

# Alyson Ann Kelvin

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,285  
citations

430754

18  
h-index

501076

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of real-time and droplet digital PCR to detect and quantify SARS-CoV-2 RNA in plasma. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13501.	1.7	20
2	Towards a coordinated strategy for intercepting human disease emergence in Africa. <i>Lancet Microbe</i> , The, 2021, 2, e51-e52.	3.4	1
3	Development and deployment of COVID-19 vaccines for those most vulnerable. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	60
4	The Intersection of Age and Influenza Severity: Utility of Ferrets for Dissecting the Age-Dependent Immune Responses and Relevance to Age-Specific Vaccine Development. <i>Viruses</i> , 2021, 13, 678.	1.5	8
5	Centenarians and extremely old people living with frailty can elicit durable SARS-CoV-2 spike specific IgG antibodies with virus neutralization functions following virus infection as determined by serological study. <i>EClinicalMedicine</i> , 2021, 37, 100975.	3.2	6
6	Sex and age bias viral burden and interferon responses during SARS-CoV-2 infection in ferrets. <i>Scientific Reports</i> , 2021, 11, 14536.	1.6	14
7	SARS-CoV-2 infection in the Syrian hamster model causes inflammation as well as type I interferon dysregulation in both respiratory and non-respiratory tissues including the heart and kidney. <i>PLoS Pathogens</i> , 2021, 17, e1009705.	2.1	60
8	The Power of First Impressions: Can Influenza Imprinting during Infancy Inform Vaccine Design?. <i>Vaccines</i> , 2020, 8, 546.	2.1	5
9	Glycomic analysis of host response reveals high mannose as a key mediator of influenza severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26926-26935.	3.3	39
10	Viral RNA load in plasma is associated with critical illness and a dysregulated host response in COVID-19. <i>Critical Care</i> , 2020, 24, 691.	2.5	185
11	Defective Influenza A Virus RNA Products Mediate MAVS-Dependent Upregulation of Human Leukocyte Antigen Class I Proteins. <i>Journal of Virology</i> , 2020, 94, .	1.5	13
12	COVID-19 in children: the link in the transmission chain. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 633-634.	4.6	220
13	Historical H1N1 Influenza Virus Imprinting Increases Vaccine Protection by Influencing the Activity and Sustained Production of Antibodies Elicited at Vaccination in Ferrets. <i>Vaccines</i> , 2019, 7, 133.	2.1	22
14	Age-Related Pathology Associated with H1N1 A/California/07/2009 Influenza Virus Infection. <i>American Journal of Pathology</i> , 2019, 189, 2389-2399.	1.9	19
15	Back to the Future for Influenza Preimmunity—Looking Back at Influenza Virus History to Infer the Outcome of Future Infections. <i>Viruses</i> , 2019, 11, 122.	1.5	66
16	Influenza imprinting in childhood and the influence on vaccine response later in life. <i>Eurosurveillance</i> , 2019, 24, .	3.9	41
17	Assessment of Antiviral Properties of Peramivir against H7N9 Avian Influenza Virus in an Experimental Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7255-7264.	1.4	7
18	Influenza Transmission in the Mother-Infant Dyad Leads to Severe Disease, Mammary Gland Infection, and Pathogenesis by Regulating Host Responses. <i>PLoS Pathogens</i> , 2015, 11, e1005173.	2.1	51

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19	Impaired heterologous immunity in aged ferrets during sequential influenza A H1N1 infection. <i>Virology</i> , 2014, 464-465, 177-183.	1.1	41
20	Pathogenic influenza B virus in the ferret model establishes lower respiratory tract infection. <i>Journal of General Virology</i> , 2014, 95, 2127-2139.	1.3	28
21	Immunity toward H1N1 influenza hemagglutinin of historical and contemporary strains suggests protection and vaccine failure. <i>Scientific Reports</i> , 2013, 3, 1698.	1.6	18
22	Sequencing, Annotation, and Characterization of the Influenza Ferret Infectome. <i>Journal of Virology</i> , 2013, 87, 1957-1966.	1.5	44
23	Differential Pathological and Immune Responses in Newly Weaned Ferrets Are Associated with a Mild Clinical Outcome of Pandemic 2009 H1N1 Infection. <i>Journal of Virology</i> , 2012, 86, 13187-13201.	1.5	49
24	Seasonal H1N1 Influenza Virus Infection Induces Cross-Protective Pandemic H1N1 Virus Immunity through a CD8-Independent, B Cell-Dependent Mechanism. <i>Journal of Virology</i> , 2012, 86, 2229-2238.	1.5	50
25	Lack of Innate Interferon Responses during SARS Coronavirus Infection in a Vaccination and Reinfection Ferret Model. <i>PLoS ONE</i> , 2012, 7, e45842.	1.1	58
26	The current state of H5N1 vaccines and the use of the ferret model for influenza therapeutic and prophylactic development. <i>Journal of Infection in Developing Countries</i> , 2012, 6, 465-469.	0.5	32
27	Comparative Analyses of Pandemic H1N1 and Seasonal H1N1, H3N2, and Influenza B Infections Depict Distinct Clinical Pictures in Ferrets. <i>PLoS ONE</i> , 2011, 6, e27512.	1.1	72
28	Early gene expression events in ferrets in response to SARS coronavirus infection versus direct interferon-alpha2b stimulation. <i>Virology</i> , 2011, 409, 102-112.	1.1	40