

Alejandro Brun

List of Publications by Year in descending order

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73
papers

2,464
citations

172457

29
h-index

214800

47
g-index

77
all docs

77
docs citations

77
times ranked

2485
citing authors

#	ARTICLE	IF	CITATIONS
1	The African Swine Fever Virus Proteins p54 and p30 Are Involved in Two Distinct Steps of Virus Attachment and Both Contribute to the Antibody-Mediated Protective Immune Response. <i>Virology</i> , 1998, 243, 461-471.	2.4	175
2	Early detection of PrP ^{res} in BSE-infected bovine PrP transgenic mice. <i>Archives of Virology</i> , 2003, 148, 677-691.	2.1	119
3	African Swine Fever Virus Gene A179L, a Viral Homologue of bcl-2, Protects Cells from Programmed Cell Death. <i>Virology</i> , 1996, 225, 227-230.	2.4	110
4	Characterization of P30, a highly antigenic membrane and secreted protein of African Swine Fever Virus. <i>Virology</i> , 1992, 189, 368-373.	2.4	101
5	Rift Valley Fever: Recent Insights into Pathogenesis and Prevention. <i>Journal of Virology</i> , 2011, 85, 6098-6105.	3.4	101
6	Potential application of silver nanoparticles to control the infectivity of Rift Valley fever virus in vitro and in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1185-1192.	3.3	100
7	Chimpanzee Adenovirus Vaccine Provides Multispecies Protection against Rift Valley Fever. <i>Scientific Reports</i> , 2016, 6, 20617.	3.3	98
8	An African Swine Fever Virus Gene with Similarity to the T-Lymphocyte Surface Antigen CD2 Mediates Hemadsorption. <i>Virology</i> , 1994, 199, 463-468.	2.4	80
9	Immunization with DNA Plasmids Coding for Crimean-Congo Hemorrhagic Fever Virus Capsid and Envelope Proteins and/or Virus-Like Particles Induces Protection and Survival in Challenged Mice. <i>Journal of Virology</i> , 2017, 91, .	3.4	73
10	High-yield expression of a viral peptide vaccine in transgenic plants. <i>FEBS Letters</i> , 2001, 488, 13-17.	2.8	66
11	Protection against lethal Rift Valley fever virus (RVFV) infection in transgenic IFNAR ^{−/−} mice induced by different DNA vaccination regimens. <i>Vaccine</i> , 2010, 28, 2937-2944.	3.8	66
12	Current strategies for subunit and genetic viral veterinary vaccine development. <i>Virus Research</i> , 2011, 157, 1-12.	2.2	63
13	Antigen delivery systems for veterinary vaccine development. <i>Vaccine</i> , 2008, 26, 6508-6528.	3.8	60
14	Experimental Infection of Young Adult European Breed Sheep with Rift Valley Fever Virus Field Isolates. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 689-696.	1.5	60
15	European ring trial to evaluate ELISAs for the diagnosis of infection with Rift Valley fever virus. <i>Journal of Virological Methods</i> , 2013, 187, 177-181.	2.1	57
16	Evaluation of silver nanoparticles for the prevention of SARS-CoV-2 infection in health workers: In vitro and in vivo. <i>PLoS ONE</i> , 2021, 16, e0256401.	2.5	57
17	Subclinical Bovine Spongiform Encephalopathy Infection in Transgenic Mice Expressing Porcine Prion Protein. <i>Journal of Neuroscience</i> , 2004, 24, 5063-5069.	3.6	56
18	A DNA vaccine encoding ubiquitinated Rift Valley fever virus nucleoprotein provides consistent immunity and protects IFNAR ^{−/−} mice upon lethal virus challenge. <i>Vaccine</i> , 2011, 29, 4469-4475.	3.8	52

