

Rebecca L Brocato

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

821
citations

687220

13
h-index

713332

21
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28
all docs

28
docs citations

28
times ranked

1480
citing authors

#	ARTICLE	IF	CITATIONS
1	Human angiotensin-converting enzyme 2 transgenic mice infected with SARS-CoV-2 develop severe and fatal respiratory disease. <i>JCI Insight</i> , 2020, 5, .	2.3	186
2	Progress on the Prevention and Treatment of Hantavirus Disease. <i>Viruses</i> , 2019, 11, 610.	1.5	89
3	DNA vaccine-derived human IgG produced in transchromosomal bovines protect in lethal models of hantavirus pulmonary syndrome. <i>Science Translational Medicine</i> , 2014, 6, 264ra162.	5.8	59
4	Disruption of Adaptive Immunity Enhances Disease in SARS-CoV-2-Infected Syrian Hamsters. <i>Journal of Virology</i> , 2020, 94, .	1.5	58
5	A novel Sin Nombre virus DNA vaccine and its inclusion in a candidate pan-hantavirus vaccine against hantavirus pulmonary syndrome (HPS) and hemorrhagic fever with renal syndrome (HFRS). <i>Vaccine</i> , 2013, 31, 4314-4321.	1.7	57
6	A Lethal Disease Model for Hantavirus Pulmonary Syndrome in Immunosuppressed Syrian Hamsters Infected with Sin Nombre Virus. <i>Journal of Virology</i> , 2014, 88, 811-819.	1.5	46
7	DNA Vaccine-Generated Duck Polyclonal Antibodies as a Postexposure Prophylactic to Prevent Hantavirus Pulmonary Syndrome (HPS). <i>PLoS ONE</i> , 2012, 7, e35996.	1.1	45
8	Animal Models for the Study of Rodent-Borne Hemorrhagic Fever Viruses: Arenaviruses and Hantaviruses. <i>BioMed Research International</i> , 2015, 2015, 1-31.	0.9	42
9	Protective efficacy of a SARS-CoV-2 DNA vaccine in wild-type and immunosuppressed Syrian hamsters. <i>Npj Vaccines</i> , 2021, 6, 16.	2.9	41
10	Antiviral Biologic Produced in DNA Vaccine/Goose Platform Protects Hamsters Against Hantavirus Pulmonary Syndrome When Administered Post-exposure. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003803.	1.3	39
11	Construction and Nonclinical Testing of a Puumala Virus Synthetic M Gene-Based DNA Vaccine. <i>Vaccine Journal</i> , 2013, 20, 218-226.	3.2	37
12	Gastrointestinal Tract As Entry Route for Hantavirus Infection. <i>Frontiers in Microbiology</i> , 2017, 8, 1721.	1.5	35
13	Anti-HFRS Human IgG Produced in Transchromosomal Bovines Has Potent Hantavirus Neutralizing Activity and Is Protective in Animal Models. <i>Frontiers in Microbiology</i> , 2020, 11, 832.	1.5	21
14	Three asymptomatic animal infection models of hemorrhagic fever with renal syndrome caused by hantaviruses. <i>PLoS ONE</i> , 2019, 14, e0216700.	1.1	14
15	Depletion of Alveolar Macrophages Does Not Prevent Hantavirus Disease Pathogenesis in Golden Syrian Hamsters. <i>Journal of Virology</i> , 2016, 90, 6200-6215.	1.5	11
16	Small animal jet injection technique results in enhanced immunogenicity of hantavirus DNA vaccines. <i>Vaccine</i> , 2021, 39, 1101-1110.	1.7	8
17	Innate immune responses elicited by Sin Nombre virus or type I IFN agonists protect hamsters from lethal Andes virus infections. <i>Journal of General Virology</i> , 2018, 99, 1359-1366.	1.3	5
18	Pichinde virus induces microvascular endothelial cell permeability through the production of nitric oxide. <i>Virology Journal</i> , 2009, 6, 162.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Comparison of transcriptional responses between pathogenic and nonpathogenic hantavirus infections in Syrian hamsters using NanoString. PLoS Neglected Tropical Diseases, 2021, 15, e0009592.	1.3	4
20	SARS-CoV-2 Doggybone DNA Vaccine Produces Cross-Variant Neutralizing Antibodies and Is Protective in a COVID-19 Animal Model. Vaccines, 2022, 10, 1104.	2.1	4