

# Luis G V Fernandes

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

640  
citations

567281

15  
h-index

610901

24  
g-index

38  
all docs

38  
docs citations

38  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Some like it hot, some like it cold; proteome comparison of <i>Leptospira borgpetersenii</i> serovar Hardjo strains propagated at different temperatures. <i>Journal of Proteomics</i> , 2022, 262, 104602.	2.4	3
2	Diverse lineages of pathogenic <i>Leptospira</i> species are widespread in the environment in Puerto Rico, USA. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0009959.	3.0	10
3	Distinct transcriptional profiles of <i>Leptospira borgpetersenii</i> serovar Hardjo strains JB197 and HB203 cultured at different temperatures. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009320.	3.0	11
4	Application of CRISPR Interference (CRISPRi) for Gene Silencing in Pathogenic Species of <i>Leptospira</i> . <i>Journal of Visualized Experiments</i> , 2021, .	0.3	4
5	Genetic manipulation of pathogenic <i>Leptospira</i> : CRISPR interference (CRISPRi)-mediated gene silencing and rapid mutant recovery at 37°C. <i>Scientific Reports</i> , 2021, 11, 1768.	3.3	27
6	A Review on Host- <i>Leptospira</i> Interactions: What We Know and Future Expectations. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 777709.	3.9	15
7	Circulating Foamy Macrophages in the Golden Syrian Hamster ( <i>Mesocricetus auratus</i> ) Model of Leptospirosis. <i>Journal of Comparative Pathology</i> , 2021, 189, 98-109.	0.4	5
8	Evaluation of LipL32 and LigA/LigB Knockdown Mutants in <i>Leptospira interrogans</i> Serovar Copenhageni: Impacts to Proteome and Virulence. <i>Frontiers in Microbiology</i> , 2021, 12, 799012.	3.5	13
9	Immunoprotective Activity Induced by Leptospiral Outer Membrane Proteins in Hamster Model of Acute Leptospirosis. <i>Frontiers in Immunology</i> , 2020, 11, 568694.	4.8	7
10	Heterologous Expression of the Pathogen-Specific LIC11711 Gene in the Saprophyte <i>L. biflexa</i> Increases Bacterial Binding to Laminin and Plasminogen. <i>Pathogens</i> , 2020, 9, 599.	2.8	2
11	In Silico Structural and Functional Characterization of HtrA Proteins of <i>Leptospira</i> spp.: Possible Implications in Pathogenesis. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 179.	2.3	2
12	Medical applications of clustered regularly interspaced short palindromic repeats (CRISPR/Cas) tool: A comprehensive overview. <i>Gene</i> , 2020, 745, 144636.	2.2	17
13	Specific Gene Silencing in <i>Leptospira biflexa</i> by RNA-Guided Catalytically Inactive Cas9 (dCas9). <i>Methods in Molecular Biology</i> , 2020, 2134, 109-122.	0.9	2
14	A Modified ELISA Method to Evaluate the Interaction of <i>Schistosoma mansoni</i> Proteins with Plasminogen. <i>Methods in Molecular Biology</i> , 2020, 2151, 185-195.	0.9	0
15	The interaction of two novel putative proteins of <i>Leptospira interrogans</i> with E-cadherin, plasminogen and complement components with potential role in bacterial infection. <i>Virulence</i> , 2019, 10, 734-753.	4.4	27
16	Adjuvanted leptospiral vaccines: Challenges and future development of new leptospirosis vaccines. <i>Vaccine</i> , 2019, 37, 3961-3973.	3.8	14
17	Gene silencing based on RNA-guided catalytically inactive Cas9 (dCas9): a new tool for genetic engineering in <i>Leptospira</i> . <i>Scientific Reports</i> , 2019, 9, 1839.	3.3	32
18	<i>Schistosoma mansoni</i> venom allergen-like protein 18 (SmVAL18) is a plasminogen-binding protein secreted during the early stages of mammalian-host infection. <i>Molecular and Biochemical Parasitology</i> , 2018, 221, 23-31.	1.1	8

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19	Proteomics as a tool to understand <i>Leptospira</i> physiology and virulence: Recent advances, challenges and clinical implications. <i>Journal of Proteomics</i> , 2018, 180, 80-87.	2.4	4
20	Binding of human plasminogen by the lipoprotein LipL46 of <i>Leptospira interrogans</i> . <i>Molecular and Cellular Probes</i> , 2018, 37, 12-21.	2.1	18
21	Evaluation of Lsa46 and Lsa77 <i>Leptospiral</i> Proteins for Their Immunoprotective Activities in Hamster Model of Leptospirosis. <i>BioMed Research International</i> , 2018, 2018, 1-13.	1.9	9
22	Immune response and protective profile elicited by a multi-epitope chimeric protein derived from <i>Leptospira interrogans</i> . <i>International Journal of Infectious Diseases</i> , 2017, 57, 61-69.	3.3	27
23	Genome-Wide Transcriptional Start Site Mapping and sRNA Identification in the Pathogen <i>Leptospira interrogans</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 10.	3.9	45
24	Multifunctional and Redundant Roles of <i>Leptospira interrogans</i> Proteins in Bacterial-Adhesion and fibrin clotting inhibition. <i>International Journal of Medical Microbiology</i> , 2017, 307, 297-310.	3.6	19
25	The recombinant LIC10508 is a plasma fibronectin, plasminogen, fibrinogen and C4BP- binding protein of <i>Leptospira interrogans</i> . <i>Pathogens and Disease</i> , 2016, 74, ftv118.	2.0	11
26	Evaluation of two novel leptospiral proteins for their interaction with human host components. <i>Pathogens and Disease</i> , 2016, 74, ftw040.	2.0	19
27	<i>Leptospira</i> spp.: Novel insights into host-pathogen interactions. <i>Veterinary Immunology and Immunopathology</i> , 2016, 176, 50-57.	1.2	34
28	Decrease in antithrombin III and prothrombin serum levels contribute to coagulation disorders during leptospirosis. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1407-1421.	1.8	5
29	Novel <i>Leptospira interrogans</i> protein Lsa32 is expressed during infection and binds laminin and plasminogen. <i>Microbiology (United Kingdom)</i> , 2015, 161, 851-864.	1.8	23
30	<i>Leptospira interrogans</i> reduces fibrin clot formation by modulating human thrombin activity via exosite I. <i>Pathogens and Disease</i> , 2015, 73, .	2.0	23
31	Functional and immunological evaluation of two novel proteins of <i>Leptospira</i> spp.. <i>Microbiology (United Kingdom)</i> , 2014, 160, 149-164.	1.8	25
32	<i>Leptospiral</i> extracellular matrix adhesins as mediators of pathogen-host interactions. <i>FEMS Microbiology Letters</i> , 2014, 352, 129-139.	1.8	66
33	Adhesins of <i>Leptospira interrogans</i> Mediate the Interaction to Fibrinogen and Inhibit Fibrin Clot Formation In Vitro. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2396.	3.0	37
34	CARACTERIZAÇÃO FÍSICO-QUÍMICA E SENSORIAL DE GELEIAS DE GOIABA PREPARADAS COM AÇÚCAR MASCADO. <i>Revista Brasileira De Produtos Agroindustriais</i> , 2013, 15, 167-172.	0.0	0
35	OmpL1 Is an Extracellular Matrix- and Plasminogen-Interacting Protein of <i>Leptospira</i> spp. <i>Infection and Immunity</i> , 2012, 80, 3679-3692.	2.2	76