

# Andrew Mehle

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

3,224  
citations

279487

23  
h-index

329751

37  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractalkine Preferentially Mediates Arrest and Migration of CD16+ Monocytes. <i>Journal of Experimental Medicine</i> , 2003, 197, 1701-1707.	4.2	500
2	Vif Overcomes the Innate Antiviral Activity of APOBEC3G by Promoting Its Degradation in the Ubiquitin-Proteasome Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 7792-7798.	1.6	409
3	Adaptive strategies of the influenza virus polymerase for replication in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21312-21316.	3.3	325
4	Phosphorylation of a novel SOCS-box regulates assembly of the HIV-1 Vif-Cul5 complex that promotes APOBEC3G degradation. <i>Genes and Development</i> , 2004, 18, 2861-2866.	2.7	259
5	Increased CCR5 Affinity and Reduced CCR5/CD4 Dependence of a Neurovirulent Primary Human Immunodeficiency Virus Type 1 Isolate. <i>Journal of Virology</i> , 2002, 76, 6277-6292.	1.5	211
6	A Zinc-binding Region in Vif Binds Cul5 and Determines Cullin Selection. <i>Journal of Biological Chemistry</i> , 2006, 281, 17259-17265.	1.6	160
7	An Inhibitory Activity in Human Cells Restricts the Function of an Avian-like Influenza Virus Polymerase. <i>Cell Host and Microbe</i> , 2008, 4, 111-122.	5.1	160
8	Highly Sensitive Real-Time <i>In Vivo</i> Imaging of an Influenza Reporter Virus Reveals Dynamics of Replication and Spread. <i>Journal of Virology</i> , 2013, 87, 13321-13329.	1.5	150
9	Reassortment and Mutation of the Avian Influenza Virus Polymerase PA Subunit Overcome Species Barriers. <i>Journal of Virology</i> , 2012, 86, 1750-1757.	1.5	112
10	Visualizing real-time influenza virus infection, transmission and protection in ferrets. <i>Nature Communications</i> , 2015, 6, 6378.	5.8	101
11	Identification of an APOBEC3G Binding Site in Human Immunodeficiency Virus Type 1 Vif and Inhibitors of Vif-APOBEC3G Binding. <i>Journal of Virology</i> , 2007, 81, 13235-13241.	1.5	97
12	Obesity Outweighs Protection Conferred by Adjuvanted Influenza Vaccination. <i>MBio</i> , 2016, 7, .	1.8	76
13	Differential Splicing of ANP32A in Birds Alters Its Ability to Stimulate RNA Synthesis by Restricted Influenza Polymerase. <i>Cell Reports</i> , 2018, 24, 2581-2588.e4.	2.9	65
14	Influenza virus recruits host protein kinase C to control assembly and activity of its replication machinery. <i>ELife</i> , 2017, 6, .	2.8	57
15	Phosphorylation at the Homotypic Interface Regulates Nucleoprotein Oligomerization and Assembly of the Influenza Virus Replication Machinery. <i>PLoS Pathogens</i> , 2015, 11, e1004826.	2.1	53
16	Ubiquitination Upregulates Influenza Virus Polymerase Function. <i>Journal of Virology</i> , 2016, 90, 10906-10914.	1.5	45
17	Influenza virus repurposes the antiviral protein IFIT2 to promote translation of viral mRNAs. <i>Nature Microbiology</i> , 2020, 5, 1490-1503.	5.9	45
18	Multi-Modal Imaging with a Toolbox of Influenza A Reporter Viruses. <i>Viruses</i> , 2015, 7, 5319-5327.	1.5	40

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19	Conserved Features of the PB2 627 Domain Impact Influenza Virus Polymerase Function and Replication. <i>Journal of Virology</i> , 2014, 88, 5977-5986.	1.5	37
20	<i>In Vivo</i> Imaging of Influenza Virus Infection in Immunized Mice. <i>MBio</i> , 2017, 8, .	1.8	36
21	Unusual Influenza A Viruses in Bats. <i>Viruses</i> , 2014, 6, 3438-3449.	1.5	32
22	EPS8 Facilitates Uncoating of Influenza A Virus. <i>Cell Reports</i> , 2019, 29, 2175-2183.e4.	2.9	29
23	Influenza A Virus Polymerase Is a Site for Adaptive Changes during Experimental Evolution in Bat Cells. <i>Journal of Virology</i> , 2014, 88, 12572-12585.	1.5	28
24	Influenza A virus undergoes compartmentalized replication in vivo dominated by stochastic bottlenecks. <i>Nature Communications</i> , 2022, 13, .	5.8	27
25	A Host of Factors Regulating Influenza Virus Replication. <i>Viruses</i> , 2010, 2, 566-573.	1.5	26
26	The Extracellular Domain of the $\alpha 2$ Integrin $\beta 2$ Subunit (CD18) Is Sufficient for <i>Escherichia coli</i> Hemolysin and <i>Aggregatibacter actinomycetemcomitans</i> Leukotoxin Cytotoxic Activity. <i>MBio</i> , 2019, 10, .	1.8	18
27	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase. <i>PLoS Pathogens</i> , 2020, 16, e1008841.	2.1	17
28	Fiat Luc: Bioluminescence Imaging Reveals In Vivo Viral Replication Dynamics. <i>PLoS Pathogens</i> , 2015, 11, e1005081.	2.1	17
29	Flu <sup>TM</sup> s cues: Exploiting host post-translational modifications to direct the influenza virus replication cycle. <i>PLoS Pathogens</i> , 2018, 14, e1007205.	2.1	12
30	Measuring Influenza Virus Infection Using Bioluminescent Reporter Viruses for In Vivo Imaging and In Vitro Replication Assays. <i>Methods in Molecular Biology</i> , 2018, 1836, 431-459.	0.4	12
31	Post-Translation Regulation of Influenza Virus Replication. <i>Annual Review of Virology</i> , 2020, 7, 167-187.	3.0	12
32	ANP32B, or not to be, that is the question for influenza virus. <i>ELife</i> , 2019, 8, .	2.8	11
33	Enisamium Reduces Influenza Virus Shedding and Improves Patient Recovery by Inhibiting Viral RNA Polymerase Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	10
34	Experimental Approaches to Identify Host Factors Important for Influenza Virus. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a038521.	2.9	9
35	The Avian Influenza Virus Polymerase Brings ANP32A Home to Roost. <i>Cell Host and Microbe</i> , 2016, 19, 137-138.	5.1	6
36	The later stages of viral infection: An undiscovered country of host dependency factors. <i>PLoS Pathogens</i> , 2020, 16, e1008777.	2.1	6

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37	Intramolecular ex vivo Fluorescence Resonance Energy Transfer (FRET) of Dihydropyridine Receptor (DHPR) $\beta$ 21a Subunit Reveals Conformational Change Induced by RYR1 in Mouse Skeletal Myotubes. PLoS ONE, 2015, 10, e0131399.	1.1	3
38	Host Factors Regulating the Influenza Virus Replication Machinery. , 2016, , 77-100.		1
39	Inhibitors of Peptidyl Proline Isomerases As Antivirals in Hepatitis C and Other Viruses. PLoS Pathogens, 2014, 10, e1004428.	2.1	0
40	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase. , 2020, 16, e1008841.		0
41	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase. , 2020, 16, e1008841.		0
42	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase. , 2020, 16, e1008841.		0
43	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase. , 2020, 16, e1008841.		0
44	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase. , 2020, 16, e1008841.		0