

# Carl I Shaia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1872475/publications.pdf>

Version: 2024-02-01

19  
papers

830  
citations

623734

14  
h-index

839539

18  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1618  
citing authors

#	ARTICLE	IF	CITATIONS
1	K18-hACE2 mice develop respiratory disease resembling severe COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009195.	4.7	227
2	Single-cell RNA sequencing reveals SARS-CoV-2 infection dynamics in lungs of African green monkeys. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	146
3	A DNA vaccine delivered by dermal electroporation fully protects cynomolgus macaques against Lassa fever. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2902-2911.	3.3	61
4	Immune-Mediated Systemic Vasculitis as the Proposed Cause of Sudden-Onset Sensorineural Hearing Loss following Lassa Virus Exposure in Cynomolgus Macaques. <i>MBio</i> , 2018, 9, .	4.1	52
5	Enhanced Efficacy of a Codon-Optimized DNA Vaccine Encoding the Glycoprotein Precursor Gene of Lassa Virus in a Guinea Pig Disease Model When Delivered by Dermal Electroporation. <i>Vaccines</i> , 2013, 1, 262-277.	4.4	46
6	Increased small particle aerosol transmission of B.1.1.7 compared with SARS-CoV-2 lineage A in vivo. <i>Nature Microbiology</i> , 2022, 7, 213-223.	13.3	45
7	SARS-CoV2 variant-specific replicating RNA vaccines protect from disease following challenge with heterologous variants of concern. <i>ELife</i> , 2022, 11, .	6.0	26
8	Prior aerosol infection with lineage A SARS-CoV-2 variant protects hamsters from disease, but not reinfection with B.1.351 SARS-CoV-2 variant. <i>Emerging Microbes and Infections</i> , 2021, 10, 1284-1292.	6.5	25
9	Molnupiravir inhibits SARS-CoV-2 variants including Omicron in the hamster model. <i>JCI Insight</i> , 2022, 7, .	5.0	24
10	High-Fat High-Sugar Diet-Induced Changes in the Lipid Metabolism Are Associated with Mildly Increased COVID-19 Severity and Delayed Recovery in the Syrian Hamster. <i>Viruses</i> , 2021, 13, 2506.	3.3	23
11	Contributions of lipopolysaccharide and the type IVB secretion system to <i>Coxiella burnetii</i> vaccine efficacy and reactogenicity. <i>Npj Vaccines</i> , 2021, 6, 38.	6.0	22
12	UK B.1.1.7 (Alpha) variant exhibits increased respiratory replication and shedding in nonhuman primates. <i>Emerging Microbes and Infections</i> , 2021, 10, 2173-2182.	6.5	19
13	Histologic pulmonary lesions of SARS-CoV-2 in 4 nonhuman primate species: An institutional comparative review. <i>Veterinary Pathology</i> , 2022, 59, 673-680.	1.7	19
14	Mechanisms of Immunity in Post-Exposure Vaccination against Ebola Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0118434.	2.5	18
15	Age-related differences in immune dynamics during SARS-CoV-2 infection in rhesus macaques. <i>Life Science Alliance</i> , 2022, 5, e202101314.	2.8	18
16	Natural History of Aerosol Induced Lassa Fever in Non-Human Primates. <i>Viruses</i> , 2020, 12, 593.	3.3	14
17	Alkhurma haemorrhagic fever virus causes lethal disease in IFNAR <sup>-/-</sup> mice. <i>Emerging Microbes and Infections</i> , 2021, 10, 1077-1087.	6.5	2
18	Three-Week Old Pigs Are Not Susceptible to Productive Infection with SARS-COV-2. <i>Microorganisms</i> , 2022, 10, 407.	3.6	2

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19	Murine Q Fever Vaccination Model Reveals Sex Dimorphism in Early Phase Delayed-Type Hypersensitivity Responses. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1