

Michael B Stout

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,388
citations

623734

14
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

3843
citing authors

#	ARTICLE	IF	CITATIONS
1	The Achilles™ heel of senescent cells: from transcriptome to senolytic drugs. <i>Aging Cell</i> , 2015, 14, 644-658.	6.7	1,534
2	Physiological Aging: Links Among Adipose Tissue Dysfunction, Diabetes, and Frailty. <i>Physiology</i> , 2017, 32, 9-19.	3.1	154
3	Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. <i>Aging</i> , 2014, 6, 575-586.	3.1	107
4	17 β -Estradiol Alleviates Age-related Metabolic and Inflammatory Dysfunction in Male Mice Without Inducing Feminization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 3-15.	3.6	91
5	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
6	Analysis of DNA modifications in aging research. <i>GeroScience</i> , 2018, 40, 11-29.	4.6	39
7	17 β -estradiol acts through hypothalamic pro α -melanocortin expressing neurons to reduce feeding behavior. <i>Aging Cell</i> , 2018, 17, e12703.	6.7	33
8	Cellular hallmarks of aging emerge in the ovary prior to primordial follicle depletion. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111425.	4.6	30
9	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
10	Short-term Calorie Restriction and 17 β -Estradiol Administration Elicit Divergent Effects on Proteostatic Processes and Protein Content in Metabolically Active Tissues. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 849-857.	3.6	28
11	Inducible cell-specific mouse models for paired epigenetic and transcriptomic studies of microglia and astroglia. <i>Communications Biology</i> , 2020, 3, 693.	4.4	27
12	Short-term food restriction followed by controlled refeeding promotes gorging behavior, enhances fat deposition, and diminishes insulin sensitivity in mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 721-728.	4.2	24
13	Retinal gene expression responses to aging are sexually divergent. <i>Molecular Vision</i> , 2017, 23, 707-717.	1.1	22
14	Hepatic steatosis by dietary ω -conjugated linoleic acid is accompanied by accumulation of diacylglycerol and increased membrane-associated protein kinase C μ in mice. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1010-1017.	3.3	21
15	Tamoxifen induction of Cre recombinase does not cause long-lasting or sexually divergent responses in the CNS epigenome or transcriptome: implications for the design of aging studies. <i>GeroScience</i> , 2019, 41, 691-708.	4.6	20
16	17 β -Estradiol prevents ovariectomy-mediated obesity and bone loss. <i>Experimental Gerontology</i> , 2020, 142, 111113.	2.8	20
17	17 β -Estradiol Modulates IGF1 and Hepatic Gene Expression in a Sex-Specific Manner. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 778-785.	3.6	20
18	Mild calorie restriction, but not 17 β -estradiol, extends ovarian reserve and fertility in female mice. <i>Experimental Gerontology</i> , 2022, 159, 111669.	2.8	18

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19	The role of sex in the innate and adaptive immune environment of metastatic colorectal cancer. <i>British Journal of Cancer</i> , 2020, 123, 624-632.	6.4	17
20	Age-related focal loss of contractile vascular smooth muscle cells in retinal arterioles is accelerated by caveolin-1 deficiency. <i>Neurobiology of Aging</i> , 2018, 71, 1-12.	3.1	16
21	17 β -Estradiol promotes ovarian aging in growth hormone receptor knockout mice, but not wild-type littermates. <i>Experimental Gerontology</i> , 2020, 129, 110769.	2.8	16
22	Senolytic treatment reverses obesity-mediated senescent cell accumulation in the ovary. <i>GeroScience</i> , 2022, 44, 1747-1759.	4.6	15
23	The Interconnections Between Somatic and Ovarian Aging in Murine Models. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1579-1586.	3.6	11
24	Differential Regulation of Mouse Hippocampal Gene Expression Sex Differences by Chromosomal Content and Gonadal Sex. <i>Molecular Neurobiology</i> , 2022, 59, 4669-4702.	4.0	11
25	Hormone actions controlling sex-specific life-extension. <i>Aging</i> , 2018, 10, 293-294.	3.1	9
26	Litter expansion alters metabolic homeostasis in a sex specific manner. <i>PLoS ONE</i> , 2021, 16, e0237199.	2.5	6
27	17 β -estradiol does not adversely affect sperm parameters or fertility in male mice: implications for reproduction-longevity trade-offs. <i>GeroScience</i> , 0, , .	4.6	6
28	Persistent Metabolic Effects of Tamoxifen: Considerations for an Experimental Tool and Clinical Breast Cancer Treatment. <i>Endocrinology</i> , 2021, 162, .	2.8	5
29	A Novel Peroxisome Proliferator-Activated Receptor Gamma Ligand Improves Insulin Sensitivity and Promotes Browning of White Adipose Tissue in Obese Mice. <i>Molecular Metabolism</i> , 2021, 54, 101363.	6.5	4
30	Women survive longer than men undergoing cytoreductive surgery and HIPEC for appendiceal cancer. <i>PLoS ONE</i> , 2021, 16, e0250726.	2.5	3
31	Obesity promotes lipid accumulation in mouse cartilage—A potential role of acetyl-CoA carboxylase (ACC) mediated chondrocyte de novo lipogenesis. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2771-2779.	2.3	3