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19	Immunogenicity and efficacy of a chimpanzee adenovirus-vectored Rift Valley Fever vaccine in mice. <i>Virology Journal</i> , 2013, 10, 349.	3.4	51
20	High level expression of the major antigenic African swine fever virus proteins p54 and p30 in baculovirus and their potential use as diagnostic reagents. <i>Journal of Virological Methods</i> , 1997, 64, 27-35.	2.1	47
21	Rift Valley and West Nile Virus Antibodies in Camels, North Africa. <i>Emerging Infectious Diseases</i> , 2011, 17, 2372-2374.	4.3	47
22	A Single Immunization with MVA Expressing GnGc Glycoproteins Promotes Epitope-specific CD8+T Cell Activation and Protects Immune-competent Mice against a Lethal RVFV Infection. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2309.	3.0	46
23	Elements Modulating the Prion Species Barrier and Its Passage Consequences. <i>PLoS ONE</i> , 2014, 9, e89722.	2.5	46
24	Different Behavior toward Bovine Spongiform Encephalopathy Infection of Bovine Prion Protein Transgenic Mice with One Extra Repeat Octapeptide Insert Mutation. <i>Journal of Neuroscience</i> , 2004, 24, 2156-2164.	3.6	44
25	Development and characterization of monoclonal antibodies against Rift Valley fever virus nucleocapsid protein generated by DNA immunization. <i>MAbs</i> , 2010, 2, 275-284.	5.2	37
26	Transgenic mice expressing bovine PrP with a four extra repeat octapeptide insert mutation show a spontaneous, non-transmissible, neurodegenerative disease and an expedited course of BSE infection. <i>FEBS Letters</i> , 2005, 579, 6237-6246.	2.8	36
27	DNA Vaccination Can Break Immunological Tolerance to PrP in Wild-Type Mice and Attenuates Prion Disease after Intracerebral Challenge. <i>Journal of Virology</i> , 2006, 80, 9970-9976.	3.4	36
28	Vertical Transmission of Bovine Spongiform Encephalopathy Prions Evaluated in a Transgenic Mouse Model. <i>Journal of Virology</i> , 2005, 79, 8665-8668.	3.4	34
29	Proteinase K enhanced immunoreactivity of the prion protein-specific monoclonal antibody 2A11. <i>Neuroscience Research</i> , 2004, 48, 75-83.	1.9	33
30	Detection and identification of Rift Valley fever virus in mosquito vectors by quantitative real-time PCR. <i>Virus Research</i> , 2012, 169, 137-143.	2.2	29
31	Priming with DNA plasmids encoding the nucleocapsid protein and glycoprotein precursors from Rift Valley fever virus accelerates the immune responses induced by an attenuated vaccine in sheep. <i>Vaccine</i> , 2008, 26, 5255-5262.	3.8	28
32	Functionality and Cell Anchorage Dependence of the African Swine Fever Virus Gene<i>A179L</i>, a Viral<i>bcl-2</i> Homolog, in Insect Cells. <i>Journal of Virology</i> , 1998, 72, 10227-10233.	3.4	28
33	Efficacy assessment of an MVA vectored Rift Valley Fever vaccine in lambs. <i>Antiviral Research</i> , 2014, 108, 165-172.	4.1	26
34	Lethal Mutagenesis of Rift Valley Fever Virus Induced by Favipiravir. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	25
35	Understanding Rift Valley fever: Contributions of animal models to disease characterization and control. <i>Molecular Immunology</i> , 2015, 66, 78-88.	2.2	24
36	Efficacy of different DNA and MVA prime-boost vaccination regimens against a Rift Valley fever virus (RVFV) challenge in sheep 12 weeks following vaccination. <i>Veterinary Research</i> , 2018, 49, 21.	3.0	24

