Kenneth H Dinnon

List of Publications by Year
in descending order

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31 papers	8,229 citations	257101 24 h-index	433756 31 g-index
42 all docs	42 docs citations	42 times ranked	15206 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 infection produces chronic pulmonary epithelial and immune cell dysfunction with fibrosis in mice. Science Translational Medicine, 2022, 14, .	5.8	55
2	SARS-CoV-2 infection is effectively treated and prevented by EIDD-2801. Nature, 2021, 591, 451-457.	13.7	320
3	Abstract P35: Targeting vimentin impacts multiple cellular processes, blocks the spike protein-ACE2-mediated pseudoviral infection in vitro and reduces the symptom and lung injury in aged mice with mouse-adapted SARS-CoV-2 infection in vivo. Clinical Cancer Research, 2021, 27, P35-P35.	3.2	1
4	Critical ACE2 Determinants of SARS-CoV-2 and Group 2B Coronavirus Infection and Replication. MBio, 2021, 12, .	1.8	8
5	SARS-CoV-2 RBD trimer protein adjuvanted with Alum-3M-052 protects from SARS-CoV-2 infection and immune pathology in the lung. Nature Communications, 2021, 12, 3587.	5.8	71
6	COVID-19 vaccine mRNA-1273 elicits a protective immune profile in mice that is not associated with vaccine-enhanced disease upon SARS-CoV-2 challenge. Immunity, 2021, 54, 1869-1882.e6.	6.6	59
7	Protective Efficacy of Rhesus Adenovirus COVID-19 Vaccines against Mouse-Adapted SARS-CoV-2. Journal of Virology, 2021, 95, e0097421.	1.5	12
8	Novel virus-like nanoparticle vaccine effectively protects animal model from SARS-CoV-2 infection. PLoS Pathogens, 2021, 17, e1009897.	2.1	49
9	Stabilized coronavirus spike stem elicits a broadly protective antibody. Cell Reports, 2021, 37, 109929.	2.9	64
10	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. Journal of Virology, 2020, 94, .	1.5	162
11	A mouse-adapted model of SARS-CoV-2 to test COVID-19 countermeasures. Nature, 2020, 586, 560-566.	13.7	527
12	A Mouse-Adapted SARS-CoV-2 Induces Acute Lung Injury and Mortality in Standard Laboratory Mice. Cell, 2020, 183, 1070-1085.e12.	13.5	472
13	SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. Nature, 2020, 586, 567-571.	13.7	1,153
14	Swine acute diarrhea syndrome coronavirus replication in primary human cells reveals potential susceptibility to infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26915-26925.	3.3	104
15	Newcastle disease virus (NDV) expressing the spike protein of SARS-CoV-2 as a live virus vaccine candidate. EBioMedicine, 2020, 62, 103132.	2.7	77
16	A highly immunogenic and effective measles virus-based Th1-biased COVID-19 vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32657-32666.	3.3	60
17	SARS-CoV-2 D614G variant exhibits efficient replication ex vivo and transmission in vivo. Science, 2020, 370, 1464-1468.	6.0	808
18	Elicitation of Potent Neutralizing Antibody Responses by Designed Protein Nanoparticle Vaccines for SARS-CoV-2. Cell, 2020, 183, 1367-1382.e17.	13.5	420

#	Article	IF	Citations
19	A Newcastle Disease Virus (NDV) Expressing a Membrane-Anchored Spike as a Cost-Effective Inactivated SARS-CoV-2 Vaccine. Vaccines, 2020, 8, 771.	2.1	61
20	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. Cell, 2020, 182, 429-446.e14.	13.5	1,257
21	Remdesivir Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. Cell Reports, 2020, 32, 107940.	2.9	412
22	An orally bioavailable broad-spectrum antiviral inhibits SARS-CoV-2 in human airway epithelial cell cultures and multiple coronaviruses in mice. Science Translational Medicine, 2020, 12, .	5.8	886
23	Broad spectrum antiviral remdesivir inhibits human endemic and zoonotic deltacoronaviruses with a highly divergent RNA dependent RNA polymerase. Antiviral Research, 2019, 169, 104541.	1.9	398
24	Shortening of Zika virus CD-loop reduces neurovirulence while preserving antigenicity. PLoS Neglected Tropical Diseases, 2019, 13, e0007212.	1.3	4
25	Dual regulation of decorin by androgen and Hedgehog signaling during prostate morphogenesis. Developmental Dynamics, 2018, 247, 679-685.	0.8	2
26	Combination Attenuation Offers Strategy for Live Attenuated Coronavirus Vaccines. Journal of Virology, 2018, 92, .	1.5	58
27	An Immunocompetent Mouse Model of Zika Virus Infection. Cell Host and Microbe, 2018, 23, 672-685.e6.	5.1	192
28	CD-loop Extension in Zika Virus Envelope Protein Key for Stability and Pathogenesis. Journal of Infectious Diseases, 2017, 216, 1196-1204.	1.9	15
29	MERS-CoV Accessory ORFs Play Key Role for Infection and Pathogenesis. MBio, 2017, 8, .	1.8	126
30	Middle East Respiratory Syndrome Coronavirus Nonstructural Protein 16 Is Necessary for Interferon Resistance and Viral Pathogenesis. MSphere, 2017, 2, .	1.3	92
31	Remdesivir Potently Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. SSRN Electronic Journal, 0, , .	0.4	15