

Ricardo Carrion Jr

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,193
citations

331670

21
h-index

345221

36
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42
all docs

42
docs citations

42
times ranked

6512
citing authors

#	ARTICLE	IF	CITATIONS
1	BNT162b vaccines protect rhesus macaques from SARS-CoV-2. <i>Nature</i> , 2021, 592, 283-289.	27.8	494
2	REGN-COV2 antibodies prevent and treat SARS-CoV-2 infection in rhesus macaques and hamsters. <i>Science</i> , 2020, 370, 1110-1115.	12.6	476
3	Lethality of SARS-CoV-2 infection in K18 human angiotensin-converting enzyme 2 transgenic mice. <i>Nature Communications</i> , 2020, 11, 6122.	12.8	304
4	Rapid and Fully Microfluidic Ebola Virus Detection with CRISPR-Cas13a. <i>ACS Sensors</i> , 2019, 4, 1048-1054.	7.8	215
5	The monoclonal antibody combination REGEN-COV protects against SARS-CoV-2 mutational escape in preclinical and human studies. <i>Cell</i> , 2021, 184, 3949-3961.e11.	28.9	171
6	Responses to acute infection with SARS-CoV-2 in the lungs of rhesus macaques, baboons and marmosets. <i>Nature Microbiology</i> , 2021, 6, 73-86.	13.3	156
7	Development of Clinical-Stage Human Monoclonal Antibodies That Treat Advanced Ebola Virus Disease in Nonhuman Primates. <i>Journal of Infectious Diseases</i> , 2018, 218, S612-S626.	4.0	146
8	Matrix-M adjuvant enhances antibody, cellular and protective immune responses of a Zaire Ebola/Makona virus glycoprotein (GP) nanoparticle vaccine in mice. <i>Vaccine</i> , 2016, 34, 1927-1935.	3.8	106
9	Lassa Virus Infection in Experimentally Infected Marmosets: Liver Pathology and Immunophenotypic Alterations in Target Tissues. <i>Journal of Virology</i> , 2007, 81, 6482-6490.	3.4	102
10	Protection against lethal challenge by Ebola virus-like particles produced in insect cells. <i>Virology</i> , 2009, 383, 12-21.	2.4	84
11	An animal model that reflects human disease: the common marmoset (<i>Callithrix jacchus</i>). <i>Current Opinion in Virology</i> , 2012, 2, 357-362.	5.4	80
12	IFN signaling and neutrophil degranulation transcriptional signatures are induced during SARS-CoV-2 infection. <i>Communications Biology</i> , 2021, 4, 290.	4.4	74
13	A SARS-CoV-2 ferritin nanoparticle vaccine elicits protective immune responses in nonhuman primates. <i>Science Translational Medicine</i> , 2022, 14, .	12.4	73
14	A small nonhuman primate model for filovirus-induced disease. <i>Virology</i> , 2011, 420, 117-124.	2.4	67
15	Deactivation of SARS-CoV-2 with pulsed-xenon ultraviolet light: Implications for environmental COVID-19 control. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 127-130.	1.8	65
16	A prophylactic multivalent vaccine against different filovirus species is immunogenic and provides protection from lethal infections with Ebolavirus and Marburgvirus species in non-human primates. <i>PLoS ONE</i> , 2018, 13, e0192312.	2.5	64
17	Particle-to-PFU Ratio of Ebola Virus Influences Disease Course and Survival in <i>Cynomolgus</i> Macaques. <i>Journal of Virology</i> , 2015, 89, 6773-6781.	3.4	58
18	Efficacy and breadth of adjuvanted SARS-CoV-2 receptor-binding domain nanoparticle vaccine in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	44

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19	Microfluidic System for Detection of Viral RNA in Blood Using a Barcode Fluorescence Reporter and a Photocleavable Capture Probe. <i>Analytical Chemistry</i> , 2017, 89, 12433-12440.	6.5	41
20	Treatment of blood with a pathogen reduction technology using ultraviolet light and riboflavin inactivates Ebola virus in vitro. <i>Transfusion</i> , 2016, 56, S6-15.	1.6	39
21	Intradermal immunization by Ebola virus GP subunit vaccines using microneedle patches protects mice against lethal EBOV challenge. <i>Scientific Reports</i> , 2018, 8, 11193.	3.3	26
22	Development of a Lethal Intranasal Exposure Model of Ebola Virus in the Cynomolgus Macaque. <i>Viruses</i> , 2017, 9, 319.	3.3	21
23	Rapid detection and quantification of Ebola Zaire virus by one-step real-time quantitative reverse transcription-polymerase chain reaction. <i>Microbiology and Immunology</i> , 2017, 61, 130-137.	1.4	19
24	Characterization of Immune Responses Induced by Ebola Virus Glycoprotein (GP) and Truncated GP Isoform DNA Vaccines and Protection Against Lethal Ebola Virus Challenge in Mice. <i>Journal of Infectious Diseases</i> , 2015, 212, S398-S403.	4.0	17
25	Determination and Therapeutic Exploitation of Ebola Virus Spontaneous Mutation Frequency. <i>Journal of Virology</i> , 2016, 90, 2345-2355.	3.4	17
26	Genetic Changes at the Glycoprotein Editing Site Associated With Serial Passage of Sudan Virus. <i>Journal of Infectious Diseases</i> , 2015, 212, S295-S304.	4.0	14
27	A Single Amino Acid Change in the Marburg Virus Glycoprotein Arises during Serial Cell Culture Passages and Attenuates the Virus in a Macaque Model of Disease. <i>MSphere</i> , 2018, 3, .	2.9	13
28	Intramuscular Exposure of Macaca fascicularis to Low Doses of Low Passage- or Cell Culture-Adapted Sudan Virus or Ebola Virus. <i>Viruses</i> , 2018, 10, 642.	3.3	12
29	Development of a Well-Characterized Rhesus Macaque Model of Ebola Virus Disease for Support of Product Development. <i>Microorganisms</i> , 2021, 9, 489.	3.6	10
30	Purification, Identification, and Biochemical Characterization of a Host-Encoded Cysteine Protease That Cleaves a Leishmanivirus Gag-Pol Polyprotein. <i>Journal of Virology</i> , 2003, 77, 10448-10455.	3.4	8
31	Identification and Characterization of Defective Viral Genomes in Ebola Virus-Infected Rhesus Macaques. <i>Journal of Virology</i> , 2021, 95, e0071421.	3.4	8
32	A SARS-CoV-2 ferritin nanoparticle vaccine elicits protective immune responses in nonhuman primates.. <i>Science Translational Medicine</i> , 2021, , eabi5735.	12.4	8
33	Optofluidic Amplification-Free Multiplex Detection of Viral Hemorrhagic Fevers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-6.	2.9	5
34	Animal Models of COVID-19: Nonhuman Primates. <i>Methods in Molecular Biology</i> , 2022, 2452, 227-258.	0.9	4
35	Intradermal Immunization of EBOV VLPs in Guinea Pigs Induces Broader Antibody Responses Against GP Than Intramuscular Injection. <i>Frontiers in Microbiology</i> , 2020, 11, 304.	3.5	1