

Steven Austad

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,458
citations

257450

24
h-index

223800

46
g-index

64
all docs

64
docs citations

64
times ranked

3942
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting whole body metabolism and mitochondrial bioenergetics in the drug development for Alzheimer's disease. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 511-531.	12.0	26
2	Alterations of Lipid Metabolism With Age and Weight in Companion Dogs. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 400-405.	3.6	8
3	University of Alabama at Birmingham Nathan Shock Center: comparative energetics of aging. <i>GeroScience</i> , 2021, 43, 2149-2160.	4.6	2
4	The Nathan Shock Centers. <i>GeroScience</i> , 2021, 43, 2103-2104.	4.6	2
5	Beyond calorie restriction: aging as a biological target for nutrient therapies. <i>Current Opinion in Biotechnology</i> , 2021, 70, 56-60.	6.6	18
6	Sex, mating and repeatability of <i>Drosophila melanogaster</i> longevity. <i>Royal Society Open Science</i> , 2021, 8, 210273.	2.4	10
7	From Model Organisms to Humans, the Opportunity for More Rigor in Methodologic and Statistical Analysis, Design, and Interpretation of Aging and Senescence Research. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , .	3.6	4
8	Deficient autophagy in epithelial stem cells drives aging in the freshwater cnidarian <i>Hydra</i> . <i>Development (Cambridge)</i> , 2020, 147, .	2.5	25
9	mTOR drives cerebrovascular, synaptic, and cognitive dysfunction in normative aging. <i>Aging Cell</i> , 2020, 19, e13057.	6.7	52
10	Tryptophan metabolism is differently regulated between large and small dogs. <i>GeroScience</i> , 2020, 42, 881-896.	4.6	9
11	Bring Back the Rat!. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 405-415.	3.6	26
12	Edward J. Masoro, Scientist and Friend. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2105-2107.	3.6	0
13	Geroscience in the Age of COVID-19. , 2020, 11, 725.		24
14	Inducible aging in <i>Hydra oligactis</i> implicates sexual reproduction, loss of stem cells, and genome maintenance as major pathways. <i>GeroScience</i> , 2020, 42, 1119-1132.	4.6	13
15	On Looking at Sydney Asdell's Comparative Chronologic Age in Man and Other Mammals From Issue 1 of the <i>Journal of Gerontology</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1019-1020.	3.6	0
16	Serum Cobalamin and Folate Concentrations in Common Marmosets (<i>Callithrix jacchus</i>) with Chronic Lymphocytic Enteritis. <i>Comparative Medicine</i> , 2019, 69, 135-143.	1.0	10
17	Creating the Next Generation of Translational Geroscientists. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1934-1939.	2.6	13
18	Sex differences in health and aging: a dialog between the brain and gonad?. <i>GeroScience</i> , 2019, 41, 267-273.	4.6	26

