Alex A Compton

List of Publications by Year
in descending order

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26 papers	1,960 citations	430843 18 h-index	713444 21 g-index
32 all docs	32 docs citations	32 times ranked	2763 citing authors

#	Article	IF	Citations
1	Lessons in self-defence: inhibition of virus entry by intrinsic immunity. Nature Reviews Immunology, 2022, 22, 339-352.	22.7	66
2	CD225 Proteins: A Family Portrait of Fusion Regulators. Trends in Genetics, 2021, 37, 406-410.	6.7	15
3	The Indirect Antiviral Potential of Long Noncoding RNAs Encoded by IFITM Pseudogenes. Journal of Virology, 2021, 95, e0068021.	3.4	5
4	Opposing activities of IFITM proteins in SARSâ€CoVâ€2 infection. EMBO Journal, 2021, 40, e106501.	7.8	172
5	Single-cell glycolytic activity regulates membrane tension and HIV-1 fusion. PLoS Pathogens, 2020, 16, e1008359.	4.7	28
6	IFITM3 Reduces Retroviral Envelope Abundance and Function and Is Counteracted by glycoGag. MBio, 2020, 11, .	4.1	25
7	Homology-guided identification of a conserved motif linking the antiviral functions of IFITM3 to its oligomeric state. ELife, 2020, 9, .	6.0	49
8	Single-cell glycolytic activity regulates membrane tension and HIV-1 fusion. , 2020, 16, e1008359.		0
9	Single-cell glycolytic activity regulates membrane tension and HIV-1 fusion. , 2020, 16, e1008359.		0
10	Single-cell glycolytic activity regulates membrane tension and HIV-1 fusion. , 2020, 16, e1008359.		0
11	Single-cell glycolytic activity regulates membrane tension and HIV-1 fusion. , 2020, 16, e1008359.		0
12	Single-cell glycolytic activity regulates membrane tension and HIV-1 fusion. , 2020, 16, e1008359.		0
13	Resveratrol trimer enhances gene delivery to hematopoietic stem cells by reducing antiviral restriction at endosomes. Blood, 2019, 134, 1298-1311.	1.4	27
14	mTOR inhibitors lower an intrinsic barrier to virus infection mediated by IFITM3. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10069-E10078.	7.1	65
15	Zika virus induces massive cytoplasmic vacuolization and paraptosisâ€like death in infected cells. EMBO Journal, 2017, 36, 1653-1668.	7.8	118
16	<scp>IFITM</scp> 3 requires an amphipathic helix for antiviral activity. EMBO Reports, 2017, 18, 1740-1751.	4.5	99
17	On the Whereabouts of HIV-1 Cellular Entry and Its Fusion Ports. Trends in Molecular Medicine, 2017, 23, 932-944.	6.7	20
18	They Might Be Giants: Does Syncytium Formation Sink or Spread HIV Infection?. PLoS Pathogens, 2017, 13, e1006099.	4.7	48

#	Article	IF	Citations
19	More than meets the I: the diverse antiviral and cellular functions of interferon-induced transmembrane proteins. Retrovirology, 2017, 14, 53.	2.0	105
20	Natural mutations in <scp>IFITM</scp>3 modulate postâ€translational regulation and toggle antiviral specificity. EMBO Reports, 2016, 17, 1657-1671.	4.5	93
21	IFITM Proteins Incorporated into HIV-1 Virions Impair Viral Fusion and Spread. Cell Host and Microbe, 2014, 16, 736-747.	11.0	184
22	Host gene evolution traces the evolutionary history of ancient primate lentiviruses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120496.	4.0	68
23	Convergence and Divergence in the Evolution of the APOBEC3G-Vif Interaction Reveal Ancient Origins of Simian Immunodeficiency Viruses. PLoS Pathogens, 2013, 9, e1003135.	4.7	108
24	The Host Restriction Factor APOBEC3G and Retroviral Vif Protein Coevolve due to Ongoing Genetic Conflict. Cell Host and Microbe, 2012, 11, 91-98.	11.0	101
25	Lytic Granule Loading of CD8+ T Cells Is Required for HIV-Infected Cell Elimination Associated with Immune Control. Immunity, 2008, 29, 1009-1021.	14.3	500
26	The hormonal herbicide, 2,4-dichlorophenoxyacetic acid, inhibits Xenopus oocyte maturation by targeting translational and post-translational mechanisms. Reproductive Toxicology, 2007, 23, 20-31.	2.9	36