Erna G Kroon

List of Publications by Year
in descending order

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261 papers	7,048 citations	61984 43 h-index	102487 66 g-index
266 all docs	266 docs citations	266 times ranked	6808 citing authors

#	Article	IF	Citations
1	Genomic and epidemiological monitoring of yellow fever virus transmission potential. Science, 2018, 361, 894-899.	12.6	279
2	Tailed giant Tupanvirus possesses the most complete translational apparatus of the known virosphere. Nature Communications, 2018, 9, 749.	12.8	247
3	Interferons: Signaling, antiviral and viral evasion. Immunology Letters, 2009, 122, 1-11.	2.5	169
4	AraÃ§atuba Virus: A Vaccinialike Virus Associated with Infection in Humans and Cattle. Emerging Infectious Diseases, 2003, 9, 155-160.	4.3	137
5	The vaccinia virus-stimulated mitogen-activated protein kinase (MAPK) pathway is required for virus multiplication. Biochemical Journal, 2004, 381, 437-446.	3.7	124
6	Essential role of platelet-activating factor receptor in the pathogenesis of Dengue virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14138-14143.	7.1	119
7	Brazilian Vaccinia Viruses and Their Origins. Emerging Infectious Diseases, 2007, 13, 965-972.	4.3	118
8	Activation of the PI3K/Akt Pathway Early during Vaccinia and Cowpox Virus Infections Is Required for both Host Survival and Viral Replication. Journal of Virology, 2009, 83, 6883-6899.	3.4	107
9	Sequence-independent characterization of viruses based on the pattern of viral small RNAs produced by the host. Nucleic Acids Research, 2015, 43, 6191-6206.	14.5	104
10	The Large Marseillevirus Explores Different Entry Pathways by Forming Giant Infectious Vesicles. Journal of Virology, 2016, 90, 5246-5255.	3.4	103
11	Here, There, and Everywhere: The Wide Host Range and Geographic Distribution of Zoonotic Orthopoxviruses. Viruses, 2021, 13, 43.	3.3	103
12	Passatempo Virus, a Vaccinia Virus Strain, Brazil. Emerging Infectious Diseases, 2005, 11, 1935-1941.	4.3	102
13	A Mitogenic Signal Triggered at an Early Stage of Vaccinia Virus Infection. Journal of Biological Chemistry, 2001, 276, 38353-38360.	3.4	90
14	ISOLATION OF TWO VACCINIA VIRUS STRAINS FROM A SINGLE BOVINE VACCINIA OUTBREAK IN RURAL AREA FROM BRAZIL: IMPLICATIONS ON THE EMERGENCE OF ZOONOTIC ORTHOPOXVIRUSES. American Journal of Tropical Medicine and Hygiene, 2006, 75, 486-490.	1.4	90
15	One More Piece in the VACV Ecological Puzzle: Could Peridomestic Rodents Be the Link between Wildlife and Bovine Vaccinia Outbreaks in Brazil?. PLoS ONE, 2009, 4, e7428.	2.5	89
16	Diversity and bioprospection of fungal community present in oligotrophic soil of continental Antarctica. Extremophiles, 2015, 19, 585-596.	2.3	88
17	Samba virus: a novel mimivirus from a giant rain forest, the Brazilian Amazon. Virology Journal, 2014, 11, 95.	3.4	87
18	Lethal Encephalitis in Myeloid Differentiation Factor 88-Deficient Mice Infected with Herpes Simplex Virus 1. American Journal of Pathology, 2005, 166, 1419-1426.	3.8	85

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19	Natural human infections with Vaccinia virus during bovine vaccinia outbreaks. Journal of Clinical Virology, 2009, 44, 308-313.	3.1	80
20	Persistence of Yellow fever virus outside the Amazon Basin, causing epidemics in Southeast Brazil, from 2016 to 2018. PLoS Neglected Tropical Diseases, 2018, 12, e0006538.	3.0	77
21	Fungi associated with rocks of the <scp>A</scp>tacama <scp>D</scp>esert: taxonomy, distribution, diversity, ecology and bioprospection for bioactive compounds. Environmental Microbiology, 2016, 18, 232-245.	3.8	76
22	Morphological and molecular characterization of the poxvirus BeAn 58058. Archives of Virology, 1998, 143, 1171-1186.	2.1	75
23	Toll-Like Receptor (TLR) 2 and TLR9 Expressed in Trigeminal Ganglia are Critical to Viral Control During Herpes Simplex Virus 1 Infection. American Journal of Pathology, 2010, 177, 2433-2445.	3.8	71
24	Zoonotic Brazilian Vaccinia virus: From field to therapy. Antiviral Research, 2011, 92, 150-163.	4.1	71
25	Evidence of natural Zika virus infection in neotropical non-human primates in Brazil. Scientific Reports, 2018, 8, 16034.	3.3	68
26	Evaluation of the Effectiveness of Mass Trapping With BG-Sentinel Traps for Dengue Vector Control: A Cluster Randomized Controlled Trial in Manaus, Brazil. Journal of Medical Entomology, 2014, 51, 408-420.	1.8	61
27	Characterization of a vaccinia-like virus isolated in a Brazilian forest. Journal of General Virology, 2002, 83, 223-228.	2.9	61
28	Intracerebral infection with dengue-3 virus induces meningoencephalitis and behavioral changes that precede lethality in mice. Journal of Neuroinflammation, 2011, 8, 23.	7.2	57
29	Zoonotic Vaccinia Virus Infection in Brazil: Clinical Description and Implications for Health Professionals. Journal of Clinical Microbiology, 2007, 45, 1370-1372.	3.9	55
30	Characterization of main cytokine sources from the innate and adaptive immune responses following primary 17DD yellow fever vaccination in adults. Vaccine, 2011, 29, 583-592.	3.8	55
31	Re-Emergence of Yellow Fever in Brazil during 2016â€“2019: Challenges, Lessons Learned, and Perspectives. Viruses, 2020, 12, 1233.	3.3	55
32	Mimivirus Fibrils Are Important for Viral Attachment to the Microbial World by a Diverse Glycoside Interaction Repertoire. Journal of Virology, 2015, 89, 11812-11819.	3.4	53
33	Detection of SARS-CoV-2 RNA on public surfaces in a densely populated urban area of Brazil: A potential tool for monitoring the circulation of infected patients. Science of the Total Environment, 2021, 766, 142645.	8.0	52
34	Acanthamoeba polyphaga mimivirus and other giant viruses: an open field to outstanding discoveries. Virology Journal, 2014, 11, 120.	3.4	51
35	Dengue Virus 3 Genotype 1 Associated with Dengue Fever and Dengue Hemorrhagic Fever, Brazil. Emerging Infectious Diseases, 2008, 14, 314-316.	4.3	49
36	Vaccinia Virus Infection in Monkeys, Brazilian Amazon. Emerging Infectious Diseases, 2010, 16, 976-979.	4.3	49

