A Phillip West

List of Publications by Year
in descending order

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	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
2	Assessing Mitochondrial DNA Release into the Cytosol and Subsequent Activation of Innate Immuneâ€related Pathways in Mammalian Cells. Current Protocols, 2022, 2, e372.	2.9	22
3	Loss of Mitochondrial Protease CLPP Activates Type I IFN Responses through the Mitochondrial DNAâ€"cGASâ€"STING Signaling Axis. Journal of Immunology, 2021, 206, 1890-1900.	0.8	27
4	Elevated type I interferon responses potentiate metabolic dysfunction, inflammation, and accelerated aging in mtDNA mutator mice. Science Advances, 2021, 7, .	10.3	63
5	Age-Dependent Decline in Neuron Growth Potential and Mitochondria Functions in Cortical Neurons. Cells, 2021, 10, 1625.	4.1	6
6	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.	1.4	9
7	Neuroimmune mechanisms of cognitive impairment in a mouse model of Gulf War illness. Brain, Behavior, and Immunity, 2021, 97, 204-218.	4.1	9
8	Sex differences in the behavioral and immune responses of mice to tumor growth and cancer therapy. Brain, Behavior, and Immunity, 2021, 98, 161-172.	4.1	6
9	Inactivity of Peptidase ClpP Causes Primary Accumulation of Mitochondrial Disaggregase ClpX with Its Interacting Nucleoid Proteins, and of mtDNA. Cells, 2021, 10, 3354.	4.1	4
10	The molecular basis of tight nuclear tethering and inactivation of cGAS. Nature, 2020, 587, 673-677.	27.8	139
11	TRIM14 Is a Key Regulator of the Type I IFN Response during <i>Mycobacterium tuberculosis</i> Infection. Journal of Immunology, 2020, 205, 153-167.	0.8	36
12	Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a susceptibility factor for moyamoya disease. Neurogenetics, 2020, 21, 187-203.	1.4	14
13	The Splicing Factor hnRNP M Is a Critical Regulator of Innate Immune Gene Expression in Macrophages. Cell Reports, 2019, 29, 1594-1609.e5.	6.4	57
14	A conserved PLPLRT/SD motif of STING mediates the recruitment and activation of TBK1. Nature, 2019, 569, 718-722.	27.8	221
15	Mitochondrial DNA stress signalling protects the nuclear genome. Nature Metabolism, 2019, 1, 1209-1218.	11.9	87
16	Impact of pharmacological agents on mitochondrial function: a growing opportunity?. Biochemical Society Transactions, 2019, 47, 1757-1772.	3.4	31
17	Impaired lysosomal acidification triggers iron deficiency and inflammation in vivo. ELife, 2019, 8, .	6.0	138
18	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. Nature Medicine, 2018, 24, 50-61.	30.7	205

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19	Mitochondrial transcription factor A (TFAM) shapes metabolic and invasion gene signatures in melanoma. Scientific Reports, 2018, 8, 14190.	3.3	41
20	A virus-acquired host cytokine controls systemic aging by antagonizing apoptosis. PLoS Biology, 2018, 16, e2005796.	5.6	8
21	Editorial. Mitochondrion, 2018, 41, 1.	3.4	1
22	Mitochondrial DNA in innate immune responses and inflammatory pathology. Nature Reviews Immunology, 2017, 17, 363-375.	22.7	658
23	Mitochondrial dysfunction as a trigger of innate immune responses and inflammation. Toxicology, 2017, 391, 54-63.	4.2	135
24	Mitochondrial DNA stress primes the antiviral innate immune response. Nature, 2015, 520, 553-557.	27.8	1,255
25	Suppression of NLRX1 in chronic obstructive pulmonary disease. Journal of Clinical Investigation, 2015, 125, 2458-2462.	8.2	65
26	Aging-dependent alterations in gene expression and a mitochondrial signature of responsiveness to human influenza vaccination. Aging, 2015, 7, 38-52.	3.1	72
27	Apoptotic Caspases Prevent the Induction of Type I Interferons by Mitochondrial DNA. Cell, 2014, 159, 1563-1577.	28.9	625
28	MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L604-L619.	2.9	74
29	Mitochondria in innate immune responses. Nature Reviews Immunology, 2011, 11, 389-402.	22.7	1,062
30	TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. Nature, 2011, 472, 476-480.	27.8	1,303
31	IÎºBÎ² acts to inhibit and activate gene expression during the inflammatory response. Nature, 2010, 466, 1115-1119.	27.8	175
32	Subversion of Innate Immune Responses by <i>Brucella</i> through the Targeted Degradation of the TLR Signaling Adapter, MAL. Journal of Immunology, 2010, 184, 956-964.	0.8	104
33	SnapShot: NF-Îº B Signaling Pathways. Cell, 2006, 127, 1286.e1-1286.e2.	28.9	67
34	Recognition and Signaling by Toll-Like Receptors. Annual Review of Cell and Developmental Biology, 2006, 22, 409-437.	9.4	612
35	NF-ÎºB and the immune response. Oncogene, 2006, 25, 6758-6780.	5.9	1,050
36	Gangliosides Inhibit Flagellin Signaling in the Absence of an Effect on Flagellin Binding to Toll-like Receptor 5. Journal of Biological Chemistry, 2005, 280, 9482-9488.	3.4	34

#	Article	IF	Citations
37	Identification of a Sequence in Human Toll-like Receptor 5 Required for the Binding of Gram-negative Flagellin. Journal of Biological Chemistry, 2003, 278, 23624-23629.	3.4	127
38	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, 6217-6223.	0.8	177