

Evan G Williams

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,735
citations

394421

19
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

7532
citing authors

#	ARTICLE	IF	CITATIONS
1	Urolithin A induces mitophagy and prolongs lifespan in <i>C. elegans</i> and increases muscle function in rodents. <i>Nature Medicine</i> , 2016, 22, 879-888.	30.7	668
2	Tetracyclines Disturb Mitochondrial Function across Eukaryotic Models: A Call for Caution in Biomedical Research. <i>Cell Reports</i> , 2015, 10, 1681-1691.	6.4	385
3	Two Conserved Histone Demethylases Regulate Mitochondrial Stress-Induced Longevity. <i>Cell</i> , 2016, 165, 1209-1223.	28.9	279
4	Systems proteomics of liver mitochondria function. <i>Science</i> , 2016, 352, aad0189.	12.6	257
5	Multi-omic measurements of heterogeneity in HeLa cells across laboratories. <i>Nature Biotechnology</i> , 2019, 37, 314-322.	17.5	254
6	NCoR1 Is a Conserved Physiological Modulator of Muscle Mass and Oxidative Function. <i>Cell</i> , 2011, 147, 827-839.	28.9	228
7	Multilayered Genetic and Omics Dissection of Mitochondrial Activity in a Mouse Reference Population. <i>Cell</i> , 2014, 158, 1415-1430.	28.9	222
8	Systems Genetics of Metabolism: The Use of the BXD Murine Reference Panel for Multiscalar Integration of Traits. <i>Cell</i> , 2012, 150, 1287-1299.	28.9	212
9	Pharmacological Inhibition of Poly(ADP-Ribose) Polymerases Improves Fitness and Mitochondrial Function in Skeletal Muscle. <i>Cell Metabolism</i> , 2014, 19, 1034-1041.	16.2	211
10	Murine Gut Microbiota Is Defined by Host Genetics and Modulates Variation of Metabolic Traits. <i>PLoS ONE</i> , 2012, 7, e39191.	2.5	198
11	Joint mouse-human phenome-wide association to test gene function and disease risk. <i>Nature Communications</i> , 2016, 7, 10464.	12.8	190
12	Regulation of Steatohepatitis and PPAR γ Signaling by Distinct AP-1 Dimers. <i>Cell Metabolism</i> , 2014, 19, 84-95.	16.2	99
13	Evidence for a Direct Effect of the NAD $^{+}$ Precursor Acipimox on Muscle Mitochondrial Function in Humans. <i>Diabetes</i> , 2015, 64, 1193-1201.	0.6	99
14	The Convergence of Systems and Reductionist Approaches in Complex Trait Analysis. <i>Cell</i> , 2015, 162, 23-32.	28.9	75
15	Diagnostics and correction of batch effects in large-scale proteomic studies: a tutorial. <i>Molecular Systems Biology</i> , 2021, 17, e10240.	7.2	57
16	An Evolutionarily Conserved Role for the Aryl Hydrocarbon Receptor in the Regulation of Movement. <i>PLoS Genetics</i> , 2014, 10, e1004673.	3.5	50
17	Quantifying and Localizing the Mitochondrial Proteome Across Five Tissues in A Mouse Population. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1766-1777.	3.8	50
18	Resources for Systems Genetics. <i>Methods in Molecular Biology</i> , 2017, 1488, 3-29.	0.9	42

#	ARTICLE	IF	CITATIONS
19	Mitochondrial translation and dynamics synergistically extend lifespan in <i>C. elegans</i> through HLH-30. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	37
20	Gene-by-environment modulation of lifespan and weight gain in the murine BXD family. <i>Nature Metabolism</i> , 2021, 3, 1217-1227.	11.9	27
21	The mouse metallomic landscape of aging and metabolism. <i>Nature Communications</i> , 2022, 13, 607.	12.8	18
22	The Movement Tracker: A Flexible System for Automated Movement Analysis in Invertebrate Model Organisms. <i>Current Protocols in Neuroscience</i> , 2016, 77, 8.37.1-8.37.21.	2.6	15
23	A new class of protein biomarkers based on subcellular distribution: application to a mouse liver cancer model. <i>Scientific Reports</i> , 2019, 9, 6913.	3.3	12
24	Application of SWATH Proteomics to Mouse Biology. <i>Current Protocols in Mouse Biology</i> , 2017, 7, 130-143.	1.2	8
25	Diet modulates cecum bacterial diversity and physiological phenotypes across the BXD mouse genetic reference population. <i>PLoS ONE</i> , 2019, 14, e0224100.	2.5	6
26	JCAD: from systems genetics identification to the experimental validation of a coronary artery disease risk locus. <i>European Heart Journal</i> , 2019, 40, 2409-2412.	2.2	4