

# Grant R Campbell

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

7,276  
citations

218677

26  
h-index

265206

42  
g-index

43  
all docs

43  
docs citations

43  
times ranked

17039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Identification of a candidate therapeutic autophagy-inducing peptide. <i>Nature</i> , 2013, 494, 201-206.	27.8	669
3	Vitamin D Inhibits Human Immunodeficiency Virus Type 1 and <i>Mycobacterium tuberculosis</i> Infection in Macrophages through the Induction of Autophagy. <i>PLoS Pathogens</i> , 2012, 8, e1002689.	4.7	240
4	Hormonally Active Vitamin D3 (1 $\alpha$ ,25-Dihydroxycholecalciferol) Triggers Autophagy in Human Macrophages That Inhibits HIV-1 Infection. <i>Journal of Biological Chemistry</i> , 2011, 286, 18890-18902.	3.4	137
5	Human Immunodeficiency Virus Type 1 Nef Inhibits Autophagy through Transcription Factor EB Sequestration. <i>PLoS Pathogens</i> , 2015, 11, e1005018.	4.7	123
6	Toll-Like Receptor 8 Ligands Activate a Vitamin D Mediated Autophagic Response that Inhibits Human Immunodeficiency Virus Type 1. <i>PLoS Pathogens</i> , 2012, 8, e1003017.	4.7	100
7	Antiretroviral Therapy Does Not Block the Secretion of the Human Immunodeficiency Virus Tat Protein. <i>Infectious Disorders - Drug Targets</i> , 2012, 12, 81-86.	0.8	96
8	SARS-CoV-2, SARS-CoV-1, and HIV-1 derived ssRNA sequences activate the NLRP3 inflammasome in human macrophages through a non-classical pathway. <i>IScience</i> , 2021, 24, 102295.	4.1	86
9	Autophagy induction by vitamin D inhibits both <i>Mycobacterium tuberculosis</i> and human immunodeficiency virus type 1. <i>Autophagy</i> , 2012, 8, 1523-1525.	9.1	81
10	The Glutamine-rich Region of the HIV-1 Tat Protein Is Involved in T-cell Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 48197-48204.	3.4	80
11	What does the structure-function relationship of the HIV-1 Tat protein teach us about developing an AIDS vaccine?. <i>Retrovirology</i> , 2009, 6, 50.	2.0	75
12	SMAC Mimetics Induce Autophagy-Dependent Apoptosis of HIV-1-Infected Resting Memory CD4+ T Cells. <i>Cell Host and Microbe</i> , 2018, 24, 689-702.e7.	11.0	60
13	Autophagy Induction by Histone Deacetylase Inhibitors Inhibits HIV Type 1. <i>Journal of Biological Chemistry</i> , 2015, 290, 5028-5040.	3.4	58
14	Human Immunodeficiency Virus Type 1 Subtype C Tat Fails To Induce Intracellular Calcium Flux and Induces Reduced Tumor Necrosis Factor Production from Monocytes. <i>Journal of Virology</i> , 2007, 81, 5919-5928.	3.4	54
15	HIV-1 Tat protein enhances microtubule polymerization. <i>Retrovirology</i> , 2005, 2, 5.	2.0	50
16	Induction of autophagy by PI3K/MTOR and PI3K/MTOR/BRD4 inhibitors suppresses HIV-1 replication. <i>Journal of Biological Chemistry</i> , 2018, 293, 5808-5820.	3.4	50
17	Homonuclear <sup>1</sup> H-NMR assignment and structural characterization of human immunodeficiency virus type 1 Tat Mal protein. <i>Biopolymers</i> , 2001, 62, 324-335.	2.4	45
18	CCL2 Increases X4-tropic HIV-1 Entry into Resting CD4+ T Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 30745-30753.	3.4	45

