Andrew Mehle

List of Publications by Citations

45 papers	2,620 citations	22 h-index	51 g-index
51 ext. papers	2,925 ext. citations	9.3 avg, IF	5.07 L-index

#	Paper	IF	Citations
45	Fractalkine preferentially mediates arrest and migration of CD16+ monocytes. *Journal of Experimental Medicine*, **2003**, 197, 1701-7	16.6	437
44	Vif overcomes the innate antiviral activity of APOBEC3G by promoting its degradation in the ubiquitin-proteasome pathway. *Journal of Biological Chemistry*, **2004**, 279, 7792-8	5.4	372
43	Adaptive strategies of the influenza virus polymerase for replication in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 21312-6	11.5	273
42	Phosphorylation of a novel SOCS-box regulates assembly of the HIV-1 Vif-Cul5 complex that promotes APOBEC3G degradation. *Genes and Development*, **2004**, 18, 2861-6	12.6	246
41	Increased CCR5 affinity and reduced CCR5/CD4 dependence of a neurovirulent primary human immunodeficiency virus type 1 isolate. *Journal of Virology*, **2002**, 76, 6277-92	6.6	197
40	A zinc-binding region in Vif binds Cul5 and determines cullin selection. *Journal of Biological Chemistry*, **2006**, 281, 17259-17265	5.4	152
39	An inhibitory activity in human cells restricts the function of an avian-like influenza virus polymerase. *Cell Host and Microbe*, **2008**, 4, 111-22	23.4	128
38	Highly sensitive real-time in vivo imaging of an influenza reporter virus reveals dynamics of replication and spread. *Journal of Virology*, **2013**, 87, 13321-9	6.6	118
37	Reassortment and mutation of the avian influenza virus polymerase PA subunit overcome species barriers. *Journal of Virology*, **2012**, 86, 1750-7	6.6	90
36	Identification of an APOBEC3G binding site in human immunodeficiency virus type 1 Vif and inhibitors of Vif-APOBEC3G binding. *Journal of Virology*, **2007**, 81, 13235-41	6.6	87
35	Visualizing real-time influenza virus infection, transmission and protection in ferrets. *Nature Communications*, **2015**, 6, 6378	17.4	81
34	Obesity Outweighs Protection Conferred by Adjuvanted Influenza Vaccination. *MBio*, **2016**, 7,	7.8	51
33	Phosphorylation at the homotypic interface regulates nucleoprotein oligomerization and assembly of the influenza virus replication machinery. *PLoS Pathogens*, **2015**, 11, e1004826	7.6	44
32	Differential Splicing of ANP32A in Birds Alters Its Ability to Stimulate RNA Synthesis by Restricted Influenza Polymerase. *Cell Reports*, **2018**, 24, 2581-2588.e4	10.6	38
31	Influenza virus recruits host protein kinase C to control assembly and activity of its replication machinery. *ELife*, **2017**, 6,	8.9	36
30	Ubiquitination Upregulates Influenza Virus Polymerase Function. *Journal of Virology*, **2016**, 90, 10906-10914	5.64	29
29	Multi-Modal Imaging with a Toolbox of Influenza A Reporter Viruses. *Viruses*, **2015**, 7, 5319-27	6.2	28

28	Unusual influenza A viruses in bats. *Viruses*, **2014**, 6, 3438-49	6.2	25
27	A host of factors regulating influenza virus replication. *Viruses*, **2010**, 2, 566-73	6.2	24
26	Imaging of Influenza Virus Infection in Immunized Mice. *MBio*, **2017**, 8,	7.8	22
25	Conserved features of the PB2 627 domain impact influenza virus polymerase function and replication. *Journal of Virology*, **2014**, 88, 5977-86	6.6	22
24	Influenza A virus polymerase is a site for adaptive changes during experimental evolution in bat cells. *Journal of Virology*, **2014**, 88, 12572-85	6.6	22
23	Fiat Luc: Bioluminescence Imaging Reveals In Vivo Viral Replication Dynamics. *PLoS Pathogens*, **2015**, 11, e1005081	7.6	16
22	Influenza virus repurposes the antiviral protein IFIT2 to promote translation of viral mRNAs. *Nature Microbiology*, **2020**, 5, 1490-1503	26.6	15
21	The Extracellular Domain of the Integrin Subunit (CD18) Is Sufficient for Escherichia coli Hemolysin and Aggregatibacter actinomycetemcomitans Leukotoxin Cytotoxic Activity. *MBio*, **2019**, 10,	7.8	8
20	EPS8 Facilitates Uncoating of Influenza A Virus. *Cell Reports*, **2019**, 29, 2175-2183.e4	10.6	8
19	Flu's cues: Exploiting host post-translational modifications to direct the influenza virus replication cycle. *PLoS Pathogens*, **2018**, 14, e1007205	7.6	7
18	Post-Translation Regulation of Influenza Virus Replication. *Annual Review of Virology*, **2020**, 7, 167-187	14.6	6
17	Measuring Influenza Virus Infection Using Bioluminescent Reporter Viruses for In Vivo Imaging and In Vitro Replication Assays. *Methods in Molecular Biology*, **2018**, 1836, 431-459	1.4	6
16	ANP32B, or not to be, that is the question for influenza virus. *ELife*, **2019**, 8,	8.9	5
15	Experimental Approaches to Identify Host Factors Important for Influenza Virus. *Cold Spring Harbor Perspectives in Medicine*, **2020**, 10,	5.4	5
14	Structure and function of the influenza virus replication machinery and PB1-F2 **2013**, 133-145		4
13	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase. *PLoS Pathogens*, **2020**, 16, e1008841	7.6	4
12	Enisamium Reduces Influenza Virus Shedding and Improves Patient Recovery by Inhibiting Viral RNA Polymerase Activity. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	4
11	The Avian Influenza Virus Polymerase Brings ANP32A Home to Roost. *Cell Host and Microbe*, **2016**, 19, 137-8	23.4	3

10	Intramolecular ex vivo Fluorescence Resonance Energy Transfer (FRET) of Dihydropyridine Receptor (DHPR) 1a Subunit Reveals Conformational Change Induced by RYR1 in Mouse Skeletal Myotubes. *PLoS ONE*, **2015**, 10, e0131399	3.7	3
9	Alternative splicing liberates a cryptic cytoplasmic isoform of mitochondrial MECR that antagonizes influenza virus		1
8	EPS8 facilitates uncoating of influenza A virus		1
7	The later stages of viral infection: An undiscovered country of host dependency factors. *PLoS Pathogens*, **2020**, 16, e1008777	7.6	1
6	Inhibitors of peptidyl proline isomerases as antivirals in hepatitis C and other viruses. *PLoS Pathogens*, **2014**, 10, e1004428	7.6	
5	Phosphorylation controls RNA binding and transcription by the influenza virus polymerase **2020**, 16, e1008841		
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