

Lindomar Pena

List of Publications by Year in descending order

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65
papers

2,616
citations

218677

26
h-index

197818

49
g-index

66
all docs

66
docs citations

66
times ranked

4827
citing authors

#	ARTICLE	IF	CITATIONS
1	Live Attenuated Influenza Viruses Containing NS1 Truncations as Vaccine Candidates against H5N1 Highly Pathogenic Avian Influenza. <i>Journal of Virology</i> , 2009, 83, 1742-1753.	3.4	217
2	Full Genome Sequence and sfRNA Interferon Antagonist Activity of Zika Virus from Recife, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005048.	3.0	193
3	Zika virus replication in the mosquito <i>Culex quinquefasciatus</i> in Brazil. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-11.	6.5	150
4	Human metapneumovirus: review of an important respiratory pathogen. <i>International Journal of Infectious Diseases</i> , 2014, 25, 45-52.	3.3	138
5	Positive IgM for Zika virus in the cerebrospinal fluid of 30 neonates with microcephaly in Brazil. <i>Lancet</i> , The, 2016, 387, 1811-1812.	13.7	128
6	Differential Contribution of PB1-F2 to the Virulence of Highly Pathogenic H5N1 Influenza A Virus in Mammalian and Avian Species. <i>PLoS Pathogens</i> , 2011, 7, e1002186.	4.7	119
7	Variations in the Hemagglutinin of the 2009 H1N1 Pandemic Virus: Potential for Strains with Altered Virulence Phenotype?. <i>PLoS Pathogens</i> , 2010, 6, e1001145.	4.7	103
8	Discovery of New Hydroxyethylamine Analogs against 3CL ^{pro} Protein Target of SARS-CoV-2: Molecular Docking, Molecular Dynamics Simulation, and Structure-Activity Relationship Studies. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5754-5770.	5.4	92
9	Modifications in the Polymerase Genes of a Swine-Like Triple-Reassortant Influenza Virus To Generate Live Attenuated Vaccines against 2009 Pandemic H1N1 Viruses. <i>Journal of Virology</i> , 2011, 85, 456-469.	3.4	85
10	Lessons Learned at the Epicenter of Brazil's Congenital Zika Epidemic: Evidence From 87 Confirmed Cases. <i>Clinical Infectious Diseases</i> , 2017, 64, 1302-1308.	5.8	83
11	Collapse of the public health system and the emergence of new variants during the second wave of the COVID-19 pandemic in Brazil. <i>One Health</i> , 2021, 13, 100287.	3.4	78
12	Loop-Mediated Isothermal Amplification (LAMP) for the Diagnosis of Zika Virus: A Review. <i>Viruses</i> , 2020, 12, 19.	3.3	77
13	A 27-Amino-Acid Deletion in the Neuraminidase Stalk Supports Replication of an Avian H2N2 Influenza A Virus in the Respiratory Tract of Chickens. <i>Journal of Virology</i> , 2010, 84, 11831-11840.	3.4	69
14	Neurological disease in adults with Zika and chikungunya virus infection in Northeast Brazil: a prospective observational study. <i>Lancet Neurology</i> , The, 2020, 19, 826-839.	10.2	68
15	Guillain-Barré Syndrome, Acute Disseminated Encephalomyelitis and Encephalitis Associated with Zika Virus Infection in Brazil: Detection of Viral RNA and Isolation of Virus during Late Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1405-1409.	1.4	58
16	Influenza Viruses with Rearranged Genomes as Live-Attenuated Vaccines. <i>Journal of Virology</i> , 2013, 87, 5118-5127.	3.4	57
17	Development and Validation of Reverse Transcription Loop-Mediated Isothermal Amplification (RT-LAMP) for Rapid Detection of ZIKV in Mosquito Samples from Brazil. <i>Scientific Reports</i> , 2019, 9, 4494.	3.3	57
18	Clinical and Laboratory Diagnosis of SARS-CoV-2, the Virus Causing COVID-19. <i>ACS Infectious Diseases</i> , 2020, 6, 2319-2336.	3.8	57

