>Toxocara canis</i> . <i>Vaccine</i> , 2022, 40, 912-923.	1.7	3
56	Identification of <i>Glycycometus malaysiensis</i> (for the first time in Brazil), <i>Blomia tropicalis</i> and <i>Dermatophagoides pteronyssinus</i> through multiplex PCR. <i>Experimental and Applied Acarology</i> , 2022, 86, 385-406.	0.7	3
57	Short Communication Plasticity of <i>Corynebacterium diphtheriae</i> pathogenicity islands revealed by PCR. <i>Genetics and Molecular Research</i> , 2011, 10, 1290-1294.	0.3	2
58	Single-Input Regulatory Cascade for in vivo Removal of the Solubility Tag in Fusion Recombinant Proteins Produced by <i>Escherichia coli</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 200.	2.0	2
59	Genome-wide identification of miRNAs and target regulatory network in the invasive ectoparasitic mite <i>Varroa destructor</i> . <i>Genomics</i> , 2021, 113, 2290-2303.	1.3	2
60	Rationally designed hypoallergenic mutant variants of the house dust mite allergen Der p 21. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130096.	1.1	1
61	Proteomics and immunoblotting analyses reveal antigens that optimize the immunodiagnosis of the infection by <i>Toxocara</i> spp.. <i>Transboundary and Emerging Diseases</i> , 0, , .	1.3	1