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19	Innovative approaches in cognitive aging. <i>Neurobiology of Aging</i> , 2019, 83, 150-154.	3.1	4
20	Response to genes that improved fitness also cost modern humans: evidence for genes with antagonistic effects on longevity and disease. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 7-8.	2.5	2
21	Loss of Neurogenesis in Aging Hydra. <i>Developmental Neurobiology</i> , 2019, 79, 479-496.	3.0	11
22	ASSESSMENT OF A MICROPLATE SYSTEM FOR MEASURING INDIVIDUAL REAL-TIME RESPIRATION IN SMALL MODEL ORGANISMS OF AGING. <i>Innovation in Aging</i> , 2019, 3, S918-S919.	0.1	0
23	SEX HORMONES AND ARTHRITIS IN A LONG-LIVED ANIMAL MODEL, THE ELEPHANT. <i>Innovation in Aging</i> , 2019, 3, S925-S926.	0.1	0
24	THE EFFECTS OF AGE AND SIZE ON THE COMPANION DOG METABOLOME: ROLES OF TRYPTOPHAN AND FATTY ACID METABOLISM. <i>Innovation in Aging</i> , 2019, 3, S424-S425.	0.1	0
25	Do Female Dogs Age Differently Than Male Dogs?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 150-156.	3.6	34
26	Comment on "The plateau of human mortality: Demography of longevity pioneers". <i>Science</i> , 2018, 361, .	12.6	16
27	Is antagonistic pleiotropy ubiquitous in aging biology?. <i>Evolution, Medicine and Public Health</i> , 2018, 2018, 287-294.	2.5	114
28	The Comparative Biology of Mitochondrial Function and the Rate of Aging. <i>Integrative and Comparative Biology</i> , 2018, 58, 559-566.	2.0	15
29	The Mitochondrial Contribution to Animal Performance, Adaptation, and Life-History Variation. <i>Integrative and Comparative Biology</i> , 2018, 58, 480-485.	2.0	39
30	The development of a specific pathogen free (SPF) barrier colony of marmosets (<i>Callithrix jacchus</i>) for aging research. <i>Aging</i> , 2017, 9, 2544-2558.	3.1	33
31	Disease drivers of aging. <i>Annals of the New York Academy of Sciences</i> , 2016, 1386, 45-68.	3.8	97
32	Barriers to the Preclinical Development of Therapeutics that Target Aging Mechanisms: Table 1.. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1388-1394.	3.6	22
33	Significant life extension by ten percent dietary restriction. <i>Annals of the New York Academy of Sciences</i> , 2016, 1363, 11-17.	3.8	17
34	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
35	Perspectives in aging: Nutritional and energetic interventions. <i>Experimental Gerontology</i> , 2016, 86, 1-3.	2.8	4
36	Sex Differences in Lifespan. <i>Cell Metabolism</i> , 2016, 23, 1022-1033.	16.2	379

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37	The Companion Dog as a Model for the Longevity Dividend. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026633.	6.2	37
38	Measures of Healthspan as Indices of Aging in Mice—A Recommendation. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 427-430.	3.6	76
39	A cross-sectional study of male and female C57BL/6Nia mice suggests lifespan and healthspan are not necessarily correlated. Aging, 2016, 8, 2370-2391.	3.1	50
40	Health Effects of Long-Term Rapamycin Treatment: The Impact on Mouse Health of Enteric Rapamycin Treatment from Four Months of Age throughout Life. PLoS ONE, 2015, 10, e0126644.	2.5	62
41	Commentary: is Alzheimer's disease uniquely human?. Neurobiology of Aging, 2015, 36, 553-555.	3.1	55
42	Use of Nerve Conduction Velocity to Assess Peripheral Nerve Health in Aging Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1312-1319.	3.6	36
43	The human prenatal sex ratio: A major surprise. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4839-4840.	7.1	23
44	<i>Hydra</i> , a powerful model for aging studies. Invertebrate Reproduction and Development, 2015, 59, 11-16.	0.8	46
45	Longevity and GAPDH Stability in Bivalves and Mammals: A Convenient Marker for Comparative Gerontology and Proteostasis. PLoS ONE, 2015, 10, e0143680.	2.5	4
46	Aging and energetics—Top 40 future research opportunities 2010-2013. F1000Research, 2014, 3, 219. 1.6		17
47	Mapping ecologically relevant social behaviours by gene knockout in wild mice. Nature Communications, 2014, 5, 4569.	12.8	88
48	APPL1 Potentiates Insulin Sensitivity by Facilitating the Binding of IRS1/2 to the Insulin Receptor. Cell Reports, 2014, 7, 1227-1238.	6.4	107
49	Sex Differences in Longevity and Aging. , 2011, , 479-495.		49
50	Methusaleh's Zoo: How Nature provides us with Clues for Extending Human Health Span. Journal of Comparative Pathology, 2010, 142, S10-S21.	0.4	112
51	Cats, "Rats," and Bats: The Comparative Biology of Aging in the 21st Century. Integrative and Comparative Biology, 2010, 50, 783-792.	2.0	35
52	Comparative Biology of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 199-201.	3.6	85
53	Is There a Role for New Invertebrate Models for Aging Research?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 192-194.	3.6	52
54	Vertebrate aging research 2006. Aging Cell, 2007, 6, 135-138.	6.7	10

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55	Why women live longer than men: Sex differences in longevity. <i>Gender Medicine</i> , 2006, 3, 79-92.	1.4	355
56	Is aging programmed?. <i>Aging Cell</i> , 2004, 3, 249-251.	6.7	57