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37	Outbreak of Severe Zoonotic Vaccinia Virus Infection, Southeastern Brazil. Emerging Infectious Diseases, 2015, 21, 695-698.	4.3	49
38	Human Vaccinia virus and Pseudocowpox virus co-infection: Clinical description and phylogenetic characterization. Journal of Clinical Virology, 2010, 48, 69-72.	3.1	48
39	Activation/modulation of adaptive immunity emerges simultaneously after 17DD yellow fever first-time vaccination: is this the key to prevent severe adverse reactions following immunization?. Clinical and Experimental Immunology, 2007, 148, 90-100.	2.6	47
40	Short report: Isolation of two vaccinia virus strains from a single bovine vaccinia outbreak in rural area from Brazil: Implications on the emergence of zoonotic orthopoxviruses. American Journal of Tropical Medicine and Hygiene, 2006, 75, 486-90.	1.4	47
41	Traffic of leukocytes in the central nervous system is associated with chemokine up-regulation in a severe model of herpes simplex encephalitis: An intravital microscopy study. Neuroscience Letters, 2008, 445, 18-22.	2.1	46
42	The Chemokine CCL5 Is Essential for Leukocyte Recruitment in a Model of Severe Herpes simplex Encephalitis. Annals of the New York Academy of Sciences, 2009, 1153, 256-263.	3.8	46
43	Assessing the variability of Brazilian Vaccinia virus isolates from a horse exanthematic lesion: coinfection with distinct viruses. Archives of Virology, 2011, 156, 275-283.	2.1	46
44	Multi-walled carbon nanotubes functionalized with recombinant Dengue virus 3 envelope proteins induce significant and specific immune responses in mice. Journal of Nanobiotechnology, 2017, 15, 26.	9.1	45
45	Dengue Virus 3 Genotype I inAedes aegyptiMosquitoes and Eggs, Brazil, 2005â€“2006. Emerging Infectious Diseases, 2010, 16, 989-992.	4.3	43
46	Brazilian Vaccinia virus strains are genetically divergent and differ from the Lister vaccine strain. Microbes and Infection, 2008, 10, 185-197.	1.9	42
47	MEK/ERK activation plays a decisive role in yellow fever virus replication: Implication as an antiviral therapeutic target. Antiviral Research, 2014, 111, 82-92.	4.1	42
48	Filling Knowledge Gaps for Mimivirus Entry, Uncoating, and Morphogenesis. Journal of Virology, 2017, 91, .	3.4	42
49	Plasminogen/plasmin regulates Î±-enolase expression through the MEK/ERK pathway. Biochemical and Biophysical Research Communications, 2005, 337, 1065-1071.	2.1	41
50	Promoter Motifs in NCLDVs: An Evolutionary Perspective. Viruses, 2017, 9, 16.	3.3	40
51	Detection and phylogenetic analysis of Orf virus from sheep in Brazil: a case report. Virology Journal, 2009, 6, 47.	3.4	39
52	Antiviral activity of Distictella elongata (Vahl) Urb. (Bignoniaceae), a potentially useful source of anti-dengue drugs from the state of Minas Gerais, Brazil. Letters in Applied Microbiology, 2011, 53, 602-607.	2.2	39
53	Zoonotic Vaccinia Virus: Clinical and Immunological Characteristics in a Naturally Infected Patient. Clinical Infectious Diseases, 2009, 48, e37-e40.	5.8	38
54	Oysters as hot spots for mimivirus isolation. Archives of Virology, 2015, 160, 477-482.	2.1	38

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55	Virulence in Murine Model Shows the Existence of Two Distinct Populations of Brazilian Vaccinia virus Strains. PLoS ONE, 2008, 3, e3043.	2.5	37
56	The Investigation of Promoter Sequences of Marseilleviruses Highlights a Remarkable Abundance of the AAATATTT Motif in Intergenic Regions. Journal of Virology, 2017, 91, .	3.4	37
57	Ubiquitous giants: a plethora of giant viruses found in Brazil and Antarctica. Virology Journal, 2018, 15, 22.	3.4	37
58	The housekeeping gene glyceraldehyde-3-phosphate dehydrogenase is inappropriate as internal control in comparative studies between skin tissue and cultured skin fibroblasts using Northern blot analysis. Archives of Dermatological Research, 1999, 291, 659-661.	1.9	36
59	Belo Horizonte virus: a vaccinia-like virus lacking the A-type inclusion body gene isolated from infected mice. Journal of General Virology, 2004, 85, 2015-2021.	2.9	36
60	Bovine Vaccinia Outbreaks: Detection and Isolation of Vaccinia Virus in Milk Samples. Foodborne Pathogens and Disease, 2009, 6, 1141-1146.	1.8	36
61	Vaccinia Virus Natural Infections in Brazil: The Good, the Bad, and the Ugly. Viruses, 2017, 9, 340.	3.3	36
62	Innate immunity phenotypic features point toward simultaneous raise of activation and modulation events following 17DD live attenuated yellow fever first-time vaccination. Vaccine, 2008, 26, 1173-1184.	3.8	35
63	Nested-multiplex PCR detection of Orthopoxvirus and Parapoxvirus directly from exanthematic clinical samples. Virology Journal, 2009, 6, 140.	3.4	35
64	Vaccinia Virus Zoonotic Infection, SÃ£o Paulo State, Brazil. Emerging Infectious Diseases, 2011, 18, 189-191.	4.3	35
65	Chemistry and Antiviral Activity of Arrabidaea pulchra (Bignoniaceae). Molecules, 2013, 18, 9919-9932.	3.8	35
66	The use and misuse of the "impact factor" as a parameter for evaluation of scientific publication quality: a proposal to rationalize its application. Brazilian Journal of Medical and Biological Research, 2003, 36, 1605-1612.	1.5	34
67	Plasminogen/plasmin regulates c-fos and egr-1 expression via the MEK/ERK pathway. Biochemical and Biophysical Research Communications, 2005, 329, 237-245.	2.1	33
68	Dendritic cells, macrophages, NK and CD8+ T lymphocytes play pivotal roles in controlling HSV-1 in the trigeminal ganglia by producing IL1-beta, iNOS and granzyme B. Virology Journal, 2017, 14, 37.	3.4	33
69	Tupanvirus-infected amoebas are induced to aggregate with uninfected cells promoting viral dissemination. Scientific Reports, 2019, 9, 183.	3.3	33
70	Cedratvirus getuliensis replication cycle: an in-depth morphological analysis. Scientific Reports, 2018, 8, 4000.	3.3	32
71	Real-time PCR assay to identify variants of Vaccinia virus: Implications for the diagnosis of bovine vaccinia in Brazil. Journal of Virological Methods, 2008, 152, 63-71.	2.1	31
72	Differential role played by the MEK/ERK/EGR-1 pathway in orthopoxviruses vaccinia and cowpox biology. Biochemical Journal, 2006, 398, 83-95.	3.7	30

