

# Evan G Williams

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7059356/publications.pdf>

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	The mouse metallomic landscape of aging and metabolism. <i>Nature Communications</i> , 2022, 13, 607.	12.8	18
2	Diagnostics and correction of batch effects in large-scale proteomic studies: a tutorial. <i>Molecular Systems Biology</i> , 2021, 17, e10240.	7.2	57
3	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
4	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
5	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
6	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
7	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
8	Multi-omic measurements of heterogeneity in HeLa cells across laboratories. <i>Nature Biotechnology</i> , 2019, 37, 314-322.	17.5	254
9	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
10	Application of SWATH Proteomics to Mouse Biology. <i>Current Protocols in Mouse Biology</i> , 2017, 7, 130-143.	1.2	8
11	Resources for Systems Genetics. <i>Methods in Molecular Biology</i> , 2017, 1488, 3-29.	0.9	42
12	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
13	Two Conserved Histone Demethylases Regulate Mitochondrial Stress-Induced Longevity. <i>Cell</i> , 2016, 165, 1209-1223.	28.9	279
14	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
15	Joint mouse-human phenome-wide association to test gene function and disease risk. <i>Nature Communications</i> , 2016, 7, 10464.	12.8	190
16	Systems proteomics of liver mitochondria function. <i>Science</i> , 2016, 352, aad0189.	12.6	257
17	The Convergence of Systems and Reductionist Approaches in Complex Trait Analysis. <i>Cell</i> , 2015, 162, 23-32.	28.9	75
18	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

#	ARTICLE	IF	CITATIONS
19	Evidence for a Direct Effect of the NAD <sup>+</sup> Precursor Acipimox on Muscle Mitochondrial Function in Humans. <i>Diabetes</i> , 2015, 64, 1193-1201.	0.6	99
20	An Evolutionarily Conserved Role for the Aryl Hydrocarbon Receptor in the Regulation of Movement. <i>PLoS Genetics</i> , 2014, 10, e1004673.	3.5	50
21	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
22	Regulation of Steatohepatitis and PPAR $\delta$ Signaling by Distinct AP-1 Dimers. <i>Cell Metabolism</i> , 2014, 19, 84-95.	16.2	99
23	Multilayered Genetic and Omics Dissection of Mitochondrial Activity in a Mouse Reference Population. <i>Cell</i> , 2014, 158, 1415-1430.	28.9	222
24	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
25	Murine Gut Microbiota Is Defined by Host Genetics and Modulates Variation of Metabolic Traits. <i>PLoS ONE</i> , 2012, 7, e39191.	2.5	198
26	NCoR1 Is a Conserved Physiological Modulator of Muscle Mass and Oxidative Function. <i>Cell</i> , 2011, 147, 827-839.	28.9	228