

# Kenneth H Dinnon

## List of Publications by Citations

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37  
papers

4,722  
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42  
ext. papers

6,807  
ext. citations

19.1  
avg, IF

5.46  
L-index

#	Paper	IF	Citations
37	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. <i>Cell</i> , <b>2020</b> , 182, 429-446.e14	56.2	710
36	SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. <i>Nature</i> , <b>2020</b> , 586, 567-571	50.4	594
35	An orally bioavailable broad-spectrum antiviral inhibits SARS-CoV-2 in human airway epithelial cell cultures and multiple coronaviruses in mice. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	534
34	SARS-CoV-2 D614G variant exhibits efficient replication ex vivo and transmission in vivo. <i>Science</i> , <b>2020</b> , 370, 1464-1468	33.3	517
33	A mouse-adapted model of SARS-CoV-2 to test COVID-19 countermeasures. <i>Nature</i> , <b>2020</b> , 586, 560-566	50.4	299
32	Broad spectrum antiviral remdesivir inhibits human endemic and zoonotic deltacoronaviruses with a highly divergent RNA dependent RNA polymerase. <i>Antiviral Research</i> , <b>2019</b> , 169, 104541	10.8	288
31	Remdesivir Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. <i>Cell Reports</i> , <b>2020</b> , 32, 107940	10.6	260
30	A Mouse-Adapted SARS-CoV-2 Induces Acute Lung Injury and Mortality in Standard Laboratory Mice. <i>Cell</i> , <b>2020</b> , 183, 1070-1085.e12	56.2	224
29	Elicitation of Potent Neutralizing Antibody Responses by Designed Protein Nanoparticle Vaccines for SARS-CoV-2. <i>Cell</i> , <b>2020</b> , 183, 1367-1382.e17	56.2	217
28	SARS-CoV-2 infection is effectively treated and prevented by EIDD-2801. <i>Nature</i> , <b>2021</b> , 591, 451-457	50.4	131
27	An Immunocompetent Mouse Model of Zika Virus Infection. <i>Cell Host and Microbe</i> , <b>2018</b> , 23, 672-685.e6	23.4	129
26	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	116
25	MERS-CoV Accessory ORFs Play Key Role for Infection and Pathogenesis. <i>MBio</i> , <b>2017</b> , 8,	7.8	99
24	Middle East Respiratory Syndrome Coronavirus Nonstructural Protein 16 Is Necessary for Interferon Resistance and Viral Pathogenesis. <i>MSphere</i> , <b>2017</b> , 2,	5	71
23	SARS-CoV-2 mRNA Vaccine Development Enabled by Prototype Pathogen Preparedness <b>2020</b> ,		62
22	A mouse-adapted SARS-CoV-2 model for the evaluation of COVID-19 medical countermeasures <b>2020</b> ,		58
21	Swine acute diarrhea syndrome coronavirus replication in primary human cells reveals potential susceptibility to infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 26915-26925	11.5	49

20	Combination Attenuation Offers Strategy for Live Attenuated Coronavirus Vaccines. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	48
19	SARS-CoV-2 D614G Variant Exhibits Enhanced Replication and Earlier Transmission <b>2020</b> ,		41
18	Newcastle disease virus (NDV) expressing the spike protein of SARS-CoV-2 as a live virus vaccine candidate. <i>EBioMedicine</i> , <b>2020</b> , 62, 103132	8.8	39
17	A Newcastle Disease Virus (NDV) Expressing a Membrane-Anchored Spike as a Cost-Effective Inactivated SARS-CoV-2 Vaccine. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	38
16	A highly immunogenic and effective measles virus-based Th1-biased COVID-19 vaccine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32657-32666	11.5	37
15	Stabilized coronavirus spike stem elicits a broadly protective antibody. <i>Cell Reports</i> , <b>2021</b> , 37, 109929	10.6	18
14	SARS-CoV-2 RBD trimer protein adjuvanted with Alum-3M-052 protects from SARS-CoV-2 infection and immune pathology in the lung. <i>Nature Communications</i> , <b>2021</b> , 12, 3587	17.4	17
13	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. <i>Immunity</i> , <b>2021</b> , 54, 1869-1882.e6	32.3	16
12	Remdesivir potently inhibits SARS-CoV-2 in human lung cells and chimeric SARS-CoV expressing the SARS-CoV-2 RNA polymerase in mice <b>2020</b> ,		15
11	A Newcastle disease virus (NDV) expressing membrane-anchored spike as a cost-effective inactivated SARS-CoV-2 vaccine <b>2020</b> ,		13
10	CD-loop Extension in Zika Virus Envelope Protein Key for Stability and Pathogenesis. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 216, 1196-1204	7	12
9	Remdesivir Potently Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. <i>SSRN Electronic Journal</i> ,	1	11
8	Novel virus-like nanoparticle vaccine effectively protects animal model from SARS-CoV-2 infection. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009897	7.6	11
7	Elicitation of potent neutralizing antibody responses by designed protein nanoparticle vaccines for SARS-CoV-2 <b>2020</b> ,		10
6	Newcastle disease virus (NDV) expressing the spike protein of SARS-CoV-2 as vaccine candidate <b>2020</b> ,		8
5	Acute SARS-CoV-2 Infection is Highly Cytopathic, Elicits a Robust Innate Immune Response and is Efficiently Prevented by EIDD-2801 <b>2020</b> ,		5
4	Shortening of Zika virus CD-loop reduces neurovirulence while preserving antigenicity. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007212	4.8	4
3	Critical ACE2 Determinants of SARS-CoV-2 and Group 2B Coronavirus Infection and Replication. <i>MBio</i> , <b>2021</b> , 12,	7.8	3

2	Protective Efficacy of Rhesus Adenovirus COVID-19 Vaccines against Mouse-Adapted SARS-CoV-2. <i>Journal of Virology</i> , <b>2021</b> , 95, e0097421	6.6	3
1	Dual regulation of decorin by androgen and Hedgehog signaling during prostate morphogenesis. <i>Developmental Dynamics</i> , <b>2018</b> , 247, 679-685	2.9	1