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73	Detection of herpesvirus DNA by the polymerase chain reaction (PCR) in vitreous samples from patients with necrotising retinitis. Journal of Clinical Pathology, 2001, 54, 103-106.	2.0	29
74	Cocirculation of two dengue virus serotypes in individual and pooled samples of Aedes aegypti and Aedes albopictus larvae. Revista Da Sociedade Brasileira De Medicina Tropical, 2011, 44, 103-105.	0.9	29
75	Seroprevalence of orthopoxvirus in an Amazonian rural village, Acre, Brazil. Archives of Virology, 2010, 155, 1139-1144.	2.1	28
76	Rapid detection of Orthopoxvirus by semiâ€nested PCR directly from clinical specimens: A useful alternative for routine laboratories. Journal of Medical Virology, 2010, 82, 692-699.	5.0	28
77	Nitric oxide synthase expression correlates with death in an experimental mouse model of dengue with CNS involvement. Virology Journal, 2013, 10, 267.	3.4	28
78	Defense against HSV-1 in a murine model is mediated by iNOS and orchestrated by the activation of TLR2 and TLR9 in trigeminal ganglia. Journal of Neuroinflammation, 2014, 11, 20.	7.2	28
79	Spatialâ€“Temporal Co-Circulation of Dengue Virus 1, 2, 3, and 4 Associated with Coinfection Cases in a Hyperendemic Area of Brazil: A 4-Week Survey. American Journal of Tropical Medicine and Hygiene, 2016, 94, 1080-1084.	1.4	28
80	Dengue virus 3 clinical isolates show different patterns of virulence in experimental mice infection. Microbes and Infection, 2010, 12, 546-554.	1.9	27
81	Vaccinia virus: shedding and horizontal transmission in a murine model. Journal of General Virology, 2008, 89, 2986-2991.	2.9	26
82	Long-lasting stability of Vaccinia virus strains in murine feces: implications for virus circulation and environmental maintenance. Archives of Virology, 2009, 154, 1551-1553.	2.1	26
83	Bovine vaccinia, a systemic infection: Evidence of fecal shedding, viremia and detection in lymphoid organs. Veterinary Microbiology, 2013, 162, 103-111.	1.9	26
84	Pan-Genome Analysis of Brazilian Lineage A Amoebal Mimiviruses. Viruses, 2015, 7, 3483-3499.	3.3	26
85	Serologic and Molecular Evidence of Vaccinia Virus Circulation among Small Mammals from Different Biomes, Brazil. Emerging Infectious Diseases, 2017, 23, 931-938.	4.3	26
86	Neighbor danger: Yellow fever virus epizootics in urban and urban-rural transition areas of Minas Gerais state, during 2017-2018 yellow fever outbreaks in Brazil. PLoS Neglected Tropical Diseases, 2020, 14, e0008658.	3.0	26
87	Characterization of ATI, TK and IFN-alpha/betaR genes in the genome of the BeAn 58058 virus, a naturally attenuated wild Orthopoxvirus. Virus Genes, 2001, 23, 291-301.	1.6	25
88	Antimicrobial, antiviral and cytotoxic activity of extracts and constituents from Polygonum spectabile Mart.. Phytomedicine, 2010, 17, 926-929.	5.3	25
89	Interferons and sclerodermaâ€”A new clue to understanding the pathogenesis of scleroderma?. Immunology Letters, 2008, 118, 110-115.	2.5	24
90	A Vaccinia Virus-Driven Interplay between the MKK4/7-JNK1/2 Pathway and Cytoskeleton Reorganization. Journal of Virology, 2012, 86, 172-184.	3.4	24

