Derek M Huffman

List of Publications by Year
in descending order

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	Old blood from heterochronic parabionts accelerates vascular aging in young mice: transcriptomic signature of pathologic smooth muscle remodeling. GeroScience, 2022, 44, 953-981.	4.6	15
2	Resilience to aging is a heterogeneous characteristic defined by physical stressors. Aging Pathobiology and Therapeutics, 2022, 4, 19-22.	0.5	2
3	Heterochronic parabiosis: a valuable tool to investigate cellular senescence and other hallmarks of aging. Aging, 2022, 14, 3325-3328.	3.1	2
4	Evidence for preserved insulin responsiveness in the aging rat brain. GeroScience, 2022, 44, 2491-2508.	4.6	4
5	Heterochronic blood exchange attenuates age-related neuroinflammation and confers cognitive benefits: do microvascular protective effects play a role?. GeroScience, 2021, 43, 111-113.	4.6	2
6	Modulation of Glucose Production by Central Insulin Requires IGF-1 Receptors in AgRP Neurons. Diabetes, 2021, 70, 2237-2249.	0.6	10
7	Einstein-Nathan Shock Center: translating the hallmarks of aging to extend human health span. GeroScience, 2021, 43, 2167-2182.	4.6	5
8	Transcriptomic Changes Highly Similar to Alzheimerâ€™s Disease Are Observed in a Subpopulation of Individuals During Normal Brain Aging. Frontiers in Aging Neuroscience, 2021, 13, 711524.	3.4	12
9	Role of Physiological Resilience in Aging: Challenges and Opportunities. Innovation in Aging, 2021, 5, 162-162.	0.1	0
10	Bring Back the Rat!. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 405-415.	3.6	26
11	Circulating anti-geronic factors from heterochonic parabionts promote vascular rejuvenation in aged mice: transcriptional footprint of mitochondrial protection, attenuation of oxidative stress, and rescue of endothelial function by young blood. GeroScience, 2020, 42, 727-748.	4.6	39
12	Heterochronic parabiosis regulates the extent of cellular senescence in multiple tissues. GeroScience, 2020, 42, 951-961.	4.6	48
13	Central KATP Channels Modulate Glucose Effectiveness in Humans and Rodents. Diabetes, 2020, 69, 1140-1148.	0.6	19
14	Influences of circulatory factors on intervertebral disc aging phenotype. Aging, 2020, 12, 12285-12304.	3.1	5
15	Health benefits attributed to 17Î±-estradiol, a lifespan-extending compound, are mediated through estrogen receptorÂÎ±. ELife, 2020, 9, .	6.0	30
16	Telomeres and Longevity: A Cause or an Effect?. International Journal of Molecular Sciences, 2019, 20, 3233.	4.1	28
17	The enigmatic role of growth hormone in age-related diseases, cognition, and longevity. GeroScience, 2019, 41, 759-774.	4.6	29
18	Parabiosis Incompletely Reverses Aging-Induced Metabolic Changes and Oxidant Stress in Mouse Red Blood Cells. Nutrients, 2019, 11, 1337.	4.1	21

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19	Central IGF-1 protects against features of cognitive and sensorimotor decline with aging in male mice. GeroScience, 2019, 41, 185-208.	4.6	59
20	Unexpected systemic phenotypes result from focal combined deficiencies of forebrain insulin receptor/IGF-1 receptor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5852-5854.	7.1	0
21	Sarcosine Is Uniquely Modulated by Aging and Dietary Restriction in Rodents and Humans. Cell Reports, 2018, 25, 663-676.e6.	6.4	43
22	Age- and Tissue-Specific Expression of Senescence Biomarkers in Mice. Frontiers in Genetics, 2018, 9, 59.	2.3	87
23	Dietary Walnuts Protect Against Obesity-Driven Intestinal Stem Cell Decline and Tumorigenesis. Frontiers in Nutrition, 2018, 5, 37.	3.7	11
24	Intestinal crypts recover rapidly from focal damage with coordinated motion of stem cells that is impaired by aging. Scientific Reports, 2018, 8, 10989.	3.3	24
25	Late-life targeting of the IGF-1 receptor improves healthspan and lifespan in female mice. Nature Communications, 2018, 9, 2394.	12.8	106
26	A simplified characterization of S-adenosyl-<scp>l</scp>-methionine-consuming enzymes with 1-Step EZ-MTase: a universal and straightforward coupled-assay for in vitro and in vivo setting. Chemical Science, 2017, 8, 6601-6612.	7.4	18
27	Naturally occurring mitochondrial-derived peptides are age-dependent regulators of apoptosis, insulin sensitivity, and inflammatory markers. Aging, 2016, 8, 796-809.	3.1	185
28	Relationships between Rodent White Adipose Fat Pads and Human White Adipose Fat Depots. Frontiers in Nutrition, 2016, 3, 10.	3.7	239
29	Evaluating Health Span in Preclinical Models of Aging and Disease: Guidelines, Challenges, and Opportunities for Geroscience. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1395-1406.	3.6	44
30	Energetic interventions for healthspan and resiliency with aging. Experimental Gerontology, 2016, 86, 73-83.	2.8	39
31	The Somatotropic Axis in Human Aging: Framework for the Current State of Knowledge and Future Research. Cell Metabolism, 2016, 23, 980-989.	16.2	115
32	Central insulinâ€like growth factorâ€1 (<scp>IGF</scp> â€1) restores wholeâ€body insulin action in a model of ageâ€related insulin resistance and <scp>IGF</scp> â€1 decline. Aging Cell, 2016, 15, 181-186.	6.7	42
33	Abdominal Obesity, Independent from Caloric Intake, Accounts for the Development of Intestinal Tumors in Apc1638N/+ Female Mice. Cancer Prevention Research, 2013, 6, 177-187.	1.5	37
34	Exercise to the rescue. Journal of Physiology, 2011, 589, 5919-5920.	2.9	1
35	Contribution of Adipose Tissue to Health Span and Longevity. Interdisciplinary Topics in Gerontology, 2010, 37, 1-19.	3.6	40
36	Aging per se Increases the Susceptibility to Free Fatty Acid-Induced Insulin Resistance. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 800-808.	3.6	41

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37	Exercise as a Calorie Restriction Mimetic: Implications for Improving Healthy Aging and Longevity. Interdisciplinary Topics in Gerontology, 2010, 37, 157-174.	3.6	21
38	Role of visceral adipose tissue in aging. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 1117-1123.	2.4	160
39	Humanin: A Novel Central Regulator of Peripheral Insulin Action. PLoS ONE, 2009, 4, e6334.	2.5	200
40	Effect of exercise and calorie restriction on biomarkers of aging in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1618-R1627.	1.8	55
41	Enhanced activation of a â€œnutrientâ€sensingâ€•pathway with age contributes to insulin resistance. FASEB Journal, 2008, 22, 3450-3457.	0.5	51
42	Cancer Progression in the Transgenic Adenocarcinoma of Mouse Prostate Mouse Is Related to Energy Balance, Body Mass, and Body Composition, but not Food Intake. Cancer Research, 2007, 67, 417-424.	0.9	43
43	SIRT1 Is Significantly Elevated in Mouse and Human Prostate Cancer. Cancer Research, 2007, 67, 6612-6618.	0.9	403
44	Comparison of the Lunar DPX-L and Prodigy dual-energy X-ray absorptiometers for assessing total and regional body composition. International Journal of Body Composition Research, 2005, 3, 25-30.	0.5	13