

# A Phillip West

## List of Publications by Citations

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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	TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. <i>Nature</i> , <b>2011</b> , 472, 476-80	50.4	994
36	NF-kappaB and the immune response. <i>Oncogene</i> , <b>2006</b> , 25, 6758-80	9.2	901
35	Mitochondrial DNA stress primes the antiviral innate immune response. <i>Nature</i> , <b>2015</b> , 520, 553-7	50.4	831
34	Mitochondria in innate immune responses. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 389-402	36.5	821
33	Recognition and signaling by toll-like receptors. <i>Annual Review of Cell and Developmental Biology</i> , <b>2006</b> , 22, 409-37	12.6	530
32	Apoptotic caspases prevent the induction of type I interferons by mitochondrial DNA. <i>Cell</i> , <b>2014</b> , 159, 1563-77	56.2	434
31	Mitochondrial DNA in innate immune responses and inflammatory pathology. <i>Nature Reviews Immunology</i> , <b>2017</b> , 17, 363-375	36.5	397
30	Induction of macrophage nitric oxide production by Gram-negative flagellin involves signaling via heteromeric Toll-like receptor 5/Toll-like receptor 4 complexes. <i>Journal of Immunology</i> , <b>2003</b> , 170, 6217-23	5.3	156
29	IkappaBbeta acts to inhibit and activate gene expression during the inflammatory response. <i>Nature</i> , <b>2010</b> , 466, 1115-9	50.4	136
28	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. <i>Nature Medicine</i> , <b>2018</b> , 24, 50-61	50.5	134
27	Identification of a sequence in human toll-like receptor 5 required for the binding of Gram-negative flagellin. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 23624-9	5.4	118
26	A conserved PLPLRT/SD motif of STING mediates the recruitment and activation of TBK1. <i>Nature</i> , <b>2019</b> , 569, 718-722	50.4	104
25	Mitochondrial dysfunction as a trigger of innate immune responses and inflammation. <i>Toxicology</i> , <b>2017</b> , 391, 54-63	4.4	89
24	Subversion of innate immune responses by Brucella through the targeted degradation of the TLR signaling adapter, MAL. <i>Journal of Immunology</i> , <b>2010</b> , 184, 956-64	5.3	86
23	The molecular basis of tight nuclear tethering and inactivation of cGAS. <i>Nature</i> , <b>2020</b> , 587, 673-677	50.4	71
22	Impaired lysosomal acidification triggers iron deficiency and inflammation in vivo. <i>ELife</i> , <b>2019</b> , 8,	8.9	69
21	MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2014</b> , 306, L604-19	5.8	60

20	Suppression of NLRX1 in chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 2458-62	15.9	50
19	SnapShot: NF-kappaB signaling pathways. <i>Cell</i> , <b>2006</b> , 127, 1286-7	56.2	46
18	Aging-dependent alterations in gene expression and a mitochondrial signature of responsiveness to human influenza vaccination. <i>Aging</i> , <b>2015</b> , 7, 38-52	5.6	44
17	Mitochondrial DNA Stress Signalling Protects the Nuclear Genome. <i>Nature Metabolism</i> , <b>2019</b> , 1, 1209-1218	18.6	34
16	Gangliosides inhibit flagellin signaling in the absence of an effect on flagellin binding to toll-like receptor 5. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 9482-8	5.4	31
15	Mitochondrial transcription factor A (TFAM) shapes metabolic and invasion gene signatures in melanoma. <i>Scientific Reports</i> , <b>2018</b> , 8, 14190	4.9	27
14	The Splicing Factor hnRNP M Is a Critical Regulator of Innate Immune Gene Expression in Macrophages. <i>Cell Reports</i> , <b>2019</b> , 29, 1594-1609.e5	10.6	23
13	TRIM14 Is a Key Regulator of the Type I IFN Response during Infection. <i>Journal of Immunology</i> , <b>2020</b> , 205, 153-167	5.3	16
12	Elevated type I interferon responses potentiate metabolic dysfunction, inflammation, and accelerated aging in mtDNA mutator mice. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	12
11	Impact of pharmacological agents on mitochondrial function: a growing opportunity?. <i>Biochemical Society Transactions</i> , <b>2019</b> , 47, 1757-1772	5.1	10
10	Loss of Mitochondrial Protease CLPP Activates Type I IFN Responses through the Mitochondrial DNA-cGAS-STING Signaling Axis. <i>Journal of Immunology</i> , <b>2021</b> , 206, 1890-1900	5.3	8
9	A virus-acquired host cytokine controls systemic aging by antagonizing apoptosis. <i>PLoS Biology</i> , <b>2018</b> , 16, e2005796	9.7	7
8	Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a susceptibility factor for moyamoya disease. <i>Neurogenetics</i> , <b>2020</b> , 21, 187-203	3	6
7	Neuroimmune mechanisms of cognitive impairment in a mouse model of Gulf War illness. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 97, 204-218	16.6	3
6	TRIM14 is a key regulator of the type I interferon response during Mycobacterium tuberculosis infection		2
5	Loss of mitochondrial protease CLPP activates type I interferon responses through the mtDNA-cGAS-STING signaling axis		1
4	Increased presence of nuclear DNAJA3 and upregulation of cytosolic STAT1 and of nucleic acid sensors trigger innate immunity in the ClpP-null mouse. <i>Neurogenetics</i> , <b>2021</b> , 22, 297-312	3	1
3	Sex differences in the behavioral and immune responses of mice to tumor growth and cancer therapy. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 98, 161-172	16.6	0

- 2 Assessing Mitochondrial DNA Release into the Cytosol and Subsequent Activation of Innate Immune-related Pathways in Mammalian Cells.. *Current Protocols*, **2022**, 2, e372 o
- 1 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