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91	Dengue-3 encephalitis promotes anxiety-like behavior in mice. Behavioural Brain Research, 2012, 230, 237-242.	2.2	24
92	Giants among larges: how gigantism impacts giant virus entry into amoebae. Current Opinion in Microbiology, 2016, 31, 88-93.	5.1	24
93	Mimivirus Circulation among Wild and Domestic Mammals, Amazon Region, Brazil. Emerging Infectious Diseases, 2014, 20, 469-472.	4.3	24
94	A resourceful giant: APMV is able to interfere with the human type I interferon system. Microbes and Infection, 2014, 16, 187-195.	1.9	23
95	Niemeyer Virus: A New Mimivirus Group A Isolate Harboring a Set of Duplicated Aminoacyl-tRNA Synthetase Genes. Frontiers in Microbiology, 2015, 6, 1256.	3.5	23
96	Antiviral activity of type I interferons and interleukins 29 and 28a (type III interferons) against Apeu virus. Antiviral Research, 2008, 80, 302-308.	4.1	22
97	Antiviral activities of plants occurring in the state of Minas Gerais, Brazil: Part 2. Screening Bignoniaceae species. Revista Brasileira De Farmacognosia, 2010, 20, 742-750.	1.4	22
98	TNFR1 plays a critical role in the control of severe HSV-1 encephalitis. Neuroscience Letters, 2010, 479, 58-62.	2.1	22
99	Group 1 Vaccinia virus Zoonotic Outbreak in MaranhÃ£o State, Brazil. American Journal of Tropical Medicine and Hygiene, 2013, 89, 1142-1145.	1.4	22
100	Mass trapping with MosquiTRAPs does not reduce Aedes aegypti abundance. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 517-527.	1.6	22
101	Antiviral activity of Bignoniaceae species occurring in the State of Minas Gerais (Brazil): part 1. Letters in Applied Microbiology, 2010, 51, 469-476.	2.2	21
102	Microscopic Analysis of the Tupanvirus Cycle in Vermamoeba vermiformis. Frontiers in Microbiology, 2019, 10, 671.	3.5	21
103	Antiviral Activity of Solanum paniculatum Extract and Constituents. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 813-818.	1.4	20
104	Vaccinia Virus Is Not Inactivated After Thermal Treatment and Cheese Production Using Experimentally Contaminated Milk. Foodborne Pathogens and Disease, 2010, 7, 1491-1496.	1.8	20
105	The dengue virus nonstructural protein 1 (NS1) increases NF-ÎºB transcriptional activity in HepG2 cells. Archives of Virology, 2011, 156, 1275-1279.	2.1	20
106	Multifocal Cutaneous Orf Virus Infection in Goats in the Amazon Region, Brazil. Vector-Borne and Zoonotic Diseases, 2012, 12, 336-340.	1.5	20
107	Trapping the Enemy: Vermamoeba vermiformis Circumvents Faustovirus Mariensis Dissemination by Enclosing Viral Progeny inside Cysts. Journal of Virology, 2019, 93, .	3.4	20
108	Dengue Virus 2 American-Asian Genotype Identified during the 2006/2007 Outbreak in PiauÃ, Brazil Reveals a Caribbean Route of Introduction and Dissemination of Dengue Virus in Brazil. PLoS ONE, 2014, 9, e104516.	2.5	20

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109	Use of atomic force microscopy as a diagnostic tool to identify orthopoxvirus. Journal of Virological Methods, 2007, 141, 198-204.	2.1	19
110	Virucidal activity of chemical biocides against mimivirus, a putative pneumonia agent. Journal of Clinical Virology, 2012, 55, 323-328.	3.1	19
111	Reemergence of Vaccinia Virus during Zoonotic Outbreak, ParÃ¡ State, Brazil. Emerging Infectious Diseases, 2013, 19, 2017-2020.	4.3	19
112	Spread of Vaccinia Virus to Cattle Herds, Argentina, 2011. Emerging Infectious Diseases, 2014, 20, 1576-1578.	4.3	19
113	Seroprevalence of Orthopoxvirus in rural Brazil: insights into anti-OPV immunity status and its implications for emergent zoonotic OPV. Virology Journal, 2016, 13, 121.	3.4	18
114	Etiological agents of viral meningitis in children from a dengue-endemic area, Southeast region of Brazil. Journal of the Neurological Sciences, 2017, 375, 390-394.	0.6	18
115	Molecular evidence of Orthopoxvirus DNA in capybara (Hydrochoerus hydrochaeris) stool samples. Archives of Virology, 2017, 162, 439-448.	2.1	18
116	Meningitis Associated with Simultaneous Infection by Multiple Dengue Virus Serotypes in Children, Brazil. Emerging Infectious Diseases, 2017, 23, 115-118.	4.3	18
117	The spatial and temporal scales of local dengue virus transmission in natural settings: a retrospective analysis. Parasites and Vectors, 2018, 11, 79.	2.5	18
118	Susceptibility of Vaccinia Virus to Chemical Disinfectants. American Journal of Tropical Medicine and Hygiene, 2011, 85, 152-157.	1.4	17
119	Absence of CCR5 increases neutrophil recruitment in severe herpetic encephalitis. BMC Neuroscience, 2013, 14, 19.	1.9	17
120	Neurological manifestations of pediatric arboviral infections in the Americas. Journal of Clinical Virology, 2019, 116, 49-57.	3.1	17
121	An Update on the Known Host Range of the Brazilian Vaccinia Virus: An Outbreak in Buffalo Calves. Frontiers in Microbiology, 2018, 9, 3327.	3.5	17
122	HIV-1 Detection and Subtyping by PCR and Heteroduplex Mobility Assay in Blood Donors: Can These Tests Help to Elucidate Conflicting Serological Results?. Transfusion Science, 1998, 19, 39-43.	0.6	16
123	The genome of cowpox virus contains a gene related to those encoding the epidermal growth factor, transforming growth factor alpha and vaccinia growth factor. Virus Genes, 1999, 18, 151-160.	1.6	16
124	Biological Activities of a Human Amniotic Membrane Interferon. Placenta, 1999, 20, 189-196.	1.5	16
125	Brazilian Vaccinia virus strains show genetic polymorphism at the ati gene. Virus Genes, 2007, 35, 531-539.	1.6	16
126	A tetravalent dengue nanoparticle stimulates antibody production in mice. Journal of Nanobiotechnology, 2012, 10, 13.	9.1	16

