Erna G Kroon

List of Publications by Citations

260 papers	5,247 citations	38 h-index	57 g-index
266 ext. papers	6,298 ext. citations	5.1 avg, IF	5.14 L-index

#	Paper	IF	Citations
260	Genomic and epidemiological monitoring of yellow fever virus transmission potential. *Science*, **2018**, 361, 894-899	33.3	184
259	Interferons: signaling, antiviral and viral evasion. *Immunology Letters*, **2009**, 122, 1-11	4.1	141
258	Tailed giant Tupanvirus possesses the most complete translational apparatus of the known virosphere. *Nature Communications*, **2018**, 9, 749	17.4	136
257	Araçatuba virus: a vaccinialike virus associated with infection in humans and cattle. *Emerging Infectious Diseases*, **2003**, 9, 155-60	10.2	115
256	The vaccinia virus-stimulated mitogen-activated protein kinase (MAPK) pathway is required for virus multiplication. *Biochemical Journal*, **2004**, 381, 437-46	3.8	110
255	Brazilian vaccinia viruses and their origins. *Emerging Infectious Diseases*, **2007**, 13, 965-72	10.2	100
254	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, 14138-43	11.5	95
253	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, 6883-99	6.6	88
252	Passatempo virus, a vaccinia virus strain, Brazil. *Emerging Infectious Diseases*, **2005**, 11, 1935-8	10.2	88
251	A mitogenic signal triggered at an early stage of vaccinia virus infection: implication of MEK/ERK and protein kinase A in virus multiplication. *Journal of Biological Chemistry*, **2001**, 276, 38353-60	5.4	83
250	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	3.2	82
249	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	3.7	81
248	Lethal encephalitis in myeloid differentiation factor 88-deficient mice infected with herpes simplex virus 1. *American Journal of Pathology*, **2005**, 166, 1419-26	5.8	74
247	Sequence-independent characterization of viruses based on the pattern of viral small RNAs produced by the host. *Nucleic Acids Research*, **2015**, 43, 6191-206	20.1	72
246	Samba virus: a novel mimivirus from a giant rain forest, the Brazilian Amazon. *Virology Journal*, **2014**, 11, 95	6.1	70
245	Morphological and molecular characterization of the poxvirus BeAn 58058. *Archives of Virology*, **1998**, 143, 1171-86	2.6	67
244	Diversity and bioprospection of fungal community present in oligotrophic soil of continental Antarctica. *Extremophiles*, **2015**, 19, 585-96	3	66

243	Zoonotic Brazilian Vaccinia virus: from field to therapy. *Antiviral Research*, **2011**, 92, 150-63	10.8	63
242	Natural human infections with Vaccinia virus during bovine vaccinia outbreaks. *Journal of Clinical Virology*, **2009**, 44, 308-13	14.5	63
241	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, 2433-45	5.8	62
240	The Large Marseillevirus Explores Different Entry Pathways by Forming Giant Infectious Vesicles. *Journal of Virology*, **2016**, 90, 5246-55	6.6	56
239	Characterization of a vaccinia-like virus isolated in a Brazilian forest. *Journal of General Virology*, **2002**, 83, 223-228	4.9	51
238	Fungi associated with rocks of the Atacama Desert: taxonomy, distribution, diversity, ecology and bioprospection for bioactive compounds. *Environmental Microbiology*, **2016**, 18, 232-45	5.2	50
237	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, 408-20	2.2	50
236	Characterization of main cytokine sources from the innate and adaptive immune responses following primary 17DD yellow fever vaccination in adults. *Vaccine*, **2011**, 29, 583-92	4.1	49
235	Intracerebral infection with dengue-3 virus induces meningoencephalitis and behavioral changes that precede lethality in mice. *Journal of Neuroinflammation*, **2011**, 8, 23	10.1	46
234	Zoonotic vaccinia virus infection in Brazil: clinical description and implications for health professionals. *Journal of Clinical Microbiology*, **2007**, 45, 1370-2	9.7	45
233	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	4.8	44
232	Evidence of natural Zika virus infection in neotropical non-human primates in Brazil. *Scientific Reports*, **2018**, 8, 16034	4.9	43
231	Vaccinia virus infection in monkeys, Brazilian Amazon. *Emerging Infectious Diseases*, **2010**, 16, 976-9	10.2	42
230	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	3.2	42
229	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	9.4	41
228	Assessing the variability of Brazilian Vaccinia virus isolates from a horse exanthematic lesion: coinfection with distinct viruses. *Archives of Virology*, **2011**, 156, 275-83	2.6	41
227	Dengue virus 3 genotype 1 associated with dengue fever and dengue hemorrhagic fever, Brazil. *Emerging Infectious Diseases*, **2008**, 14, 314-6	10.2	41
226	Plasminogen/plasmin regulates alpha-enolase expression through the MEK/ERK pathway. *Biochemical and Biophysical Research Communications*, **2005**, 337, 1065-71	3.4	41