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19	Zika virus tropism and interactions in myelinating neural cell cultures: CNS cells and myelin are preferentially affected. <i>Acta Neuropathologica Communications</i> , 2017, 5, 50.	5.2	56
20	Role of nonstructural proteins in the pathogenesis of SARS-CoV-2. <i>Journal of Medical Virology</i> , 2020, 92, 1427-1429.	5.0	56
21	Results of a Zika Virus (ZIKV) Immunoglobulin M-Specific Diagnostic Assay Are Highly Correlated With Detection of Neutralizing Anti-ZIKV Antibodies in Neonates With Congenital Disease. <i>Journal of Infectious Diseases</i> , 2016, 214, 1897-1904.	4.0	53
22	Ivermectin: an award-winning drug with expected antiviral activity against COVID-19. <i>Journal of Controlled Release</i> , 2021, 329, 758-761.	9.9	52
23	In vitro and in vivo models for studying Zika virus biology. <i>Journal of General Virology</i> , 2018, 99, 1529-1550.	2.9	40
24	Outbreak of swine influenza in Argentina reveals a non-contemporary human H3N2 virus highly transmissible among pigs. <i>Journal of General Virology</i> , 2011, 92, 2871-2878.	2.9	39
25	The thiopurine nucleoside analogue 6-methylmercaptopurine riboside (6MMPr) effectively blocks Zika virus replication. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 718-725.	2.5	34
26	Restored PB1-F2 in the 2009 Pandemic H1N1 Influenza Virus Has Minimal Effects in Swine. <i>Journal of Virology</i> , 2012, 86, 5523-5532.	3.4	33
27	Recent insights into SARS-CoV-2 omicron variant. <i>Reviews in Medical Virology</i> , 2023, 33, .	8.3	29
28	Field validation of the performance of paper-based tests for the detection of the Zika and chikungunya viruses in serum samples. <i>Nature Biomedical Engineering</i> , 2022, 6, 246-256.	22.5	27
29	Guillain-Barré syndrome during the Zika virus outbreak in Northeast Brazil: An observational cohort study. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117272.	0.6	24
30	Revisiting Key Entry Routes of Human Epidemic Arboviruses into the Mainland Americas through Large-Scale Phylogenomics. <i>International Journal of Genomics</i> , 2018, 2018, 1-9.	1.6	22
31	Simultaneous Circulation of DENV, CHIKV, ZIKV and SARS-CoV-2 in Brazil: an Inconvenient Truth. <i>One Health</i> , 2021, 12, 100205.	3.4	22
32	Isatin Derivatives and Their Antiviral Properties Against Arboviruses: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 19, 56-62.	2.4	22
33	Strain-dependent effects of PB1-F2 of triple-reassortant H3N2 influenza viruses in swine. <i>Journal of General Virology</i> , 2012, 93, 2204-2214.	2.9	21
34	Deletions in the Neuraminidase Stalk Region of H2N2 and H9N2 Avian Influenza Virus Subtypes Do Not Affect Postinfluenza Secondary Bacterial Pneumonia. <i>Journal of Virology</i> , 2012, 86, 3564-3573.	3.4	19
35	Epidemiological and clinical characteristics of the first 557 successive patients with COVID-19 in Pernambuco state, Northeast Brazil. <i>Travel Medicine and Infectious Disease</i> , 2020, 38, 101884.	3.0	19
36	Synthesis of alkynylated 1,2,4-oxadiazole/1,2,3-1H-triazole glycoconjugates: Discovering new compounds for use in chemotherapy against lung carcinoma and <i>Mycobacterium tuberculosis</i> . <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113472.	5.5	16