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127	Recombinant envelope protein-based enzyme immunoassay for IgG antibodies is comparable to neutralization tests for epidemiological studies of dengue infection. Journal of Virological Methods, 2013, 187, 114-120.	2.1	16
128	Modulation of the expression of mimivirus-encoded translation-related genes in response to nutrient availability during Acanthamoeba castellanii infection. Frontiers in Microbiology, 2015, 06, 539.	3.5	16
129	Acanthamoeba polyphaga Mimivirus Prevents Amoebal Encystment-Mediating Serine Proteinase Expression and Circumvents Cell Encystment. Journal of Virology, 2015, 89, 2962-2965.	3.4	16
130	Natural Vaccinia Virus Infection: Diagnosis, Isolation, and Characterization. Current Protocols in Microbiology, 2016, 42, 14A.5.1-14A.5.43.	6.5	16
131	Vaccinia Virus among Domestic Dogs and Wild Coatis, Brazil, 2013â€“2015. Emerging Infectious Diseases, 2018, 24, 2338-2342.	4.3	16
132	Equine infectious anemia virus in naturally infected horses from the Brazilian Pantanal. Archives of Virology, 2018, 163, 2385-2394.	2.1	16
133	Antibacterial activity of synthetic 1,3â€bis(aryloxy)propanâ€2â€amines against Gramâ€positive bacteria. MicrobiologyOpen, 2019, 8, e814.	3.0	16
134	First report of collapsing variant of focal segmental glomerulosclerosis triggered by arbovirus: dengue and Zika virus infection. CKJ: Clinical Kidney Journal, 2019, 12, 355-361.	2.9	16
135	Adverse Events Post Smallpox-Vaccination: Insights from Tail Scarification Infection in Mice with Vaccinia virus. PLoS ONE, 2011, 6, e18924.	2.5	16
136	Acanthamoeba polyphaga mimivirus Stability in Environmental and Clinical Substrates: Implications for Virus Detection and Isolation. PLoS ONE, 2014, 9, e87811.	2.5	16
137	Frequency of p12K and p12R Alleles of HTLV Type 1 in HAM/TSP Patients and in Asymptomatic HTLV Type 1 Carriers. AIDS Research and Human Retroviruses, 2002, 18, 899-902.	1.1	15
138	Identification of a phylogenetically distinct orthobunyavirus from group C. Archives of Virology, 2011, 156, 1173-1184.	2.1	15
139	Filling One More Gap: Experimental Evidence of Horizontal Transmission of Vaccinia Virus Between Bovines and Rodents. Vector-Borne and Zoonotic Diseases, 2012, 12, 61-64.	1.5	15
140	SP600125 inhibits Orthopoxviruses replication in a JNK1/2 -independent manner: Implication as a potential antipoxviral. Antiviral Research, 2012, 93, 69-77.	4.1	15
141	From Lesions to Viral Clones: Biological and Molecular Diversity amongst Autochthonous Brazilian Vaccinia Virus. Viruses, 2015, 7, 1218-1237.	3.3	15
142	Serro 2 Virus Highlights the Fundamental Genomic and Biological Features of a Natural Vaccinia Virus Infecting Humans. Viruses, 2016, 8, 328.	3.3	15
143	Detection of Vaccinia Virus in Urban Domestic Cats, Brazil. Emerging Infectious Diseases, 2017, 23, 360-362.	4.3	15
144	Using adult Aedes aegypti females to predict areas at risk for dengue transmission: A spatial case-control study. Acta Tropica, 2018, 182, 43-53.	2.0	15

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145	Climbing the steps of viral atomic force microscopy: visualization of Dengue virus particles. Journal of Microscopy, 2008, 231, 180-185.	1.8	14
146	Looking back: a genetic retrospective study of Brazilian Orf virus isolates. Veterinary Record, 2012, 171, 476-476.	0.3	14
147	Group 2 Vaccinia Virus, Brazil. Emerging Infectious Diseases, 2012, 18, 2035-2038.	4.3	14
148	Dengue virus surveillance: Detection of DENV-4 in the city of SÃ£o JosÃ© do Rio Preto, SP, Brazil. Acta Tropica, 2016, 164, 84-89.	2.0	14
149	Intrafamilial Transmission of Vaccinia virus during a Bovine Vaccinia Outbreak in Brazil: A New Insight in Viral Transmission Chain. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1021-1023.	1.4	13
150	Alternative Routes of Zoonotic Vaccinia Virus Transmission, Brazil. Emerging Infectious Diseases, 2015, 21, 2244-2246.	4.3	13
151	High positivity of mimivirus in inanimate surfaces of a hospital respiratory-isolation facility, Brazil. Journal of Clinical Virology, 2015, 66, 62-65.	3.1	13
152	Dengue outbreaks in Divinopolis, southâ€eastern Brazil and the geographic and climatic distribution of Aedes albopictus and Aedes aegypti in 2011â€“2012. Tropical Medicine and International Health, 2015, 20, 77-88.	2.3	13
153	Infection of the central nervous system with dengue virus 3 genotype I causing neurological manifestations in Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2016, 49, 125-129.	0.9	13
154	Wild-Type Yellow Fever Virus RNA in Cerebrospinal Fluid of Child. Emerging Infectious Diseases, 2019, 25, 1567-1570.	4.3	13
155	Heteroduplex mobility assay for rapid, sensitive and specific detection of mycobacteria. Diagnostic Microbiology and Infectious Disease, 2000, 36, 225-235.	1.8	12
156	Epidemiologia da poxvirose bovina no Estado do EspÃrito Santo, Brasil. Brazilian Journal of Veterinary Research and Animal Science, 2007, 44, 275.	0.2	12
157	Zoonotic vaccinia virus outbreaks in Brazil. Future Virology, 2011, 6, 697-707.	1.8	12
158	Amoebas as mimivirus bunkers: increased resistance to UV light, heat and chemical biocides when viruses are carried by amoeba hosts. Archives of Virology, 2014, 159, 1039-43.	2.1	12
159	Detection of Vaccinia Virus in Dairy Cattle Serum Samples from 2009, Uruguay. Emerging Infectious Diseases, 2016, 22, 2174-2177.	4.3	12
160	c-Jun integrates signals from both MEK/ERK and MKK/JNK pathways upon vaccinia virus infection. Archives of Virology, 2017, 162, 2971-2981.	2.1	12
161	Antidiarrheal activity of extracts from Maytenus gonoclada and inhibition of Dengue virus by lupeol. Anais Da Academia Brasileira De Ciencias, 2017, 89, 1555-1564.	0.8	12
162	Neuromyelitis optica spectrum disorder associated with Zika virus infection. Neurology: Clinical Practice, 2019, 9, e1-e3.	1.6	12