225	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	3.3	40
224	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, 256-63	6.5	39
223	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	6.2	39
222	Outbreak of severe zoonotic vaccinia virus infection, Southeastern Brazil. *Emerging Infectious Diseases*, **2015**, 21, 695-8	10.2	37
221	Dengue virus 3 genotype I in Aedes aegypti mosquitoes and eggs, Brazil, 2005-2006. *Emerging Infectious Diseases*, **2010**, 16, 989-92	10.2	37
220	Brazilian Vaccinia virus strains are genetically divergent and differ from the Lister vaccine strain. *Microbes and Infection*, **2008**, 10, 185-97	9.3	37
219	Human Vaccinia virus and Pseudocowpox virus co-infection: clinical description and phylogenetic characterization. *Journal of Clinical Virology*, **2010**, 48, 69-72	14.5	36
218	Mimivirus Fibrils Are Important for Viral Attachment to the Microbial World by a Diverse Glycoside Interaction Repertoire. *Journal of Virology*, **2015**, 89, 11812-9	6.6	35
217	Acanthamoeba polyphaga mimivirus and other giant viruses: an open field to outstanding discoveries. *Virology Journal*, **2014**, 11, 120	6.1	35
216	Virulence in murine model shows the existence of two distinct populations of Brazilian Vaccinia virus strains. *PLoS ONE*, **2008**, 3, e3043	3.7	35
215	MEK/ERK activation plays a decisive role in yellow fever virus replication: implication as an antiviral therapeutic target. *Antiviral Research*, **2014**, 111, 82-92	10.8	34
214	Detection and phylogenetic analysis of Orf virus from sheep in Brazil: a case report. *Virology Journal*, **2009**, 6, 47	6.1	34
213	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, 659-61	3.3	34
212	Zoonotic vaccinia virus: clinical and immunological characteristics in a naturally infected patient. *Clinical Infectious Diseases*, **2009**, 48, e37-40	11.6	33
211	Oysters as hot spots for mimivirus isolation. *Archives of Virology*, **2015**, 160, 477-82	2.6	32
210	Plasminogen/plasmin regulates c-fos and egr-1 expression via the MEK/ERK pathway. *Biochemical and Biophysical Research Communications*, **2005**, 329, 237-45	3.4	32
209	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, 602-7	2.9	30
208	Bovine vaccinia outbreaks: detection and isolation of vaccinia virus in milk samples. *Foodborne Pathogens and Disease*, **2009**, 6, 1141-6	3.8	30