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37	Computational methods directed towards drug repurposing for COVID-19: advantages and limitations. <i>RSC Advances</i> , 2021, 11, 36181-36198.	3.6	16
38	Viral Load in COVID-19 Patients: Implications for Prognosis and Vaccine Efficacy in the Context of Emerging SARS-CoV-2 Variants. <i>Frontiers in Medicine</i> , 2021, 8, 836826.	2.6	15
39	Portable sample processing for molecular assays: application to Zika virus diagnostics. <i>Lab on A Chip</i> , 2022, 22, 1748-1763.	6.0	15
40	Widespread contamination of SARS-CoV-2 on highly touched surfaces in Brazil during the second wave of the COVID-19 pandemic. <i>Environmental Microbiology</i> , 2021, 23, 7382-7395.	3.8	15
41	Oral Fluids as a Live-Animal Sample Source for Evaluating Cross-Reactivity and Cross-Protection following Intranasal Influenza A Virus Vaccination in Pigs. <i>Vaccine Journal</i> , 2015, 22, 1109-1120.	3.1	14
42	In Vivo Selection of H1N2 Influenza Virus Reassortants in the Ferret Model. <i>Journal of Virology</i> , 2013, 87, 3277-3283.	3.4	12
43	Tri- and Diterpenoids from <i>Stillingia loranthacea</i> as Inhibitors of Zika Virus Replication. <i>Journal of Natural Products</i> , 2019, 82, 2721-2730.	3.0	12
44	The Emergence of Chikungunya ECSA Lineage in a Mayaro Endemic Region on the Southern Border of the Amazon Forest. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 105.	2.3	11
45	Levantamento soro-epidemiológico da infecção pelo vírus da Anemia Infecciosa Equina, da Influenza Equina-2 e do Herpesvírus Equino-1 em rebanhos do sul do Estado do Pará, Brasil. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2006, 43, 537.	0.2	10
46	Synthesis, Antitumor and Cytotoxic Activity of New Adamantyl <i>o</i> -acylamidoximes and 3-arylamidoxime-Adamantane-1,2,4-oxadiazole Derivatives. <i>ChemistrySelect</i> , 2019, 4, 9112-9118.	1.5	10
47	Adaptive, diverse and de-centralized diagnostics are key to the future of outbreak response. <i>BMC Biology</i> , 2020, 18, 153.	3.8	9
48	Norovirus-associated gastroenteritis, Pernambuco, Northeast Brazil, 2014-2017. <i>Journal of Medical Virology</i> , 2020, 92, 1093-1101.	5.0	8
49	6-methylmercaptapurine riboside, a thiopurine nucleoside with antiviral activity against canine distemper virus in vitro. <i>Virology Journal</i> , 2017, 14, 124.	3.4	6
50	A word of caution in interpreting COVID-19 diagnostics tests. <i>Journal of Medical Virology</i> , 2021, 93, 717-718.	5.0	6
51	Development and validation of a one-step reverse transcription loop-mediated isothermal amplification (RT-LAMP) for rapid detection of ZIKV in patient samples from Brazil. <i>Scientific Reports</i> , 2021, 11, 4111.	3.3	6
52	Searching Anti-Zika Virus Activity in 1H-1,2,3-Triazole Based Compounds. <i>Molecules</i> , 2021, 26, 5869.	3.8	5
53	Polymorphisms in the haemagglutinin gene influenced the viral shedding of pandemic 2009 influenza virus in swine. <i>Journal of General Virology</i> , 2014, 95, 2618-2626.	2.9	4
54	Response to: "Lack of evidence for Zika virus transmission by <i>Culex</i> mosquitoes". <i>Emerging Microbes and Infections</i> , 2017, 6, 1-2.	6.5	4

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55	Spread of two Zika virus lineages in Midwest Brazil. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103974.	2.3	4
56	Functional evaluation of human papillomavirus type 31 long control region variants. <i>Genomics</i> , 2020, 112, 5066-5071.	2.9	4
57	Insights into SARS-CoV-2, the Coronavirus Underlying COVID-19: Recent Genomic Data and the Development of Reverse Genetics Systems. <i>Journal of General Virology</i> , 2020, 101, 1021-1024.	2.9	4
58	Absence of norovirus contamination in shellfish harvested and commercialized in the Northeast coast of Brazil. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e9529.	1.5	4
59	Bisbenzylisoquinoline alkaloids of <i>Cissampelos sympodialis</i> with antiviral activity against dengue virus. <i>Natural Product Research</i> , 2020, 35, 1-5.	1.8	2
60	Multi-targeted gene silencing strategies inhibit replication of Canine morbillivirus. <i>BMC Veterinary Research</i> , 2020, 16, 448.	1.9	2
61	Bisbenzylisoquinoline Alkaloids of <i>Cissampelos Sympodialis</i> With in Vitro Antiviral Activity Against Zika Virus. <i>Frontiers in Pharmacology</i> , 2021, 12, 743541.	3.5	2
62	Partial Genome Sequences of Human Norovirus Strains from Northeast Brazil. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
63	Has Zika Virus Established a Sylvatic Cycle in South America?. <i>Acta Tropica</i> , 2020, 209, 105525.	2.0	1
64	Structural and functional impacts of E5 genetic variants of human papillomavirus type 31. <i>Virus Research</i> , 2020, 290, 198143.	2.2	1
65	Response to "On the antiviral activity and developmental toxicity of 6-methylmercaptapurine riboside (6MMPr) and "Acceleration with the brakes on". <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 515-516.	2.5	0