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163	Virtual screening of antibacterial compounds by similarity search of Enoyl-ACP reductase (FabI) inhibitors. Future Medicinal Chemistry, 2020, 12, 51-68.	2.3	12
164	Circulation of Chikungunya virus East-Central-South Africa genotype during an outbreak in 2016-17 in Piaui State, Northeast Brazil. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2019, 61, e57.	1.1	12
165	Late-Relapsing Hepatitis after Yellow Fever. Viruses, 2020, 12, 222.	3.3	12
166	Characterization of alpha-enolase as an interferon-alpha 2 alpha 1 regulated gene. Frontiers in Bioscience - Landmark, 2005, 10, 2534.	3.0	11
167	Clinical, hematological and biochemical parameters of dairy cows experimentally infected with Vaccinia virus. Research in Veterinary Science, 2013, 95, 752-757.	1.9	11
168	Differential upregulation of human 2â€²5â€²OASgenes on systemic sclerosis: Detection of increased basal levels ofOASLandOAS2 genes through a qPCR based assay. Autoimmunity, 2014, 47, 119-126.	2.6	11
169	Serological Evidence of Orthopoxvirus Circulation Among Equids, Southeast Brazil. Frontiers in Microbiology, 2018, 9, 402.	3.5	11
170	Detection and Molecular Characterization of Yellow Fever Virus, 2017, Brazil. EcoHealth, 2018, 15, 864-870.	2.0	11
171	Integrin alpha 11 is a novel type I interferon stimulated gene. Cytokine, 2006, 33, 352-361.	3.2	10
172	Basal Activation of Type I Interferons (Alpha2 and Beta) and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mn mathvariant="bold">2</mml:mn><mml:mo mathvariant="bold">â€²</mml:mo></mml:msup><mml:msup><mml:mn mathvariant="bold">5</mml:mn><mml:mo mathvariant="bold">â€²</mml:mo></mml:msup></mml:mrow></mml:math>OAS Genes: Insights into Differe	1.6	10
173	Recombinant envelope protein (rgp90) ELISA for equine infectious anemia virus provides comparable results to the agar gel immunodiffusion. Journal of Virological Methods, 2012, 180, 62-67.	2.1	10
174	Vaccinia Virus in Household Environment during Bovine Vaccinia Outbreak, Brazil. Emerging Infectious Diseases, 2013, 19, 2045-7.	4.3	10
175	Horizontal study of vaccinia virus infections in an endemic area: epidemiologic, phylogenetic and economic aspects. Archives of Virology, 2015, 160, 2703-2708.	2.1	10
176	Occurrence of Pseudocowpox virus associated to Bovine viral diarrhea virus-1, Brazilian Amazon. Comparative Immunology, Microbiology and Infectious Diseases, 2016, 49, 70-75.	1.6	10
177	Antiviral Activity of Fridericia formosa (Bureau) L. G. Lohmann (Bignoniaceae) Extracts and Constituents. Journal of Tropical Medicine, 2017, 2017, 1-11.	1.7	10
178	The small non-coding RNA response to virus infection in the Leishmania vector Lutzomyia longipalpis. PLoS Neglected Tropical Diseases, 2018, 12, e0006569.	3.0	10
179	Increased expression of 2â€²5â€²oligoadenylate synthetase and double-stranded RNA dependent protein kinase messenger RNAs on affected skin of systemic sclerosis patients. Archives of Dermatological Research, 2007, 299, 259-262.	1.9	9
180	Detection ofVaccinia Virusin Blood and Faeces of Experimentally Infected Cows. Transboundary and Emerging Diseases, 2013, 60, 552-555.	3.0	9

#	Article	IF	Citations
181	Outbreak of herpangina in the Brazilian Amazon in 2009 caused by Enterovirus B. Archives of Virology, 2014, 159, 1155-1157.	2.1	9
182	Growing a giant: Evaluation of the virological parameters for mimivirus production. Journal of Virological Methods, 2014, 207, 6-11.	2.1	9
183	Evaluating anti-Orthopoxvirus antibodies in individuals from Brazilian rural areas prior to the bovine vaccinia era. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 804-808.	1.6	9
184	Flaviviruses as agents of childhood central nervous system infections in Brazil. New Microbes and New Infections, 2019, 31, 100572.	1.6	9
185	Silent Circulation of the Saint Louis Encephalitis Virus among Humans and Equids, Southeast Brazil. Viruses, 2019, 11, 1029.	3.3	9
186	Virus and microbiota relationships in humans and other mammals: An evolutionary view. Human Microbiome Journal, 2019, 11, 100050.	3.8	9
187	Neuroinflammation is associated with reduced SOCS2 and SOCS3 expression during intracranial HSV-1 infection. Neuroscience Letters, 2020, 736, 135295.	2.1	9
188	Twenty Years after Bovine Vaccinia in Brazil: Where We Are and Where Are We Going?. Pathogens, 2021, 10, 406.	2.8	9
189	Mouse hepatitis virus: A betacoronavirus model to study the virucidal activity of air disinfection equipment on surface contamination. Journal of Virological Methods, 2021, 297, 114274.	2.1	9
190	Role of IL-4 in an experimental model of encephalitis induced by intracranial inoculation of herpes simplex virus-1 (HSV-1). Arquivos De Neuro-Psiquiatria, 2011, 69, 237-241.	0.8	8
191	Characterization of a New Vaccinia virus Isolate Reveals the C23L Gene as a Putative Genetic Marker for Autochthonous Group 1 Brazilian Vaccinia virus. PLoS ONE, 2012, 7, e50413.	2.5	8
192	Evaluation of tetravalent and conserved synthetic peptides vaccines derived from Dengue virus Envelope domain I and II. Virus Research, 2014, 188, 122-127.	2.2	8
193	Mimiviruses: Replication, Purification, and Quantification. Current Protocols in Microbiology, 2016, 41, 14G.1.1-14G.1.13.	6.5	8
194	Dairy production practices and associated risks for bovine vaccinia exposure in cattle, Brazil. New Microbes and New Infections, 2017, 20, 43-50.	1.6	8
195	Silent Orthohantavirus Circulation Among Humans and Small Mammals from Central Minas Gerais, Brazil. EcoHealth, 2018, 15, 577-589.	2.0	8
196	Culture of human amniotic cells: A system to study interferon production. Placenta, 1998, 19, 307-314.	1.5	7
197	PROTEIN DOMAINS INVOLVED IN NUCLEAR TRANSPORT OF FOS. Cell Biology International, 1999, 23, 81-88.	3.0	7
198	A-type inclusion bodies: a factor influencing cowpox virus lesion pathogenesis. Archives of Virology, 2011, 156, 617-628.	2.1	7

