

# A Phillip West

## List of Publications by Year in descending order

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38  
papers

8,736  
citations

236925

25  
h-index

315739

38  
g-index

50  
all docs

50  
docs citations

50  
times ranked

14722  
citing authors

#	ARTICLE	IF	CITATIONS
1	TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. <i>Nature</i> , 2011, 472, 476-480.	27.8	1,303
2	Mitochondrial DNA stress primes the antiviral innate immune response. <i>Nature</i> , 2015, 520, 553-557.	27.8	1,255
3	Mitochondria in innate immune responses. <i>Nature Reviews Immunology</i> , 2011, 11, 389-402.	22.7	1,062
4	NF- $\kappa$ B and the immune response. <i>Oncogene</i> , 2006, 25, 6758-6780.	5.9	1,050
5	Mitochondrial DNA in innate immune responses and inflammatory pathology. <i>Nature Reviews Immunology</i> , 2017, 17, 363-375.	22.7	658
6	Apoptotic Caspases Prevent the Induction of Type I Interferons by Mitochondrial DNA. <i>Cell</i> , 2014, 159, 1563-1577.	28.9	625
7	Recognition and Signaling by Toll-Like Receptors. <i>Annual Review of Cell and Developmental Biology</i> , 2006, 22, 409-437.	9.4	612
8	A conserved PLPLRT/SD motif of STING mediates the recruitment and activation of TBK1. <i>Nature</i> , 2019, 569, 718-722.	27.8	221
9	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. <i>Nature Medicine</i> , 2018, 24, 50-61.	30.7	205
10	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> , 2003, 170, 6217-6223.	0.8	177
11	$\text{I}\kappa\text{B}\beta$ acts to inhibit and activate gene expression during the inflammatory response. <i>Nature</i> , 2010, 466, 1115-1119.	27.8	175
12	The molecular basis of tight nuclear tethering and inactivation of cGAS. <i>Nature</i> , 2020, 587, 673-677.	27.8	139
13	Impaired lysosomal acidification triggers iron deficiency and inflammation in vivo. <i>ELife</i> , 2019, 8, .	6.0	138
14	Mitochondrial dysfunction as a trigger of innate immune responses and inflammation. <i>Toxicology</i> , 2017, 391, 54-63.	4.2	135
15	Identification of a Sequence in Human Toll-like Receptor 5 Required for the Binding of Gram-negative Flagellin. <i>Journal of Biological Chemistry</i> , 2003, 278, 23624-23629.	3.4	127
16	Subversion of Innate Immune Responses by <i>Brucella</i> through the Targeted Degradation of the TLR Signaling Adapter, MAL. <i>Journal of Immunology</i> , 2010, 184, 956-964.	0.8	104
17	Mitochondrial DNA stress signalling protects the nuclear genome. <i>Nature Metabolism</i> , 2019, 1, 1209-1218.	11.9	87
18	MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L604-L619.	2.9	74

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19	Ageing-dependent alterations in gene expression and a mitochondrial signature of responsiveness to human influenza vaccination. <i>Aging</i> , 2015, 7, 38-52.	3.1	72
20	SnapShot: NF- $\kappa$ B Signaling Pathways. <i>Cell</i> , 2006, 127, 1286.e1-1286.e2.	28.9	67
21	Suppression of NLRX1 in chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , 2015, 125, 2458-2462.	8.2	65
22	Elevated type I interferon responses potentiate metabolic dysfunction, inflammation, and accelerated aging in mtDNA mutator mice. <i>Science Advances</i> , 2021, 7, .	10.3	63
23	The Splicing Factor hnRNP M Is a Critical Regulator of Innate Immune Gene Expression in Macrophages. <i>Cell Reports</i> , 2019, 29, 1594-1609.e5.	6.4	57
24	Mitochondrial transcription factor A (TFAM) shapes metabolic and invasion gene signatures in melanoma. <i>Scientific Reports</i> , 2018, 8, 14190.	3.3	41
25	TRIM14 Is a Key Regulator of the Type I IFN Response during <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of Immunology</i> , 2020, 205, 153-167.	0.8	36
26	Gangliosides Inhibit Flagellin Signaling in the Absence of an Effect on Flagellin Binding to Toll-like Receptor 5. <i>Journal of Biological Chemistry</i> , 2005, 280, 9482-9488.	3.4	34
27	Impact of pharmacological agents on mitochondrial function: a growing opportunity?. <i>Biochemical Society Transactions</i> , 2019, 47, 1757-1772.	3.4	31
28	Loss of Mitochondrial Protease CLPP Activates Type I IFN Responses through the Mitochondrial DNA- $\kappa$ GAS- $\kappa$ STING Signaling Axis. <i>Journal of Immunology</i> , 2021, 206, 1890-1900.	0.8	27
29	Assessing Mitochondrial DNA Release into the Cytosol and Subsequent Activation of Innate Immune-related Pathways in Mammalian Cells. <i>Current Protocols</i> , 2022, 2, e372.	2.9	22
30	Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a susceptibility factor for moyamoya disease. <i>Neurogenetics</i> , 2020, 21, 187-203.	1.4	14
31	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> , 2021, 22, 297-312.	1.4	9
32	Neuroimmune mechanisms of cognitive impairment in a mouse model of Gulf War illness. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 204-218.	4.1	9
33	A virus-acquired host cytokine controls systemic aging by antagonizing apoptosis. <i>PLoS Biology</i> , 2018, 16, e2005796.	5.6	8
34	Age-Dependent Decline in Neuron Growth Potential and Mitochondria Functions in Cortical Neurons. <i>Cells</i> , 2021, 10, 1625.	4.1	6
35	Sex differences in the behavioral and immune responses of mice to tumor growth and cancer therapy. <i>Brain, Behavior, and Immunity</i> , 2021, 98, 161-172.	4.1	6
36	Inactivity of Peptidase ClpP Causes Primary Accumulation of Mitochondrial Disaggregase ClpX with Its Interacting Nucleoid Proteins, and of mtDNA. <i>Cells</i> , 2021, 10, 3354.	4.1	4

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37	Neutralizing interleukin-6 in tumor-bearing mice does not abrogate behavioral fatigue induced by Lewis lung carcinoma. Behavioural Brain Research, 2022, 417, 113607.	2.2	3
38	Editorial. Mitochondrion, 2018, 41, 1.	3.4	1