Benedito AntÃ´nio Lopes Da Fonseca

List of Publications by Year
in descending order

98	2,994	159358 30	182168 51
papers	citations	h-index	g-index

101	101	101	5076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complement C3 vs C5 inhibition in severe COVID-19: Early clinical findings reveal differential biological efficacy. Clinical Immunology, 2020, 220, 108598.	1.4	191
2	Beneficial effects of colchicine for moderate to severe COVID-19: a randomised, double-blinded, placebo-controlled clinical trial. RMD Open, 2021, 7, e001455.	1.8	183
3	Matrix metalloproteinases, their physiological inhibitors and osteoclast factors are differentially regulated by the cytokine profile in human periodontal disease. Journal of Clinical Periodontology, 2004, 31, 671-679.	2.3	180
4	Recombinant vaccinia virus producing the prM and E proteins of yellow fever virus protects mice from lethal yellow fever encephalitis. Virology, 1992, 187, 290-297.	1.1	125
5	Dengue: a review of the laboratory tests a clinician must know to achieve a correct diagnosis. Brazilian Journal of Infectious Diseases, 2004, 8, 390-8.	0.3	122
6	Comparison of protective immunity elicited by recombinant vaccinia viruses that synthesize E or NS1 of Japanese encephalitis virus. Virology, 1991, 185, 401-410.	1.1	114
7	First Complete Genome Sequence of Zika Virus (Flaviviridae , Flavivirus) from an Autochthonous Transmission in Brazil. Genome Announcements, 2016, 4, .	0.8	99
8	Recombinant vaccinia viruses co-expressing dengue-1 glycoproteins prM and E induce neutralizing antibodies in mice. Vaccine, 1994, 12, 279-285.	1.7	96
9	Endemic paracoccidioidomycosis: relationship between clinical presentation and patientsâ€™ demographic features. Medical Mycology, 2013, 51, 313-318.	0.3	85
10	Will Mayaro virus be responsible for the next outbreak of an arthropod-borne virus in Brazil?. Brazilian Journal of Infectious Diseases, 2017, 21, 540-544.	0.3	82
11	Evaluation of Cardiac Involvement During Dengue Viral Infection. Clinical Infectious Diseases, 2013, 57, 812-819.	2.9	81
12	Chloroquine use improves dengue-related symptoms. Memorias Do Instituto Oswaldo Cruz, 2013, 108, 596-599.	0.8	81
13	Pt(II) and Ag(I) complexes with acesulfame: Crystal structure and a study of their antitumoral, antimicrobial and antiviral activities. Journal of Inorganic Biochemistry, 2010, 104, 533-540.	1.5	70
14	Chloroquine Inhibits Dengue Virus Type 2 Replication in Vero Cells but Not in C6/36 Cells. Scientific World Journal, The, 2013, 2013, 1-5.	0.8	60
15	Chloroquine interferes with dengueâ€2 virus replication in U937 cells. Microbiology and Immunology, 2014, 58, 318-326.	0.7	60
16	Characterisation of divergent flavivirus NS3 and NS5 protein sequences detected in Rhipicephalus microplus ticks from Brazil. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 38-50.	0.8	59
17	Antiviral Activity of Chloroquine Against Dengue Virus Type 2 Replication inAotusMonkeys. Viral Immunology, 2015, 28, 161-169.	0.6	59
18	Systemic treatment of AIDS-related Kaposi sarcoma: Current status and perspectives. Cancer Treatment Reviews, 2006, 32, 445-455.	3.4	52