#	Article	IF	Citations
199	Immune Modulation in PrimaryVaccinia virusZoonotic Human Infections. Clinical and Developmental Immunology, 2012, 2012, 1-11.	3.3	7
200	Identification of Leptospira serovars by RFLP of the RNA polymerase beta subunit gene (rpoB). Brazilian Journal of Microbiology, 2015, 46, 465-476.	2.0	7
201	Platelet Activating Factor (PAF) Receptor Deletion or Antagonism Attenuates Severe HSV-1 Meningoencephalitis. Journal of NeuroImmune Pharmacology, 2016, 11, 613-621.	4.1	7
202	Suppressor of cytokine signaling 2 (SOCS2) contributes to encephalitis in a model of Herpes infection in mice. Brain Research Bulletin, 2016, 127, 164-170.	3.0	7
203	The detection of Vaccinia virus confirms the high circulation of Orthopoxvirus in buffaloes living in geographical isolation, MarajÃ³ Island, Brazilian Amazon. Comparative Immunology, Microbiology and Infectious Diseases, 2016, 46, 16-19.	1.6	7
204	Detection of Vaccinia virus during an outbreak of exanthemous oral lesions in Brazilian equids. Equine Veterinary Journal, 2017, 49, 221-224.	1.7	7
205	Ocular Vaccinia Infection in Dairy Worker, Brazil. Emerging Infectious Diseases, 2018, 24, 161-162.	4.3	7
206	Central and peripheral nervous system involvement in Zika virus infection in a child. Journal of NeuroVirology, 2019, 25, 893-896.	2.1	7
207	Flaviviruses as agents of childhood central nervous system infections in Brazil. New Microbes and New Infections, 2019, 30, 100539.	1.6	7
208	High Genomic Variability in Equine Infectious Anemia Virus Obtained from Naturally Infected Horses in Pantanal, Brazil: An Endemic Region Case. Viruses, 2020, 12, 207.	3.3	7
209	Diagnosis of Mucocutaneous Herpetic Infections by PCR without DNA Extraction. Memorias Do Instituto Oswaldo Cruz, 1998, 93, 213-214.	1.6	7
210	Caraparu virus (group C Orthobunyavirus): sequencing and phylogenetic analysis based on the conserved region 3 of the RNA polymerase gene. Virus Genes, 2007, 35, 681-684.	1.6	6
211	The Host Factor Early Growth Response Gene (EGR-1) Regulates Vaccinia virus Infectivity during Infection of Starved Mouse Cells. Viruses, 2018, 10, 140.	3.3	6
212	Yellow Fever Virus Genotyping Tool and Investigation of Suspected Adverse Events Following Yellow Fever Vaccination. Vaccines, 2019, 7, 206.	4.4	6
213	Fluorescent quantum dots-zika virus hybrid nanoconjugates for biolabeling, bioimaging, and tracking host-cell interactions. Materials Letters, 2020, 277, 128279.	2.6	6
214	Equine Infectious Anemia Virus (EIAV): Evidence of Circulation in Donkeys from the Brazilian Northeast Region. Journal of Equine Veterinary Science, 2022, 108, 103795.	0.9	6
215	Antigenic Characterization of Human Interferon Derived from Amniotic Membranes Induced by Virus. Journal of Interferon Research, 1989, 9, 573-581.	1.2	5
216	The low proliferation rates of human amniotic cells are neither associated to deregulated proto-oncogenes' expression nor to the effect of IFNÎ±2. Placenta, 1997, 18, 163-168.	1.5	5

#	Article	IF	Citations
217	Sequence and phylogenetic analysis of the large (L) segment of the Tahyna virus genome. Virus Genes, 2008, 36, 435-437.	1.6	5
218	Serologic Evidence of Orthopoxvirus Infection in Buffaloes, Brazil. Emerging Infectious Diseases, 2011, 18, 698-700.	4.3	5
219	Microbiota is an essential element for mice to initiate a protective immunity againstVaccinia virus. FEMS Microbiology Ecology, 2016, 92, fiv147.	2.7	5
220	Evidence of Apeu Virus Infection in Wild Monkeys, Brazilian Amazon. American Journal of Tropical Medicine and Hygiene, 2016, 94, 494-496.	1.4	5
221	Circulation of Vaccinia virus in Southern and Southeastern wildlife, Brazil. Transboundary and Emerging Diseases, 2020, 67, 1781.	3.0	5
222	Why Did ZIKV Perinatal Outcomes Differ in Distinct Regions of Brazil? An Exploratory Study of Two Cohorts. Viruses, 2021, 13, 736.	3.3	5
223	Comparison of virus isolation and various polymerase chain reaction methods in the diagnosis of mucocutaneous herpesvirus infection. Acta Virologica, 2000, 44, 61-5.	0.8	5
224	PCR-BASED DIAGNOSIS OF A CASE OF HERPETIC WHITLOW IN AN AIDS PATIENT. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1998, 40, 317-319.	1.1	4
225	Mycobacteria mobility shift assay: a method for the rapid identification of Mycobacterium tuberculosis and nontuberculous mycobacteria. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 356-361.	1.6	4
226	Cross-sectional study involving healthcare professionals in a Vaccinia virus endemic area. Vaccine, 2017, 35, 3281-3285.	3.8	4
227	Daily ingestion of the probiotic Lactobacillus paracasei ST11 decreases Vaccinia virus dissemination and lethality in a mouse model. Beneficial Microbes, 2017, 8, 73-80.	2.4	4
228	Detection of mimivirus genome and neutralizing antibodies in humans from Brazil. Archives of Virology, 2017, 162, 3205-3207.	2.1	4
229	In vitro susceptibility to ST-246 and Cidofovir corroborates the phylogenetic separation of Brazilian Vaccinia virus into two clades. Antiviral Research, 2018, 152, 36-44.	4.1	4
230	A Model to Detect Autochthonous Group 1 and 2 Brazilian Vaccinia virus Coinfections: Development of a qPCR Tool for Diagnosis and Pathogenesis Studies. Viruses, 2018, 10, 15.	3.3	4
231	The interplay between AraÃ§atuba virus and host signaling pathways: role of PI3K/Akt in viral replication. Archives of Virology, 2011, 156, 1775-1785.	2.1	3
232	Vaccinia virus dissemination requires p21-activated kinase 1. Archives of Virology, 2016, 161, 2991-3002.	2.1	3
233	Absence of vaccinia virus detection in a remote region of the Northern Amazon forests, 2005-2015. Archives of Virology, 2017, 162, 2369-2373.	2.1	3
234	Absence of YF-neutralizing antibodies in vulnerable populations of Brazil: A warning for epidemiological surveillance and the potential risks for future outbreaks. Vaccine, 2020, 38, 6592-6599.	3.8	3

