A Phillip West

List of Publications by Year in Descending Order

37 papers	6,253 citations	23 h-index	50 g-index
50 ext. papers	7,634 ext. citations	18.3 avg, IF	6.03 L-index

#	Paper	IF	Citations
37	Neutralizing interleukin-6 in tumor-bearing mice does not abrogate behavioral fatigue induced by Lewis lung carcinoma. *Behavioural Brain Research*, **2022**, 417, 113607	3.4	
36	Assessing Mitochondrial DNA Release into the Cytosol and Subsequent Activation of Innate Immune-related Pathways in Mammalian Cells.. *Current Protocols*, **2022**, 2, e372		0
35	Elevated type I interferon responses potentiate metabolic dysfunction, inflammation, and accelerated aging in mtDNA mutator mice. *Science Advances*, **2021**, 7,	14.3	12
34	Loss of Mitochondrial Protease CLPP Activates Type I IFN Responses through the Mitochondrial DNA-cGAS-STING Signaling Axis. *Journal of Immunology*, **2021**, 206, 1890-1900	5.3	8
33	Increased presence of nuclear DNAJA3 and upregulation of cytosolic STAT1 and of nucleic acid sensors trigger innate immunity in the ClpP-null mouse. *Neurogenetics*, **2021**, 22, 297-312	3	1
32	Neuroimmune mechanisms of cognitive impairment in a mouse model of Gulf War illness. *Brain, Behavior, and Immunity*, **2021**, 97, 204-218	16.6	3
31	Sex differences in the behavioral and immune responses of mice to tumor growth and cancer therapy. *Brain, Behavior, and Immunity*, **2021**, 98, 161-172	16.6	0
30	The molecular basis of tight nuclear tethering and inactivation of cGAS. *Nature*, **2020**, 587, 673-677	50.4	71
29	TRIM14 Is a Key Regulator of the Type I IFN Response during Infection. *Journal of Immunology*, **2020**, 205, 153-167	5.3	16
28	Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a susceptibility factor for moyamoya disease. *Neurogenetics*, **2020**, 21, 187-203	3	6
27	A conserved PLPLRT/SD motif of STING mediates the recruitment and activation of TBK1. *Nature*, **2019**, 569, 718-722	50.4	104
26	The Splicing Factor hnRNP M Is a Critical Regulator of Innate Immune Gene Expression in Macrophages. *Cell Reports*, **2019**, 29, 1594-1609.e5	10.6	23
25	Impaired lysosomal acidification triggers iron deficiency and inflammation in vivo. *ELife*, **2019**, 8,	8.9	69
24	Impact of pharmacological agents on mitochondrial function: a growing opportunity?. *Biochemical Society Transactions*, **2019**, 47, 1757-1772	5.1	10
23	Mitochondrial DNA Stress Signalling Protects the Nuclear Genome. *Nature Metabolism*, **2019**, 1, 1209-1218	18.6	34
22	A virus-acquired host cytokine controls systemic aging by antagonizing apoptosis. *PLoS Biology*, **2018**, 16, e2005796	9.7	7
21	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. *Nature Medicine*, **2018**, 24, 50-61	50.5	134

20	Mitochondrial transcription factor A (TFAM) shapes metabolic and invasion gene signatures in melanoma. *Scientific Reports*, **2018**, 8, 14190	4.9	27
19	Mitochondrial DNA in innate immune responses and inflammatory pathology. *Nature Reviews Immunology*, **2017**, 17, 363-375	36.5	397
18	Mitochondrial dysfunction as a trigger of innate immune responses and inflammation. *Toxicology*, **2017**, 391, 54-63	4.4	89
17	Mitochondrial DNA stress primes the antiviral innate immune response. *Nature*, **2015**, 520, 553-7	50.4	831
16	Suppression of NLRX1 in chronic obstructive pulmonary disease. *Journal of Clinical Investigation*, **2015**, 125, 2458-62	15.9	50
15	Aging-dependent alterations in gene expression and a mitochondrial signature of responsiveness to human influenza vaccination. *Aging*, **2015**, 7, 38-52	5.6	44
14	MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2014**, 306, L604-19	5.8	60
13	Apoptotic caspases prevent the induction of type I interferons by mitochondrial DNA. *Cell*, **2014**, 159, 1563-77	56.2	434
12	Mitochondria in innate immune responses. *Nature Reviews Immunology*, **2011**, 11, 389-402	36.5	821
11	TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. *Nature*, **2011** , 472, 476-80	50.4	994
10	IkappaBbeta acts to inhibit and activate gene expression during the inflammatory response. *Nature* , **2010**, 466, 1115-9	50.4	136
9	Subversion of innate immune responses by Brucella through the targeted degradation of the TLR signaling adapter, MAL. *Journal of Immunology*, **2010**, 184, 956-64	5.3	86
8	SnapShot: NF-kappaB signaling pathways. *Cell*, **2006**, 127, 1286-7	56.2	46
7	Recognition and signaling by toll-like receptors. *Annual Review of Cell and Developmental Biology*, **2006**, 22, 409-37	12.6	530
6	NF-kappaB and the immune response. *Oncogene*, **2006**, 25, 6758-80	9.2	901
5	Gangliosides inhibit flagellin signaling in the absence of an effect on flagellin binding to toll-like receptor 5. *Journal of Biological Chemistry*, **2005**, 280, 9482-8	5.4	31
4	Induction of macrophage nitric oxide production by Gram-negative flagellin involves signaling via heteromeric Toll-like receptor 5/Toll-like receptor 4 complexes. *Journal of Immunology*, **2003**, 170, 6217-23	5.3	156
3	Identification of a sequence in human toll-like receptor 5 required for the binding of Gram-negative flagellin. *Journal of Biological Chemistry*, **2003**, 278, 23624-9	5.4	118

2	Loss of mitochondrial protease CLPP activates type I interferon responses through the mtDNA-cGAS-STING signaling axis	1
1	TRIM14 is a key regulator of the type I interferon response during Mycobacterium tuberculosis infection	2