207	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	2.6	30
206	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	4.9	30
205	Nested-multiplex PCR detection of Orthopoxvirus and Parapoxvirus directly from exanthematic clinical samples. *Virology Journal*, **2009**, 6, 140	6.1	29
204	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, 1173-84	4.1	29
203	Vaccinia virus zoonotic infection, SÃ Paulo State, Brazil. *Emerging Infectious Diseases*, **2012**, 18, 189-91	10.2	28
202	Differential role played by the MEK/ERK/EGR-1 pathway in orthopoxviruses vaccinia and cowpox biology. *Biochemical Journal*, **2006**, 398, 83-95	3.8	27
201	Rapid detection of Orthopoxvirus by semi-nested PCR directly from clinical specimens: a useful alternative for routine laboratories. *Journal of Medical Virology*, **2010**, 82, 692-9	19.7	26
200	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	6.1	25
199	Bovine vaccinia, a systemic infection: evidence of fecal shedding, viremia and detection in lymphoid organs. *Veterinary Microbiology*, **2013**, 162, 103-11	3.3	25
198	Detection of herpesvirus DNA by the polymerase chain reaction (PCR) in vitreous samples from patients with necrotising retinitis. *Journal of Clinical Pathology*, **2001**, 54, 103-6	3.9	25
197	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	10.1	24
196	Vaccinia virus: shedding and horizontal transmission in a murine model. *Journal of General Virology*, **2008**, 89, 2986-2991	4.9	24
195	Ubiquitous giants: a plethora of giant viruses found in Brazil and Antarctica. *Virology Journal*, **2018**, 15, 22	6.1	23
194	Filling Knowledge Gaps for Mimivirus Entry, Uncoating, and Morphogenesis. *Journal of Virology*, **2017**, 91,	6.6	23
193	Chemistry and Antiviral Activity of Arrabidaea pulchra (Bignoniaceae). *Molecules*, **2013**, 18, 9919-32	4.8	23
192	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, 103-5	1.5	23
191	Long-lasting stability of Vaccinia virus strains in murine feces: implications for virus circulation and environmental maintenance. *Archives of Virology*, **2009**, 154, 1551-3	2.6	23
190	Interferons and scleroderma-a new clue to understanding the pathogenesis of scleroderma?. *Immunology Letters*, **2008**, 118, 110-5	4.1	23

189	Nitric oxide synthase expression correlates with death in an experimental mouse model of dengue with CNS involvement. *Virology Journal*, **2013**, 10, 267	6.1	22
188	Pan-Genome Analysis of Brazilian Lineage A Amoebal Mimiviruses. *Viruses*, **2015**, 7, 3483-99	6.2	22
187	Seroprevalence of orthopoxvirus in an Amazonian rural village, Acre, Brazil. *Archives of Virology*, **2010**, 155, 1139-44	2.6	22
186	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	10.2	22
185	Vaccinia Virus Natural Infections in Brazil: The Good, the Bad, and the Ugly. *Viruses*, **2017**, 9,	6.2	21
184	A vaccinia virus-driven interplay between the MKK4/7-JNK1/2 pathway and cytoskeleton reorganization. *Journal of Virology*, **2012**, 86, 172-84	6.6	21
183	Mimivirus circulation among wild and domestic mammals, Amazon Region, Brazil. *Emerging Infectious Diseases*, **2014**, 20, 469-72	10.2	21
182	Cedratvirus getuliensis replication cycle: an in-depth morphological analysis. *Scientific Reports*, **2018** , 8, 4000	4.9	20
181	TNFR1 plays a critical role in the control of severe HSV-1 encephalitis. *Neuroscience Letters*, **2010**, 479, 58-62	3.3	20
180	Dengue virus 3 clinical isolates show different patterns of virulence in experimental mice infection. *Microbes and Infection*, **2010**, 12, 546-54	9.3	20
179	Antiviral activity of type I interferons and interleukins 29 and 28a (type III interferons) against Apeu virus. *Antiviral Research*, **2008**, 80, 302-8	10.8	20
178	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, 1605-12	2.8	20
177	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	2.3	20
176	Niemeyer Virus: A New Mimivirus Group A Isolate Harboring a Set of Duplicated Aminoacyl-tRNA Synthetase Genes. *Frontiers in Microbiology*, **2015**, 6, 1256	5.7	19
175	Group 1 Vaccinia virus zoonotic outbreak in Maranhao State, Brazil. *American Journal of Tropical Medicine and Hygiene*, **2013**, 89, 1142-5	3.2	19
174	Re-Emergence of Yellow Fever in Brazil during 2016-2019: Challenges, Lessons Learned, and Perspectives. *Viruses*, **2020**, 12,	6.2	18
173	Serologic and Molecular Evidence of Vaccinia Virus Circulation among Small Mammals from Different Biomes, Brazil. *Emerging Infectious Diseases*, **2017**, 23, 931-938	10.2	18
172	Multifocal cutaneous ORF virus infection in goats in the Amazon region, Brazil. *Vector-Borne and Zoonotic Diseases*, **2012**, 12, 336-40	2.4	18