#	Article	IF	Citations
235	Identification of large genetic variations in the equine infectious anemia virus tat â€•gag genomic region. Transboundary and Emerging Diseases, 2020, 68, 3424-3432.	3.0	3
236	Design and production of dengue virus chimeric proteins useful for developing tetravalent vaccines. Vaccine, 2020, 38, 2005-2015.	3.8	3
237	Dengue virus 3 genotype I shows natural changes in heparan sulphate binding sites, cell interactions, and neurovirulence in a mouse model. Journal of General Virology, 2021, 102, .	2.9	3
238	Genetic variability of HIV-1 isolates from Minas Gerais, Brazil. Revista De Microbiologia, 1999, 30, 141-143.	0.1	2
239	A rapid polymerase chain reaction protocol to detect adenovirus in eye swabs. Arquivos Brasileiros De Oftalmologia, 2004, 67, 423-427.	0.5	2
240	Vaccinia virus regulates expression of p21WAF1/Cip1 in A431 cells. Memorias Do Instituto Oswaldo Cruz, 2010, 105, 269-277.	1.6	2
241	Molecular detection and phylogeny of bovine viral diarrhea virus 1 among cattle herds from Northeast, Southeast, and Midwest regions, Brazil. Brazilian Journal of Microbiology, 2019, 50, 571-577.	2.0	2
242	Exposure of freeâ€ranging capybaras (Hydrochoerus hydrochaeris) to the vaccinia virus. Transboundary and Emerging Diseases, 2020, 67, 481-485.	3.0	2
243	Risk factors for neurological complications in children with Flavivirus infection. Journal of NeuroVirology, 2021, 27, 609-615.	2.1	2
244	Neurologic Manifestations of Noncongenital Zika Virus in Children. Journal of Pediatrics, 2021, 237, 298-301.e1.	1.8	2
245	RAP1 GTPase Overexpression is Associated with Cervical Intraepithelial Neoplasia. PLoS ONE, 2015, 10, e0123531.	2.5	2
246	Children with sickle cell disease and severe COVIDâ€19 presenting single nucleotide polymorphisms in innate immune response genes â€“ A case report. EJHaem, 2022, 3, 199-202.	1.0	2
247	Protease nexin-1 messenger RNA levels are not affected by serum or interferon beta in cultured systemic sclerosis fibroblasts. Archives of Dermatological Research, 2002, 293, 584-589.	1.9	1
248	Study of Vaccinia and Cowpox viruses' replication in Rac1-N17 dominant-negative cells. Memorias Do Instituto Oswaldo Cruz, 2013, 108, 554-562.	1.6	1
249	Could hantavirus circulation superpose areas of highly endemic vaccinia virus outbreaks? A retrospective seroepidemiological study in State of Minas Gerais. Revista Da Sociedade Brasileira De Medicina Tropical, 2014, 47, 778-782.	0.9	1
250	First fatal case of CNS infection caused by Enterovirus A in Brazil. New Microbes and New Infections, 2015, 7, 94-96.	1.6	1
251	Neurotropic Dengue Virus Infections. , 2016, , 259-272.		1
252	Educational Approach to Prevent the Burden of Vaccinia Virus Infections in a Bovine Vaccinia Endemic Area in Brazil. Pathogens, 2021, 10, 511.	2.8	1

#	Article	IF	Citations
253	The impact of viral infections on childhood central nervous system infections. Journal of Clinical Virology, 2021, 140, 104853.	3.1	1
254	Neurological manifestations due to dengue virus infection in children: clinical follow-up. Pathogens and Global Health, 2021, 115, 476-482.	2.3	1
255	Virological Surveillance of Aedes aegypti Vectors Identifies All Four Dengue Serotypes in a Hyperendemic Region. EcoHealth, 2022, , 1.	2.0	1
256	Recovering cDNA bands from differential display RT-PCR gels using a transparency film mask. Molecular Biotechnology, 1999, 11, 195-197.	2.4	0
257	Zika and impact on the nervous system in children. , 2021, , 75-83.		0
258	Bovine Vaccinia Outbreaks: Detection and Isolation of Vaccinia Virus in Milk Samples. Foodborne Pathogens and Disease, 0, , 110306131211089.	1.8	0
259	Absence of yellow fever virus circulation in wildlife rodents from Brazil. Brazilian Journal of Microbiology, 2022, , 1.	2.0	0
260	Partial characterization of human amniotic membrane interferon. Brazilian Journal of Medical and Biological Research, 1991, 24, 21-7.	1.5	0
261	Distinct antigenic subtypes of human beta interferon can be distinguished by neutralization. Brazilian Journal of Medical and Biological Research, 1996, 29, 1317-20.	1.5	0