

David W Walker

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,431
citations

430442

18
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

4640
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut mitochondrial defects drive neurodegeneration. <i>Nature Aging</i> , 2022, 2, 277-279.	5.3	3
2	Neuronal induction of BNIP3-mediated mitophagy slows systemic aging in <i>Drosophila</i> . <i>Nature Aging</i> , 2022, 2, 494-507.	5.3	17
3	Role of Prohibitins in Aging and Therapeutic Potential Against Age-Related Diseases. <i>Frontiers in Genetics</i> , 2021, 12, 714228.	1.1	10
4	The selective autophagy receptor SQSTM1/p62 improves lifespan and proteostasis in an evolutionarily conserved manner. <i>Autophagy</i> , 2020, 16, 772-774.	4.3	20
5	Upregulation of the Autophagy Adaptor p62/SQSTM1 Prolongs Health and Lifespan in Middle-Aged <i>Drosophila</i> . <i>Cell Reports</i> , 2019, 28, 1029-1040.e5.	2.9	90
6	Rapamycin modulates tissue aging and lifespan independently of the gut microbiota in <i>Drosophila</i> . <i>Scientific Reports</i> , 2019, 9, 7824.	1.6	66
7	Proteasome β 5 subunit overexpression improves proteostasis during aging and extends lifespan in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2019, 9, 3170.	1.6	36
8	Keeping it tight: The relationship between bacterial dysbiosis, septate junctions, and the intestinal barrier in <i>Drosophila</i> . <i>Fly</i> , 2018, 12, 34-40.	0.9	14
9	Role of gut microbiota in aging-related health decline: insights from invertebrate models. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 93-101.	2.4	79
10	Intestinal Snakeskin Limits Microbial Dysbiosis during Aging and Promotes Longevity. <i>iScience</i> , 2018, 9, 229-243.	1.9	55
11	Autophagy as a promoter of longevity: insights from model organisms. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 579-593.	16.1	513
12	Tricellular junctions regulate intestinal stem cell behaviour to maintain homeostasis. <i>Nature Cell Biology</i> , 2017, 19, 52-59.	4.6	90
13	Promoting Drp1-mediated mitochondrial fission in midlife prolongs healthy lifespan of <i>Drosophila melanogaster</i> . <i>Nature Communications</i> , 2017, 8, 448.	5.8	209
14	Distinct Shifts in Microbiota Composition during <i>Drosophila</i> Aging Impair Intestinal Function and Drive Mortality. <i>Cell Reports</i> , 2015, 12, 1656-1667.	2.9	382
15	AMPK Modulates Tissue and Organismal Aging in a Non-Cell-Autonomous Manner. <i>Cell Reports</i> , 2014, 8, 1767-1780.	2.9	241
16	Organ-specific mediation of lifespan extension: More than a gut feeling?. <i>Ageing Research Reviews</i> , 2013, 12, 436-444.	5.0	96
17	Parkin overexpression during aging reduces proteotoxicity, alters mitochondrial dynamics, and extends lifespan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8638-8643.	3.3	278
18	Intestinal barrier dysfunction links metabolic and inflammatory markers of aging to death in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21528-21533.	3.3	479

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19	Modulation of Longevity and Tissue Homeostasis by the Drosophila PGC-1 Homolog. Cell Metabolism, 2011, 14, 623-634.	7.2	369
20	The Role of Mitochondria in Drosophila Aging. Experimental Gerontology, 2011, 46, 331-334.	1.2	62
21	Overexpression of a Drosophila Homolog of Apolipoprotein D Leads to Increased Stress Resistance and Extended Lifespan. Current Biology, 2006, 16, 674-679.	1.8	115
22	Hypersensitivity to oxygen and shortened lifespan in a Drosophila mitochondrial complex II mutant. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16382-16387.	3.3	96
23	Mitochondrial "swirls" induced by oxygen stress and in the Drosophila mutant hyperswirl. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10290-10295.	3.3	101