#	ARTICLE	IF	CITATIONS
19	TREM-1 Protects HIV-1-Infected Macrophages from Apoptosis through Maintenance of Mitochondrial Function. <i>MBio</i> , 2019, 10, .	4.1	42
20	Differential Induction of Interleukin-10 in Monocytes by HIV-1 Clade B and Clade C Tat Proteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 18319-18325.	3.4	39
21	The C Terminus of HIV-1 Tat Modulates the Extent of CD178-mediated Apoptosis of T Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 38376-38382.	3.4	36
22	Selective cell death of latently HIV-infected CD4+ T cells mediated by autosis inducing nanopeptides. <i>Cell Death and Disease</i> , 2019, 10, 419.	6.3	36
23	Tat HIV-1 Primary and Tertiary Structures Critical to Immune Response Against Non-homologous Variants. <i>Journal of Biological Chemistry</i> , 2002, 277, 35915-35919.	3.4	35
24	Inhibition of human immunodeficiency virus type-1 through autophagy. <i>Current Opinion in Microbiology</i> , 2013, 16, 349-354.	5.1	33
25	CD4 <sup>+</sup> T Cell-Mimicking Nanoparticles Broadly Neutralize HIV-1 and Suppress Viral Replication through Autophagy. <i>MBio</i> , 2020, 11, .	4.1	32
26	Differential Induction of Rat Neuronal Excitotoxic Cell Death by Human Immunodeficiency Virus Type 1 Clade B and C Tat Proteins. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 647-654.	1.1	24
27	Full-length HIV-1 Tat protein necessary for a vaccine. <i>Vaccine</i> , 2004, 22, 3105-3111.	3.8	23
28	SMAC mimetics induce autophagy-dependent apoptosis of HIV-1-infected macrophages. <i>Cell Death and Disease</i> , 2020, 11, 590.	6.3	22
29	Reservoir cells no longer detectable after a heterologous SHIV challenge with the synthetic HIV-1 Tat Oyi vaccine. <i>Retrovirology</i> , 2006, 3, 8.	2.0	20
30	HIV-1 Clade B Tat, but Not Clade C Tat, Increases X4 HIV-1 Entry into Resting but Not Activated CD4+ T Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 1681-1691.	3.4	20
31	Homonuclear 1H NMR and circular dichroism study of the HIV-1 Tat Eli variant. <i>Retrovirology</i> , 2008, 5, 83.	2.0	17
32	A possible improvement for structure-based drug design illustrated by the discovery of a Tat HIV-1 inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1543-1546.	2.2	15
33	DIABLO/SMAC mimetics selectively kill HIV-1-infected resting memory CD4 <sup>+</sup> T cells: a potential role in a cure strategy for HIV-1 infection. <i>Autophagy</i> , 2019, 15, 744-746.	9.1	13
34	Tat mutations in an African cohort that do not prevent transactivation but change its immunogenic properties. <i>Vaccine</i> , 2007, 25, 8441-8447.	3.8	12
35	Tat-Specific Binding IgG and Disease Progression in HIV Type 1-Infected Ugandans. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 587-594.	1.1	10
36	CD4+ T cell-mimicking nanoparticles encapsulating DIABLO/SMAC mimetics broadly neutralize HIV-1 and selectively kill HIV-1-infected cells. <i>Theranostics</i> , 2021, 11, 9009-9021.	10.0	10

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37	Current strategies to induce selective killing of HIV-1-infected cells. <i>Journal of Leukocyte Biology</i> , 2022, 112, 1273-1284.	3.3	9
38	Discovery of a Tat HIV-1 Inhibitor through Computer-Aided Drug Design. <i>Spectroscopy</i> , 2003, 17, 639-645.	0.8	8
39	Pacritinib Inhibition of IRAK1 Blocks Aberrant TLR8 Signalling by SARS-CoV-2 and HIV-1-Derived RNA. <i>Journal of Innate Immunity</i> , 2023, 15, 96-106.	3.8	8
40	Vitamin D attenuates nucleoside reverse transcriptase inhibitor induced human skeletal muscle mitochondria DNA depletion. <i>Aids</i> , 2013, 27, 1397-1401.	2.2	7
41	Induction of Autophagy to Achieve a Human Immunodeficiency Virus Type 1 Cure. <i>Cells</i> , 2021, 10, 1798.	4.1	2