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37	Modeling Arboviral Infection in Mice Lacking the Interferon Alpha/Beta Receptor. <i>Viruses</i> , 2019, 11, 35.	3.3	24
38	Bead-based suspension array for simultaneous detection of antibodies against the Rift Valley fever virus nucleocapsid and Gn glycoprotein. <i>Journal of Virological Methods</i> , 2012, 183, 99-105.	2.1	22
39	A protective bivalent vaccine against Rift Valley fever and bluetongue. <i>Npj Vaccines</i> , 2020, 5, 70.	6.0	22
40	CD8 T Cell Responses to an Immunodominant Epitope within the Nonstructural Protein NS1 Provide Wide Immunoprotection against Bluetongue Virus in IFNAR ^{-/-} Mice. <i>Journal of Virology</i> , 2018, 92, .	3.4	19
41	Reduced susceptibility to bovine spongiform encephalopathy prions in transgenic mice expressing a bovine PrP with five octapeptide repeats. <i>Journal of General Virology</i> , 2007, 88, 1842-1849.	2.9	18
42	Pathological Characterization Of IFNAR(-/-) Mice Infected With Bluetongue Virus Serotype 4. <i>International Journal of Biological Sciences</i> , 2016, 12, 1448-1460.	6.4	18
43	Generation and application of monoclonal antibodies against Rift Valley fever virus nucleocapsid protein NP and glycoproteins Gn and Gc. <i>Archives of Virology</i> , 2014, 159, 535-546.	2.1	14
44	Distribution of the cellular prion protein (PrPC) in brains of livestock and domesticated species. <i>Acta Neuropathologica</i> , 2006, 112, 587-595.	7.7	13
45	DNA vaccination regimes against Schmallenberg virus infection in IFNAR ^Δ /Δ ^Δ mice suggest two targets for immunization. <i>Antiviral Research</i> , 2017, 141, 107-115.	4.1	13
46	Microspheres-prime/rMVA-boost vaccination enhances humoral and cellular immune response in IFNAR(Δ ^Δ /Δ ^Δ) mice conferring protection against serotypes 1 and 4 of bluetongue virus. <i>Antiviral Research</i> , 2017, 142, 55-62.	4.1	13
47	MVA Vectored Vaccines Encoding Rift Valley Fever Virus Glycoproteins Protect Mice against Lethal Challenge in the Absence of Neutralizing Antibody Responses. <i>Vaccines</i> , 2020, 8, 82.	4.4	13
48	A DNA Vaccine Delivery Platform Based on Elastin-Like Recombinamer Nanosystems for Rift Valley Fever Virus. <i>Molecular Pharmaceutics</i> , 2020, 17, 1608-1620.	4.6	13
49	Protection against Rift Valley fever virus infection in mice upon administration of interferon-inducing RNA transcripts from the FMDV genome. <i>Antiviral Research</i> , 2014, 109, 64-67.	4.1	12
50	Vaccines and Vaccination for Veterinary Viral Diseases: A General Overview. <i>Methods in Molecular Biology</i> , 2016, 1349, 1-24.	0.9	11
51	Vulnerability of SARS-CoV-2 and PR8 H1N1 virus to cold atmospheric plasma activated media. <i>Scientific Reports</i> , 2022, 12, 263.	3.3	11
52	Recombinant Rift Valley fever viruses encoding bluetongue virus (BTV) antigens: Immunity and efficacy studies upon a BTV-4 challenge. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008942.	3.0	10
53	Development of a multiplex assay for antibody detection in serum against pathogens affecting ruminants. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1229-1239.	3.0	7
54	A Hyper-Attenuated Variant of Rift Valley Fever Virus Generated by a Mutagenic Drug (Favipiravir) Unveils Potential Virulence Markers. <i>Frontiers in Microbiology</i> , 2020, 11, 621463.	3.5	7

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55	The Change P82L in the Rift Valley Fever Virus NSs Protein Confers Attenuation in Mice. <i>Viruses</i> , 2021, 13, 542.	3.3	7
56	Discrimination of sheep susceptible and resistant to transmissible spongiform encephalopathies by an haplotype specific monoclonal antibody. <i>Journal of Virological Methods</i> , 2007, 145, 169-172.	2.1	6
57	Lymphoplasmacytic Endotheliitis and Anterior Uveitis in Sheep Infected Experimentally with Rift Valley Fever Virus. <i>Journal of Comparative Pathology</i> , 2012, 146, 40-43.	0.4	6
58	Cell expression of a four extra octarepeat mutated PrPC modifies cell structure and cell cycle regulation. <i>FEBS Letters</i> , 2006, 580, 4097-4104.	2.8	5
59	Genomics of <i>Viruses</i> . , 2006, , 367-388.		5
60	Comparison of Three Monoclonal Antibodies for use in Immunohistochemical Detection of Bovine Spongiform Encephalopathy Protease-Resistant Prion Protein. <i>Journal of Veterinary Diagnostic Investigation</i> , 2006, 18, 106-109.	1.1	5
61	External quality assessment of Rift Valley fever diagnosis in 17 veterinary laboratories of the Mediterranean and Black Sea regions. <i>PLoS ONE</i> , 2020, 15, e0239478.	2.5	5
62	A novel Schmallenberg virus subunit vaccine candidate protects IFNAR-/- mice against virulent SBV challenge. <i>Scientific Reports</i> , 2020, 10, 18725.	3.3	4
63	Design and construction of African swine fever virus chimeras incorporating foreign viral epitopes. <i>Archives of Virology</i> , 1999, 144, 1287-1298.	2.1	3
64	An Overview of Veterinary Viral Diseases and Vaccine Technologies. <i>Methods in Molecular Biology</i> , 2022, 2465, 1-26.	0.9	3
65	Identification of Single Amino Acid Changes in the Rift Valley Fever Virus Polymerase Core Domain Contributing to Virus Attenuation In Vivo. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 875539.	3.9	3
66	Altered lymphocyte homeostasis after oral prion infection in mouse. <i>Veterinary Immunology and Immunopathology</i> , 2008, 122, 204-215.	1.2	1
67	Using RVFV as a Vector Platform for the Expression of Ruminant Disease Antigens. <i>Methods in Molecular Biology</i> , 2022, 2465, 209-225.	0.9	0
68	Title is missing!. , 2020, 14, e0008942.		0
69	Title is missing!. , 2020, 14, e0008942.		0
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73	Title is missing!. , 2020, 14, e0008942.		0