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19	Efficacy and Safety of Cannabidiol Plus Standard Care vs Standard Care Alone for the Treatment of Emotional Exhaustion and Burnout Among Frontline Health Care Workers During the COVID-19 Pandemic. JAMA Network Open, 2021, 4, e2120603.	2.8	47
20	Neuroimmuneâ€“Glia Interactions in the Sensory Ganglia Account for the Development of Acute Herpetic Neuralgia. Journal of Neuroscience, 2017, 37, 6408-6422.	1.7	45
21	Are SARS-CoV-2 reinfection and Covid-19 recurrence possible? a case report from Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2020, 53, e20200619.	0.4	45
22	Dengue virus infections. Current Opinion in Pediatrics, 2002, 14, 67-71.	1.0	43
23	A case presentation of a fatal dengue myocarditis showing evidence for dengue virus-induced lesion. European Heart Journal: Acute Cardiovascular Care, 2013, 2, 127-130.	0.4	43
24	Lying in wait: the resurgence of dengue virus after the Zika epidemic in Brazil. Nature Communications, 2021, 12, 2619.	5.8	43
25	A BALB/c mouse model shows that liver involvement in dengue disease is immune-mediated. Experimental and Molecular Pathology, 2010, 89, 321-326.	0.9	39
26	Risk of Zika virus transmission by blood donations in Brazil. Hematology, Transfusion and Cell Therapy, 2018, 40, 250-254.	0.1	37
27	Flavivirus Type-Specific Antigens Produced from Fusions of a Portion of the E Protein Gene with the Escherichia coli trpe Gene. American Journal of Tropical Medicine and Hygiene, 1991, 44, 500-508.	0.6	37
28	The precore mutation is associated with severity of liver damage in Brazilian patients with chronic hepatitis B. Journal of Clinical Virology, 2005, 32, 53-59.	1.6	36
29	The use of reverse transcription-polymerase chain reaction (RT-PCR) for the rapid detection and identification of dengue virus in an endemic region: a validation study. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2002, 96, 266-269.	0.7	33
30	Clinical evaluation of the NS1 antigenâ€capture ELISA for early diagnosis of dengue virus infection in Brazil. Journal of Medical Virology, 2010, 82, 1400-1405.	2.5	32
31	Granzyme B, fas-ligand and perforin expression during acute cellular rejection episodes after kidney transplantation: comparison between blood and renal aspirates. Transplantation Proceedings, 2002, 34, 476-478.	0.3	30
32	Recombinant plasmid expressing a truncated dengue-2 virus E protein without co-expression of prM protein induces partial protection in mice. Vaccine, 2000, 19, 648-654.	1.7	29
33	McFarland nephelometer as a simple method to estimate the sensitivity of the polymerase chain reaction using Mycobacterium tuberculosis as a research tool. Brazilian Journal of Medical and Biological Research, 1999, 32, 1073-1076.	0.7	26
34	One-Step RT-PCR protocols improve the rate of dengue diagnosis compared to Two-Step RT-PCR approaches. Journal of Clinical Virology, 2004, 30, 297-301.	1.6	26
35	A DNA vaccine candidate expressing dengue-3 virus prM and E proteins elicits neutralizing antibodies and protects mice against lethal challenge. Archives of Virology, 2008, 153, 2215-2223.	0.9	26
36	A DNA vaccine candidate encoding the structural prM/E proteins elicits a strong immune response and protects mice against dengue-4 virus infection. Vaccine, 2011, 29, 831-838.	1.7	26

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37	Infection of Mosquito Cells (C6/36) by Dengue-2 Virus Interferes with Subsequent Infection by Yellow Fever Virus. Vector-Borne and Zoonotic Diseases, 2016, 16, 124-130.	0.6	24
38	Cannabidiol for COVID-19 Patients with Mild to Moderate Symptoms (CANDIDATE Study): A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. Cannabis and Cannabinoid Research, 2022, 7, 658-669.	1.5	22
39	Comparison of techniques for extracting viral RNA from isolation-negative serum for dengue diagnosis by the polymerase chain reaction. Journal of Virological Methods, 2001, 98, 119-125.	1.0	21
40	Cost-Effectiveness Analysis Comparing Chemotherapy Regimens in the Treatment of AIDS-Related Kaposiâ€™s Sarcoma in Brazil. HIV Clinical Trials, 2006, 7, 194-202.	2.0	21
41	SYBR green and TaqMan real-time PCR assays are equivalent for the diagnosis of dengue virus type 3 infections. Journal of Medical Virology, 2006, 78, 760-763.	2.5	20
42	Optimizing dengue diagnosis by RT-PCR in IgM-positive samples: comparison of whole blood, buffy-coat and serum as clinical samples. Journal of Virological Methods, 2002, 102, 113-117.	1.0	19
43	Molecular epidemiology of type 1 and 2 dengue viruses in Brazil from 1988 to 2001. Brazilian Journal of Medical and Biological Research, 2005, 38, 843-852.	0.7	19
44	Advantages and Pitfalls of the Polymerase Chain Reaction in the Diagnosis of Esophageal Ulcers in AIDS Patients. Digestive Diseases and Sciences, 2009, 54, 1933-1939.	1.1	18
45	Hantavirus infection in suspected dengue cases from State of CearÃ¡, Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2011, 44, 795-796.	0.4	18
46	Lectins and/or xyloglucans/alginate layers as supports for immobilization of dengue virus particles. Colloids and Surfaces B: Biointerfaces, 2008, 66, 45-52.	2.5	17
47	Poly(ethylene glycol) decorated poly(methylmethacrylate) nanoparticles for protein adsorption. Materials Science and Engineering C, 2011, 31, 562-566.	3.8	16
48	Complete Genome Sequence of Mayaro Virus (Togaviridae, Alphavirus) Strain BeAr 20290 from Brazil. Genome Announcements, 2015, 3, .	0.8	15
49	An Experimental Model of Meningoencephalomyelitis by Rocio Flavivirus in Balb/C Mice: Inflammatory Response, Cytokine Production, and Histopathology. American Journal of Tropical Medicine and Hygiene, 2011, 85, 363-373.	0.6	14
50	Zika virus infection followed by a first episode of psychosis: another flavivirus leading to pure psychiatric symptomatology. Revista Brasileira De Psiquiatria, 2017, 39, 381-382.	0.9	14
51	Binding of Dengue Virus Particles and Dengue Proteins onto Solid Surfaces. ACS Applied Materials & Interfaces, 2010, 2, 2602-2610.	4.0	13
52	West Nile virus infections are here! Are we prepared to face another flavivirus epidemic?. Revista Da Sociedade Brasileira De Medicina Tropical, 2019, 52, e20190089.	0.4	12
53	Efficacy of COVID-19 outbreak management in a skilled nursing facility based on serial testing for early detection and control. Brazilian Journal of Infectious Diseases, 2021, 25, 101570.	0.3	12
54	Improved Detection of Dengue-1 Virus from IgM-Positive Serum Samples Using C6/36 Cell Cultures in Association with RT-PCR. Intervirology, 2003, 46, 227-231.	1.2	11

