

Derek M Huffman

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,375
citations

279798

23
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

3976
citing authors

#	ARTICLE	IF	CITATIONS
1	SIRT1 Is Significantly Elevated in Mouse and Human Prostate Cancer. <i>Cancer Research</i> , 2007, 67, 6612-6618.	0.9	403
2	Relationships between Rodent White Adipose Fat Pads and Human White Adipose Fat Depots. <i>Frontiers in Nutrition</i> , 2016, 3, 10.	3.7	239
3	Humanin: A Novel Central Regulator of Peripheral Insulin Action. <i>PLoS ONE</i> , 2009, 4, e6334.	2.5	200
4	Naturally occurring mitochondrial-derived peptides are age-dependent regulators of apoptosis, insulin sensitivity, and inflammatory markers. <i>Aging</i> , 2016, 8, 796-809.	3.1	185
5	Role of visceral adipose tissue in aging. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1117-1123.	2.4	160
6	The Somatotrophic Axis in Human Aging: Framework for the Current State of Knowledge and Future Research. <i>Cell Metabolism</i> , 2016, 23, 980-989.	16.2	115
7	Late-life targeting of the IGF-1 receptor improves healthspan and lifespan in female mice. <i>Nature Communications</i> , 2018, 9, 2394.	12.8	106
8	Age- and Tissue-Specific Expression of Senescence Biomarkers in Mice. <i>Frontiers in Genetics</i> , 2018, 9, 59.	2.3	87
9	Central IGF-1 protects against features of cognitive and sensorimotor decline with aging in male mice. <i>GeroScience</i> , 2019, 41, 185-208.	4.6	59
10	Effect of exercise and calorie restriction on biomarkers of aging in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1618-R1627.	1.8	55
11	Enhanced activation of a "nutrient sensing" pathway with age contributes to insulin resistance. <i>FASEB Journal</i> , 2008, 22, 3450-3457.	0.5	51
12	Heterochronic parabiosis regulates the extent of cellular senescence in multiple tissues. <i>GeroScience</i> , 2020, 42, 951-961.	4.6	48
13	Evaluating Health Span in Preclinical Models of Aging and Disease: Guidelines, Challenges, and Opportunities for Geroscience. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1395-1406.	3.6	44
14	Cancer Progression in the Transgenic Adenocarcinoma of Mouse Prostate Mouse Is Related to Energy Balance, Body Mass, and Body Composition, but not Food Intake. <i>Cancer Research</i> , 2007, 67, 417-424.	0.9	43
15	Sarcosine Is Uniquely Modulated by Aging and Dietary Restriction in Rodents and Humans. <i>Cell Reports</i> , 2018, 25, 663-676.e6.	6.4	43
16	Central insulin-like growth factor 1 (IGF-1) restores whole-body insulin action in a model of age-related insulin resistance and IGF-1 decline. <i>Aging Cell</i> , 2016, 15, 181-186.	6.7	42
17	Aging per se Increases the Susceptibility to Free Fatty Acid-Induced Insulin Resistance. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 800-808.	3.6	41
18	Contribution of Adipose Tissue to Health Span and Longevity. <i>Interdisciplinary Topics in Gerontology</i> , 2010, 37, 1-19.	3.6	40