171	A resourceful giant: APMV is able to interfere with the human type I interferon system. *Microbes and Infection*, **2014**, 16, 187-95	9.3	17
170	Dengue-3 encephalitis promotes anxiety-like behavior in mice. *Behavioural Brain Research*, **2012**, 230, 237-42	3.4	17
169	Virucidal activity of chemical biocides against mimivirus, a putative pneumonia agent. *Journal of Clinical Virology*, **2012**, 55, 323-8	14.5	17
168	Reemergence of vaccinia virus during Zoonotic outbreak, Par□State, Brazil. *Emerging Infectious Diseases*, **2013**, 19, 2017-20	10.2	17
167	Use of atomic force microscopy as a diagnostic tool to identify orthopoxvirus. *Journal of Virological Methods*, **2007**, 141, 198-204	2.6	17
166	Giants among larges: how gigantism impacts giant virus entry into amoebae. *Current Opinion in Microbiology*, **2016**, 31, 88-93	7.9	17
165	Promoter Motifs in NCLDVs: An Evolutionary Perspective. *Viruses*, **2017**, 9,	6.2	16
164	The dengue virus nonstructural protein 1 (NS1) increases NF-B transcriptional activity in HepG2 cells. *Archives of Virology*, **2011**, 156, 1275-9	2.6	16
163	Antiviral activity of Bignoniaceae species occurring in the State of Minas Gerais (Brazil): part 1. *Letters in Applied Microbiology*, **2010**, 51, 469-76	2.9	16
162	Antiviral activity of Solanum paniculatum extract and constituents. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2009**, 64, 813-8	1.7	16
161	Spatial-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, 1080-4	3.2	15
160	Spread of vaccinia virus to cattle herds, Argentina, 2011. *Emerging Infectious Diseases*, **2014**, 20, 1576-8	10.2	15
159	Identification of a phylogenetically distinct orthobunyavirus from group C. *Archives of Virology*, **2011**, 156, 1173-84	2.6	15
158	Vaccinia virus is not inactivated after thermal treatment and cheese production using experimentally contaminated milk. *Foodborne Pathogens and Disease*, **2010**, 7, 1491-6	3.8	15
157	Antimicrobial, antiviral and cytotoxic activity of extracts and constituents from Polygonum spectabile Mart. *Phytomedicine*, **2010**, 17, 926-9	6.5	15
156	Brazilian Vaccinia virus strains show genetic polymorphism at the ati gene. *Virus Genes*, **2007**, 35, 531-9	2.3	15
155	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		15
154	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, 151-60	2.3	15

153	Neurological manifestations of pediatric arboviral infections in the Americas. *Journal of Clinical Virology*, **2019**, 116, 49-57	14.5	14
152	From lesions to viral clones: biological and molecular diversity amongst autochthonous Brazilian vaccinia virus. *Viruses*, **2015**, 7, 1218-37	6.2	14
151	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, 114-20	2.6	14
150	Molecular evidence of Orthopoxvirus DNA in capybara (Hydrochoerus hydrochaeris) stool samples. *Archives of Virology*, **2017**, 162, 439-448	2.6	14
149	Mass trapping with MosquiTRAPs does not reduce Aedes aegypti abundance. *Memorias Do Instituto Oswaldo Cruz*, **2015**, 110, 517-27	2.6	14
148	Filling one more gap: experimental evidence of horizontal transmission of Vaccinia virus between bovines and rodents. *Vector-Borne and Zoonotic Diseases*, **2012**, 12, 61-4	2.4	14
147	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	1.6	14
146	Adverse events post smallpox-vaccination: insights from tail scarification infection in mice with Vaccinia virus. *PLoS ONE*, **2011**, 6, e18924	3.7	14
145	Acanthamoeba polyphaga mimivirus stability in environmental and clinical substrates: implications for virus detection and isolation. *PLoS ONE*, **2014**, 9, e87811	3.7	14
144	Dengue virus 2 American-Asian genotype identified during the 2006/2007 outbreak in Piau□Brazil reveals a Caribbean route of introduction and dissemination of dengue virus in Brazil. *PLoS ONE*, **2014**, 9, e104516	3.7	14
143	Here, There, and Everywhere: The Wide Host Range and Geographic Distribution of Zoonotic Orthopoxviruses. *Viruses*, **2020**, 13,	6.2	14
142	Tupanvirus-infected amoebas are induced to aggregate with uninfected cells promoting viral dissemination. *Scientific Reports*, **2019**, 9, 183	4.9	13
141	High positivity of mimivirus in inanimate surfaces of a hospital respiratory-isolation facility, Brazil. *Journal of Clinical Virology*, **2015**, 66, 62-5	14.5	13
140	The spatial and temporal scales of local dengue virus transmission in natural settings: a retrospective analysis. *Parasites and Vectors*, **2018**, 11, 79	4	13
139	Absence of CCR5 increases neutrophil recruitment in severe herpetic encephalitis. *BMC Neuroscience*, **2013**, 14, 19	3.2	13
138	Group 2 vaccinia virus, Brazil. *Emerging Infectious Diseases*, **2012**, 18, 2035-8	10.2	13
137	Biological activities of a human amniotic membrane interferon. *Placenta*, **1999**, 20, 189-96	3.4	13
136	Serro 2 Virus Highlights the Fundamental Genomic and Biological Features of a Natural Vaccinia Virus Infecting Humans. *Viruses*, **2016**, 8,	6.2	13

