

Thomas J Larocca

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,174
citations

361413

20
h-index

477307

29
g-index

41
all docs

41
docs citations

41
times ranked

3502
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological geroscience: targeting function to increase healthspan and achieve optimal longevity. <i>Journal of Physiology</i> , 2016, 594, 2001-2024.	2.9	206
2	Translational evidence that impaired autophagy contributes to arterial ageing. <i>Journal of Physiology</i> , 2012, 590, 3305-3316.	2.9	193
3	Mitochondria-targeted antioxidant (MitoQ) ameliorates age-related arterial endothelial dysfunction in mice. <i>Journal of Physiology</i> , 2014, 592, 2549-2561.	2.9	185
4	The autophagy enhancer spermidine reverses arterial aging. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 314-320.	4.6	164
5	MicroRNA changes in human arterial endothelial cells with senescence: Relation to apoptosis, eNOS and inflammation. <i>Experimental Gerontology</i> , 2012, 47, 45-51.	2.8	153
6	Leukocyte telomere length is preserved with aging in endurance exercise-trained adults and related to maximal aerobic capacity. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 165-167.	4.6	138
7	Short-term calorie restriction reverses vascular endothelial dysfunction in old mice by increasing nitric oxide and reducing oxidative stress. <i>Ageing Cell</i> , 2010, 9, 304-312.	6.7	131
8	Dietary rapamycin supplementation reverses age-related vascular dysfunction and oxidative stress, while modulating nutrient sensing, cell cycle, and senescence pathways. <i>Ageing Cell</i> , 2017, 16, 17-26.	6.7	123
9	You're Only as Old as Your Arteries: Translational Strategies for Preserving Vascular Endothelial Function with Aging. <i>Physiology</i> , 2014, 29, 250-264.	3.1	113
10	Habitually exercising older men do not demonstrate age-associated vascular endothelial oxidative stress. <i>Ageing Cell</i> , 2011, 10, 1032-1037.	6.7	104
11	Aerobic exercise and other healthy lifestyle factors that influence vascular aging. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2014, 38, 296-307.	1.6	100
12	The gut microbiome-derived metabolite trimethylamine N-oxide modulates neuroinflammation and cognitive function with aging. <i>GeroScience</i> , 2021, 43, 377-394.	4.6	85
13	Nutrition and other lifestyle influences on arterial aging. <i>Ageing Research Reviews</i> , 2017, 39, 106-119.	10.9	68
14	Oral trehalose supplementation improves resistance artery endothelial function in healthy middle-aged and older adults. <i>Ageing</i> , 2016, 8, 1167-1183.	3.1	64
15	Healthy lifestyle-based approaches for successful vascular aging. <i>Journal of Applied Physiology</i> , 2018, 125, 1888-1900.	2.5	58
16	Mitochondrial quality control and age-associated arterial stiffening. <i>Experimental Gerontology</i> , 2014, 58, 78-82.	2.8	55
17	Trehalose supplementation reduces hepatic endoplasmic reticulum stress and inflammatory signaling in old mice. <i>Journal of Nutritional Biochemistry</i> , 2017, 45, 15-23.	4.2	45
18	Repetitive elements as a transcriptomic marker of aging: Evidence in multiple datasets and models. <i>Ageing Cell</i> , 2020, 19, e13167.	6.7	39

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19	TDP-43 knockdown causes innate immune activation via protein kinase R in astrocytes. <i>Neurobiology of Disease</i> , 2019, 132, 104514.	4.4	37
20	Amyloid beta acts synergistically as a pro-inflammatory cytokine. <i>Neurobiology of Disease</i> , 2021, 159, 105493.	4.4	29
21	Neurodegeneration, Heterochromatin, and Double-Stranded RNA. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951983069.	2.3	17
22	Pharmacological Silencing of MicroRNA-152 Prevents Pressure Overload-Induced Heart Failure. <i>Circulation: Heart Failure</i> , 2020, 13, e006298.	3.9	15
23	Novel Strategies for Healthy Brain Aging. <i>Exercise and Sport Sciences Reviews</i> , 2021, 49, 115-125.	3.0	14
24	Healthy Aging Interventions Reduce Repetitive Element Transcripts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 805-810.	3.6	10
25	Accelerated aging of the brain transcriptome by the common chemotherapeutic doxorubicin. <i>Experimental Gerontology</i> , 2021, 152, 111451.	2.8	9
26	Transcriptomic Effects of Healthspan-Promoting Dietary Interventions: Current Evidence and Future Directions. <i>Frontiers in Nutrition</i> , 2021, 8, 712129.	3.7	7
27	Nontransgenic Guinea Pig Strains Exhibit Hallmarks of Human Brain Aging and Alzheimer's Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1766-1774.	3.6	4
28	Adding value to a graduate physiology seminar by focusing on public communication skills. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 365-369.	1.6	3
29	Dietary rapamycin selectively improves arterial function in old mice. <i>FASEB Journal</i> , 2013, 27, 1194.17.	0.5	2
30	Translational physiology in practice. , 2014, , 38-42.		1
31	Mitochondria-targeted antioxidant therapy with MitoQ ameliorates age-related vascular endothelial dysfunction. <i>FASEB Journal</i> , 2013, 27, 1125.10.	0.5	1
32	Response. <i>Exercise and Sport Sciences Reviews</i> , 2021, 49, 293-293.	3.0	0
33	Tetrahydrobiopterin-mediated nitric oxide bioavailability contributes to the variability in vascular endothelial function in healthy middle-aged/older sedentary adults. <i>FASEB Journal</i> , 2008, 22, 52-52.	0.5	0
34	Extracellular Superoxide Dismutase Activity is Reduced with Aging in Humans: Relation to Impaired Vascular Endothelial Function and Exercise Capacity. <i>FASEB Journal</i> , 2009, 23, 777.8.	0.5	0
35	Autophagy-enhancing therapy reduces oxidative stress and restores vascular endothelial function in old mice. <i>FASEB Journal</i> , 2011, 25, 1b452.	0.5	0
36	Autophagy-enhancing treatment reverses age-associated large elastic artery stiffening and modulates arterial superoxide production, inflammation and collagen I. <i>FASEB Journal</i> , 2011, 25, .	0.5	0

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37	Polyamine supplementation reduces oxidative stress and reverses vascular endothelial dysfunction with aging. FASEB Journal, 2012, 26, 865.4.	0.5	0
38	Endothelium-dependent dilation is inversely related to hematocrit among healthy young and older adults. FASEB Journal, 2012, 26, 865.13.	0.5	0
39	Polyamine supplementation enhances autophagy and reverses age-related arterial stiffening. FASEB Journal, 2012, 26, 865.9.	0.5	0
40	Mitochondria-targeted antioxidant therapy reverses age-related arterial stiffening. FASEB Journal, 2012, 26, 865.41.	0.5	0