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55	Human herpesvirus 8 (HHV-8) detected by nested polymerase chain reaction (PCR) in HIV patients with or without Kaposi's sarcoma. An analytic cross-sectional study. Sao Paulo Medical Journal, 2016, 134, 187-192.	0.4	11
56	Recombinant vesicular stomatitis virus-based dengue-2 vaccine candidate induces humoral response and protects mice against lethal infection. Human Vaccines and Immunotherapeutics, 2016, 12, 2327-2333.	1.4	10
57	Detection and identification of dengue-1 virus in clinical samples by a nested-PCR followed by restriction enzyme digestion of amplicons. Journal of Medical Virology, 2002, 66, 529-534.	2.5	9
58	Biological activity of Serratia marcescens cytotoxin. Brazilian Journal of Medical and Biological Research, 2003, 36, 351-359.	0.7	9
59	Infection with Saint Louis encephalitis virus in the city of Ribeirao Preto, Brazil: report of one case. International Journal of Infectious Diseases, 2014, 26, 96-97.	1.5	9
60	Morphological and intracellular alterations induced by Serratia marcescens cytotoxin. Research in Microbiology, 2004, 155, 25-30.	1.0	8
61	Seroprevalence and Seroconversion of Dengue and Implications for Clinical Diagnosis in Amazonian Children. Interdisciplinary Perspectives on Infectious Diseases, 2014, 2014, 1-5.	0.6	8
62	Expression Profiles of Cytokine mRNAs in the Pleural Fluid Reveal Differences Among Tuberculosis, Malignancies, and Pneumonia-Exudative Pleural Effusions. Lung, 2015, 193, 1001-1007.	1.4	8
63	Sensitivity and detection of chikungunya viral genetic material using several PCR-based approaches. Revista Da Sociedade Brasileira De Medicina Tropical, 2017, 50, 465-469.	0.4	8
64	DKA and new-onset type 1 diabetes in Brazilian children and adolescents during the COVID-19 pandemic. Archives of Endocrinology and Metabolism, 2022, , .	0.3	8
65	Protective Immunity against Gamma and Zeta Variants after Inactivated SARS-CoV-2 Virus Immunization. Viruses, 2021, 13, 2440.	1.5	8
66	Disseminated Kaposi's Sarcoma in Patients with HIV Infection Correlates to High Serum Levels of IL-10. Viral Immunology, 2014, 27, 356-360.	0.6	7
67	Malaria and other febrile diseases among travellers: the experience of a reference centre located outside the Brazilian Amazon Region. Malaria Journal, 2016, 15, 294.	0.8	7
68	Current priorities in the Zika response. Immunology, 2018, 153, 435-442.	2.0	7
69	Evidence for current circulation of an ancient West Nile virus strain (NY99) in Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2021, 54, .	0.4	7
70	Brefeldin A and Cytochalasin B reduce dengue virus replication in cell cultures but do not protect mice against viral challenge. Access Microbiology, 2019, 1, e000041.	0.2	7
71	Sensitive LC-MS/MS Methods for Amphotericin B Analysis in Cerebrospinal Fluid, Plasma, Plasma Ultrafiltrate, and Urine: Application to Clinical Pharmacokinetics. Frontiers in Chemistry, 2021, 9, 782131.	1.8	7
72	Haemophilus ducreyi detection by polymerase chain reaction in oesophageal lesions of HIV patients. International Journal of STD and AIDS, 2009, 20, 238-240.	0.5	6

