Luis G V Fernandes

List of Publications by Year
in descending order

35	640	567281	610901
papers	citations	15 h-index	24 g-index

38	38	38	447
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	OmpL1 Is an Extracellular Matrix- and Plasminogen-Interacting Protein of Leptospira spp. Infection and Immunity, 2012, 80, 3679-3692.	2.2	76
2	Leptospiral extracellular matrix adhesins as mediators of pathogen-host interactions. FEMS Microbiology Letters, 2014, 352, 129-139.	1.8	66
3	Genome-Wide Transcriptional Start Site Mapping and sRNA Identification in the Pathogen Leptospira interrogans. Frontiers in Cellular and Infection Microbiology, 2017, 7, 10.	3.9	45
4	Adhesins of Leptospira interrogans Mediate the Interaction to Fibrinogen and Inhibit Fibrin Clot Formation In Vitro. PLoS Neglected Tropical Diseases, 2013, 7, e2396.	3.0	37
5	Leptospira spp.: Novel insights into hostâ€“pathogen interactions. Veterinary Immunology and Immunopathology, 2016, 176, 50-57.	1.2	34
6	Gene silencing based on RNA-guided catalytically inactive Cas9 (dCas9): a new tool for genetic engineering in Leptospira. Scientific Reports, 2019, 9, 1839.	3.3	32
7	Immune response and protective profile elicited by a multi-epitope chimeric protein derived from Leptospira interrogans. International Journal of Infectious Diseases, 2017, 57, 61-69.	3.3	27
8	The interaction of two novel putative proteins of Leptospira interrogans with E-cadherin, plasminogen and complement components with potential role in bacterial infection. Virulence, 2019, 10, 734-753.	4.4	27
9	Genetic manipulation of pathogenic Leptospira: CRISPR interference (CRISPRi)-mediated gene silencing and rapid mutant recovery at 37ÂÂ°C. Scientific Reports, 2021, 11, 1768.	3.3	27
10	Functional and immunological evaluation of two novel proteins of Leptospira spp.. Microbiology (United Kingdom), 2014, 160, 149-164.	1.8	25
11	Novel Leptospira interrogans protein Lsa32 is expressed during infection and binds laminin and plasminogen. Microbiology (United Kingdom), 2015, 161, 851-864.	1.8	23
12	Leptospira interrogans reduces fibrin clot formation by modulating human thrombin activity via exosite I. Pathogens and Disease, 2015, 73, .	2.0	23
13	Evaluation of two novel leptospiral proteins for their interaction with human host components. Pathogens and Disease, 2016, 74, ftw040.	2.0	19
14	Multifunctional and Redundant Roles of Leptospira interrogans Proteins in Bacterial-Adhesion and fibrin clotting inhibition. International Journal of Medical Microbiology, 2017, 307, 297-310.	3.6	19
15	Binding of human plasminogen by the lipoprotein LipL46 of Leptospira interrogans. Molecular and Cellular Probes, 2018, 37, 12-21.	2.1	18
16	Medical applications of clustered regularly interspaced short palindromic repeats (CRISPR/Cas) tool: A comprehensive overview. Gene, 2020, 745, 144636.	2.2	17
17	A Review on Host-Leptospira Interactions: What We Know and Future Expectations. Frontiers in Cellular and Infection Microbiology, 2021, 11, 777709.	3.9	15
18	Adjuvanted leptospiral vaccines: Challenges and future development of new leptospirosis vaccines. Vaccine, 2019, 37, 3961-3973.	3.8	14

#	Article	IF	Citations
19	Evaluation of LipL32 and LigA/LigB Knockdown Mutants in Leptospira interrogans Serovar Copenhageni: Impacts to Proteome and Virulence. Frontiers in Microbiology, 2021, 12, 799012.	3.5	13
20	The recombinant LIC10508 is a plasma fibronectin, plasminogen, fibrinogen and C4BP- binding protein ofLeptospira interrogans. Pathogens and Disease, 2016, 74, ftv118.	2.0	11
21	Distinct transcriptional profiles of Leptospira borgpetersenii serovar Hardjo strains JB197 and HB203 cultured at different temperatures. PLoS Neglected Tropical Diseases, 2021, 15, e0009320.	3.0	11
22	Diverse lineages of pathogenic Leptospira species are widespread in the environment in Puerto Rico, USA. PLoS Neglected Tropical Diseases, 2022, 16, e0009959.	3.0	10
23	Evaluation of Lsa46 and Lsa77 Leptospiral Proteins for Their Immunoprotective Activities in Hamster Model of Leptospirosis. BioMed Research International, 2018, 2018, 1-13.	1.9	9
24	Schistosoma mansoni venom allergen-like protein 18 (SmVAL18) is a plasminogen-binding protein secreted during the early stages of mammalian-host infection. Molecular and Biochemical Parasitology, 2018, 221, 23-31.	1.1	8
25	Immunoprotective Activity Induced by Leptospiral Outer Membrane Proteins in Hamster Model of Acute Leptospirosis. Frontiers in Immunology, 2020, 11, 568694.	4.8	7
26	Decrease in antithrombin III and prothrombin serum levels contribute to coagulation disorders during leptospirosis. Microbiology (United Kingdom), 2016, 162, 1407-1421.	1.8	5
27	Circulating Foamy Macrophages in the Golden Syrian Hamster (Mesocricetus auratus) Model of Leptospirosis. Journal of Comparative Pathology, 2021, 189, 98-109.	0.4	5
28	Proteomics as a tool to understand Leptospira physiology and virulence: Recent advances, challenges and clinical implications. Journal of Proteomics, 2018, 180, 80-87.	2.4	4
29	Application of CRISPR Interference (CRISPRi) for Gene Silencing in Pathogenic Species of Leptospira. Journal of Visualized Experiments, 2021, , .	0.3	4
30	Some like it hot, some like it cold; proteome comparison of Leptospira borgpetersenii serovar Hardjo strains propagated at different temperatures. Journal of Proteomics, 2022, 262, 104602.	2.4	3
31	Heterologous Expression of the Pathogen-Specific LIC11711 Gene in the Saprophyte L. biflexa Increases Bacterial Binding to Laminin and Plasminogen. Pathogens, 2020, 9, 599.	2.8	2
32	In Silico Structural and Functional Characterization of HtrA Proteins of Leptospira spp.: Possible Implications in Pathogenesis. Tropical Medicine and Infectious Disease, 2020, 5, 179.	2.3	2
33	Specific Gene Silencing in Leptospira biflexa by RNA-Guided Catalytically Inactive Cas9 (dCas9). Methods in Molecular Biology, 2020, 2134, 109-122.	0.9	2
34	CARACTERIZAÃ‡ÃƒO FÃSICO-QUÃMICA E SENSORIAL DE GELEIAS DE GOIABA PREPARADAS COM AÃ‡ÃšCAR MASCAVO. Revista Brasileira De Produtos Agroindustriais, 2013, 15, 167-172.	0.0	0
35	A Modified ELISA Method to Evaluate the Interaction of Schistosoma mansoni Proteins with Plasminogen. Methods in Molecular Biology, 2020, 2151, 185-195.	0.9	0