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19	Energetic interventions for healthspan and resiliency with aging. <i>Experimental Gerontology</i> , 2016, 86, 73-83.	2.8	39
20	Circulating anti-geronic factors from heterochronic parabionts promote vascular rejuvenation in aged mice: transcriptional footprint of mitochondrial protection, attenuation of oxidative stress, and rescue of endothelial function by young blood. <i>GeroScience</i> , 2020, 42, 727-748.	4.6	39
21	Abdominal Obesity, Independent from Caloric Intake, Accounts for the Development of Intestinal Tumors in <i>Apc1638N/+</i> Female Mice. <i>Cancer Prevention Research</i> , 2013, 6, 177-187.	1.5	37
22	Health benefits attributed to 17 β -estradiol, a lifespan-extending compound, are mediated through estrogen receptor α . <i>ELife</i> , 2020, 9, .	6.0	30
23	The enigmatic role of growth hormone in age-related diseases, cognition, and longevity. <i>GeroScience</i> , 2019, 41, 759-774.	4.6	29
24	Telomeres and Longevity: A Cause or an Effect?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3233.	4.1	28
25	Bring Back the Rat!. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 405-415.	3.6	26
26	Intestinal crypts recover rapidly from focal damage with coordinated motion of stem cells that is impaired by aging. <i>Scientific Reports</i> , 2018, 8, 10989.	3.3	24
27	Exercise as a Calorie Restriction Mimetic: Implications for Improving Healthy Aging and Longevity. <i>Interdisciplinary Topics in Gerontology</i> , 2010, 37, 157-174.	3.6	21
28	Parabiosis Incompletely Reverses Aging-Induced Metabolic Changes and Oxidant Stress in Mouse Red Blood Cells. <i>Nutrients</i> , 2019, 11, 1337.	4.1	21
29	Central KATP Channels Modulate Glucose Effectiveness in Humans and Rodents. <i>Diabetes</i> , 2020, 69, 1140-1148.	0.6	19
30	A simplified characterization of S-adenosyl-methionine-consuming enzymes with 1-Step EZ-MTase: a universal and straightforward coupled-assay for in vitro and in vivo setting. <i>Chemical Science</i> , 2017, 8, 6601-6612.	7.4	18
31	Old blood from heterochronic parabionts accelerates vascular aging in young mice: transcriptomic signature of pathologic smooth muscle remodeling. <i>GeroScience</i> , 2022, 44, 953-981.	4.6	15
32	Comparison of the Lunar DPX-L and Prodigy dual-energy X-ray absorptiometers for assessing total and regional body composition. <i>International Journal of Body Composition Research</i> , 2005, 3, 25-30.	0.5	13
33	Transcriptomic Changes Highly Similar to Alzheimer's Disease Are Observed in a Subpopulation of Individuals During Normal Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 711524.	3.4	12
34	Dietary Walnuts Protect Against Obesity-Driven Intestinal Stem Cell Decline and Tumorigenesis. <i>Frontiers in Nutrition</i> , 2018, 5, 37.	3.7	11
35	Modulation of Glucose Production by Central Insulin Requires IGF-1 Receptors in AgRP Neurons. <i>Diabetes</i> , 2021, 70, 2237-2249.	0.6	10
36	Einstein-Nathan Shock Center: translating the hallmarks of aging to extend human health span. <i>GeroScience</i> , 2021, 43, 2167-2182.	4.6	5

#	ARTICLE	IF	CITATIONS
37	Influences of circulatory factors on intervertebral disc aging phenotype. <i>Aging</i> , 2020, 12, 12285-12304.	3.1	5
38	Evidence for preserved insulin responsiveness in the aging rat brain. <i>GeroScience</i> , 2022, 44, 2491-2508.	4.6	4
39	Heterochronic blood exchange attenuates age-related neuroinflammation and confers cognitive benefits: do microvascular protective effects play a role?. <i>GeroScience</i> , 2021, 43, 111-113.	4.6	2
40	Resilience to aging is a heterogeneous characteristic defined by physical stressors. <i>Aging Pathobiology and Therapeutics</i> , 2022, 4, 19-22.	0.5	2
41	Heterochronic parabiosis: a valuable tool to investigate cellular senescence and other hallmarks of aging. <i>Aging</i> , 2022, 14, 3325-3328.	3.1	2
42	Exercise to the rescue. <i>Journal of Physiology</i> , 2011, 589, 5919-5920.	2.9	1
43	Unexpected systemic phenotypes result from focal combined deficiencies of forebrain insulin receptor/IGF-1 receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5852-5854.	7.1	0
44	Role of Physiological Resilience in Aging: Challenges and Opportunities. <i>Innovation in Aging</i> , 2021, 5, 162-162.	0.1	0