

Kenneth H Dinno

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

8,229
citations

257101

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433756

31
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42
all docs

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docs citations

42
times ranked

15206
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. <i>Cell</i> , 2020, 182, 429-446.e14. | 13.5 | 1,257 |
| 2 | SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. <i>Nature</i> , 2020, 586, 567-571. | 13.7 | 1,153 |
| 3 | 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> , 2020, 12, . | 5.8 | 886 |
| 4 | SARS-CoV-2 D614G variant exhibits efficient replication ex vivo and transmission in vivo. <i>Science</i> , 2020, 370, 1464-1468. | 6.0 | 808 |
| 5 | A mouse-adapted model of SARS-CoV-2 to test COVID-19 countermeasures. <i>Nature</i> , 2020, 586, 560-566. | 13.7 | 527 |
| 6 | A Mouse-Adapted SARS-CoV-2 Induces Acute Lung Injury and Mortality in Standard Laboratory Mice. <i>Cell</i> , 2020, 183, 1070-1085.e12. | 13.5 | 472 |
| 7 | Elicitation of Potent Neutralizing Antibody Responses by Designed Protein Nanoparticle Vaccines for SARS-CoV-2. <i>Cell</i> , 2020, 183, 1367-1382.e17. | 13.5 | 420 |
| 8 | 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> , 2020, 32, 107940. | 2.9 | 412 |
| 9 | Broad spectrum antiviral remdesivir inhibits human endemic and zoonotic deltacoronaviruses with a highly divergent RNA dependent RNA polymerase. <i>Antiviral Research</i> , 2019, 169, 104541. | 1.9 | 398 |
| 10 | SARS-CoV-2 infection is effectively treated and prevented by EIDD-2801. <i>Nature</i> , 2021, 591, 451-457. | 13.7 | 320 |
| 11 | An Immunocompetent Mouse Model of Zika Virus Infection. <i>Cell Host and Microbe</i> , 2018, 23, 672-685.e6. | 5.1 | 192 |
| 12 | Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. <i>Journal of Virology</i> , 2020, 94, . | 1.5 | 162 |
| 13 | MERS-CoV Accessory ORFs Play Key Role for Infection and Pathogenesis. <i>MBio</i> , 2017, 8, . | 1.8 | 126 |
| 14 | 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> , 2020, 117, 26915-26925. | 3.3 | 104 |
| 15 | Middle East Respiratory Syndrome Coronavirus Nonstructural Protein 16 Is Necessary for Interferon Resistance and Viral Pathogenesis. <i>MSphere</i> , 2017, 2, . | 1.3 | 92 |
| 16 | Newcastle disease virus (NDV) expressing the spike protein of SARS-CoV-2 as a live virus vaccine candidate. <i>EBioMedicine</i> , 2020, 62, 103132. | 2.7 | 77 |
| 17 | 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> , 2021, 12, 3587. | 5.8 | 71 |
| 18 | Stabilized coronavirus spike stem elicits a broadly protective antibody. <i>Cell Reports</i> , 2021, 37, 109929. | 2.9 | 64 |

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|----|---|-----|-----------|
| 19 | A Newcastle Disease Virus (NDV) Expressing a Membrane-Anchored Spike as a Cost-Effective Inactivated SARS-CoV-2 Vaccine. <i>Vaccines</i> , 2020, 8, 771. | 2.1 | 61 |
| 20 | 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> , 2020, 117, 32657-32666. | 3.3 | 60 |
| 21 | 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> , 2021, 54, 1869-1882.e6. | 6.6 | 59 |
| 22 | Combination Attenuation Offers Strategy for Live Attenuated Coronavirus Vaccines. <i>Journal of Virology</i> , 2018, 92, . | 1.5 | 58 |
| 23 | SARS-CoV-2 infection produces chronic pulmonary epithelial and immune cell dysfunction with fibrosis in mice. <i>Science Translational Medicine</i> , 2022, 14, . | 5.8 | 55 |
| 24 | Novel virus-like nanoparticle vaccine effectively protects animal model from SARS-CoV-2 infection. <i>PLoS Pathogens</i> , 2021, 17, e1009897. | 2.1 | 49 |
| 25 | CD-loop Extension in Zika Virus Envelope Protein Key for Stability and Pathogenesis. <i>Journal of Infectious Diseases</i> , 2017, 216, 1196-1204. | 1.9 | 15 |
| 26 | 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> , 0, , . | 0.4 | 15 |
| 27 | Protective Efficacy of Rhesus Adenovirus COVID-19 Vaccines against Mouse-Adapted SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, e0097421. | 1.5 | 12 |
| 28 | Critical ACE2 Determinants of SARS-CoV-2 and Group 2B Coronavirus Infection and Replication. <i>MBio</i> , 2021, 12, . | 1.8 | 8 |
| 29 | Shortening of Zika virus CD-loop reduces neurovirulence while preserving antigenicity. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007212. | 1.3 | 4 |
| 30 | Dual regulation of decorin by androgen and Hedgehog signaling during prostate morphogenesis. <i>Developmental Dynamics</i> , 2018, 247, 679-685. | 0.8 | 2 |
| 31 | Abstract P35: Targeting vimentin impacts multiple cellular processes, blocks the spike protein-ACE2-mediated pseudoviral infection <i>in vitro</i> and reduces the symptom and lung injury in aged mice with mouse-adapted SARS-CoV-2 infection <i>in vivo</i> . <i>Clinical Cancer Research</i> , 2021, 27, P35-P35. | 3.2 | 1 |