135	Using adult Aedes aegypti females to predict areas at risk for dengue transmission: A spatial case-control study. *Acta Tropica*, **2018**, 182, 43-53	3.2	12
134	Natural Vaccinia Virus Infection: Diagnosis, Isolation, and Characterization. *Current Protocols in Microbiology*, **2016**, 42, 14A.5.1-14A.5.43	7.1	12
133	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	2	12
132	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	3.2	11
131	c-Jun integrates signals from both MEK/ERK and MKK/JNK pathways upon vaccinia virus infection. *Archives of Virology*, **2017**, 162, 2971-2981	2.6	11
130	Dengue outbreaks in Divinopolis, south-eastern Brazil and the geographic and climatic distribution of Aedes albopictus and Aedes aegypti in 2011-2012. *Tropical Medicine and International Health*, **2015**, 20, 77-88	2.3	11
129	Detection and Molecular Characterization of Yellow Fever Virus, 2017, Brazil. *EcoHealth*, **2018**, 15, 864-870	3.1	11
128	Microscopic Analysis of the Cycle in. *Frontiers in Microbiology*, **2019**, 10, 671	5.7	11
127	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, 1021-3	3.2	11
126	Clinical, hematological and biochemical parameters of dairy cows experimentally infected with Vaccinia virus. *Research in Veterinary Science*, **2013**, 95, 752-7	2.5	11
125	Modulation of the expression of mimivirus-encoded translation-related genes in response to nutrient availability during Acanthamoeba castellanii infection. *Frontiers in Microbiology*, **2015**, 6, 539	5.7	11
124	A tetravalent dengue nanoparticle stimulates antibody production in mice. *Journal of Nanobiotechnology*, **2012**, 10, 13	9.4	11
123	Zoonotic vaccinia virus outbreaks in Brazil. *Future Virology*, **2011**, 6, 697-707	2.4	11
122	Climbing the steps of viral atomic force microscopy: visualization of Dengue virus particles. *Journal of Microscopy*, **2008**, 231, 180-5	1.9	11
121	Characterization of alpha-enolase as an interferon-alpha 2 alpha 1 regulated gene. *Frontiers in Bioscience - Landmark*, **2005**, 10, 2534-47	2.8	11
120	Seroprevalence of Orthopoxvirus in rural Brazil: insights into anti-OPV immunity status and its implications for emergent zoonotic OPV. *Virology Journal*, **2016**, 13, 121	6.1	11
119	Dengue virus surveillance: Detection of DENV-4 in the city of São José do Rio Preto, SP, Brazil. *Acta Tropica*, **2016**, 164, 84-89	3.2	11
118	Meningitis Associated with Simultaneous Infection by Multiple Dengue Virus Serotypes in Children, Brazil. *Emerging Infectious Diseases*, **2017**, 23, 115-118	10.2	10