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73	Production and diagnostic application of recombinant domain III of West Nile envelope protein in Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2013, 46, 97-99.	0.4	6
74	A real-time reverse transcriptase polymerase chain reaction for detection and quantification of Vesiculovirus. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 385-390.	0.8	6
75	Yellow Feverâ€“induced Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 250-252.	2.5	6
76	High proportion of Guillain-BarrÃ© syndrome associated with chikungunya in Northeast Brazil. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e833.	3.1	6
77	HIV-1 tropism and CD4 T lymphocyte recovery in a prospective cohort of patients initiating HAART in RibeirÃ£o Preto, Brazil. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 96-101.	0.8	6
78	Influence of amplicon size on the polymerase chain reaction of Parvovirus B19 genome in formalin-fixed specimens. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2009, 45, 119-123.	0.3	5
79	A real-time RT-PCR for rapid detection and quantification of mosquito-borne alphaviruses. Archives of Virology, 2016, 161, 3171-3177.	0.9	5
80	Zika and chikungunya infections in Brazil: reviewing the epidemic and treatment options. Revista Da Sociedade Brasileira De Medicina Tropical, 2016, 49, 535-536.	0.4	5
81	Bacillary angiomatosis in a pregnant woman. International Journal of Gynecology and Obstetrics, 2010, 111, 85-86.	1.0	4
82	Orbital tuberculosis presenting as proptosis and fever: the risk of empiric corticosteroids. International Ophthalmology, 2014, 34, 133-136.	0.6	4
83	Dengue vaccines: what we know, what has been done, but what does the future hold?. Revista De Saude Publica, 2015, 49, 1-6.	0.7	4
84	The Attenuated Live Yellow Fever Virus 17D Infects the Thymus and Induces Thymic Transcriptional Modifications of Immunomodulatory Genes in C57BL/6 and BALB/C Mice. Autoimmune Diseases, 2015, 2015, 1-12.	2.7	4
85	Congenital toxoplasmosis: public health policy concerns. Brazilian Journal of Infectious Diseases, 2008, 12, 107.	0.3	4
86	Identification of Mycobacterium Species in Contaminated Cultures by Polymerase Chain Reaction<xref rid="AFF1">[*]</xref>. Chest, 2005, 127, 1283.	0.4	4
87	Human Herpesvirus 8 in Perinatally HIV-infected Children with Interstitial Lung Disease. Journal of Tropical Pediatrics, 2018, 64, 382-388.	0.7	3
88	Gingival tissue as a reservoir for human immunodeficiency virus type 1: Preliminary results of a crossâ€sectional observational study. Journal of Periodontology, 2022, 93, 613-620.	1.7	3
89	Comparison of the effectiveness of initial combined antiretroviral therapy with nelfinavir or efavirenz at a university-based outpatient service in Brazil. Brazilian Journal of Medical and Biological Research, 2007, 40, 963-969.	0.7	2
90	The Importance of Coordinated Actions in Preventing the Spread of Yellow Fever to Human Populations: The Experience from the 2016-2017 Yellow Fever Outbreak in the Northeastern Region of SÃ£o Paulo State. Canadian Journal of Infectious Diseases and Medical Microbiology, 2019, 2019, 1-11.	0.7	2

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91	Prevalence of virological and serological markers of SARS-CoV-2 infection in the population of RibeirÃ£o Preto, Southeast Brazil: an epidemiological survey. Revista Da Sociedade Brasileira De Medicina Tropical, 2021, 54, e02102021.	0.4	2
92	CoronaVac and ChAdOx1 Vaccination and Gamma Infection Elicited Neutralizing Antibodies against the SARS-CoV-2 Delta Variant. Viruses, 2022, 14, 305.	1.5	2
93	Case Report: Fatal Viscerotropic Disease in a Young Woman Following Yellow Fever Vaccination. American Journal of Tropical Medicine and Hygiene, 2021, , .	0.6	1
94	Schistosomiasis of the uterine cervix. Revista Da Sociedade Brasileira De Medicina Tropical, 2007, 40, 256-257.	0.4	1
95	Zika - The road from an obscure disease to an epidemic of information. Revista Da Sociedade Brasileira De Medicina Tropical, 2017, 50, 1-2.	0.4	1
96	Evaluation of genotype resistance testing for salvage antiretroviral therapy at AIDS care centers from RibeirÃ£o Preto, SÃ£o Paulo, Brazil. Brazilian Journal of Medical and Biological Research, 2008, 41, 533-538.	0.7	0
97	Coding-Complete Genome Sequence of a Yellow Fever Virus Isolated from a Baby Howler Monkey () Tj ETQq1 1 0.784314 rgBT /Overl 2021, 10, .	0.3	0
98	Digital disease data: what is the impact on the Zika virus epidemic?. Revista Da Sociedade Brasileira De Medicina Tropical, 2017, 50, 437-438.	0.4	0