117	Susceptibility of Vaccinia virus to chemical disinfectants. *American Journal of Tropical Medicine and Hygiene*, **2011**, 85, 152-7	3.2	10
116	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	4.8	10
115	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, 125-9	1.5	10
114	Occurrence of Pseudocowpox virus associated to Bovine viral diarrhea virus-1, Brazilian Amazon. *Comparative Immunology, Microbiology and Infectious Diseases*, **2016**, 49, 70-75	2.6	10
113	Neuromyelitis optica spectrum disorder associated with Zika virus infection. *Neurology: Clinical Practice*, **2019**, 9, e1-e3	1.7	10
112	Equine infectious anemia virus in naturally infected horses from the Brazilian Pantanal. *Archives of Virology*, **2018**, 163, 2385-2394	2.6	10
111	Trapping the Enemy: Circumvents Faustovirus Mariensis Dissemination by Enclosing Viral Progeny inside Cysts. *Journal of Virology*, **2019**, 93,	6.6	9
110	Antibacterial activity of synthetic 1,3-bis(aryloxy)propan-2-amines against Gram-positive bacteria. *MicrobiologyOpen*, **2019**, 8, e814	3.4	9
109	An Update on the Known Host Range of the Brazilian Vaccinia Virus: An Outbreak in Buffalo Calves. *Frontiers in Microbiology*, **2018**, 9, 3327	5.7	9
108	Detection of Vaccinia Virus in Urban Domestic Cats, Brazil. *Emerging Infectious Diseases*, **2017**, 23, 360-362	10.2	9
107	Wild-Type Yellow Fever Virus RNA in Cerebrospinal Fluid of Child. *Emerging Infectious Diseases*, **2019**, 25, 1567-1570	10.2	9
106	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	2.6	9
105	Acanthamoeba polyphaga mimivirus prevents amoebal encystment-mediating serine proteinase expression and circumvents cell encystment. *Journal of Virology*, **2015**, 89, 2962-5	6.6	9
104	Outbreak of herpangina in the Brazilian Amazon in 2009 caused by Enterovirus B. *Archives of Virology*, **2014**, 159, 1155-7	2.6	9
103	SP600125 inhibits Orthopoxviruses replication in a JNK1/2 -independent manner: Implication as a potential antipoxviral. *Antiviral Research*, **2012**, 93, 69-77	10.8	9
102	Epidemiologia da poxvirose bovina no Estado do Espírito Santo, Brasil. *Brazilian Journal of Veterinary Research and Animal Science*, **2007**, 44, 275	0.3	9
101	Heteroduplex mobility assay for rapid, sensitive and specific detection of mycobacteria. *Diagnostic Microbiology and Infectious Disease*, **2000**, 36, 225-35	2.9	9
100	Detection of Vaccinia Virus in Dairy Cattle Serum Samples from 2009, Uruguay. *Emerging Infectious Diseases*, **2016**, 22, 2174-2177	10.2	9

99	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	4.5	9
98	Horizontal study of vaccinia virus infections in an endemic area: epidemiologic, phylogenetic and economic aspects. *Archives of Virology*, **2015**, 160, 2703-8	2.6	8
97	Growing a giant: evaluation of the virological parameters for mimivirus production. *Journal of Virological Methods*, **2014**, 207, 6-11	2.6	8
96	Evaluation of tetravalent and conserved synthetic peptides vaccines derived from Dengue virus Envelope domain I and II. *Virus Research*, **2014**, 188, 122-7	6.4	8
95	Recombinant envelope protein (rgp90) ELISA for equine infectious anemia virus provides comparable results to the agar gel immunodiffusion. *Journal of Virological Methods*, **2012**, 180, 62-7	2.6	8
94	The Investigation of Promoter Sequences of Marseilleviruses Highlights a Remarkable Abundance of the AAATATTT Motif in Intergenic Regions. *Journal of Virology*, **2017**, 91,	6.6	8
93	Alternative Routes of Zoonotic Vaccinia Virus Transmission, Brazil. *Emerging Infectious Diseases*, **2015**, 21, 2244-6	10.2	8
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