

Ashley E Walker

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,394
citations

293460

24
h-index

299063

42
g-index

65
all docs

65
docs citations

65
times ranked

4372
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex Differences in the Relation Between Frailty and Endothelial Dysfunction in Old Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 416-423.	1.7	8
2	In vivo arterial stiffness, but not isolated artery endothelial function, varies with the mouse estrus cycle. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
3	Exacerbated Vascular Inflammation Following Traumatic Hemorrhage in Obese Rats. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
4	Large artery stiffness and brain health: insights from animal models. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H424-H431.	1.5	23
5	Aged Elastin Haploinsufficient Mice Have Impairments in Memory, Motor Coordination, and Cerebral Artery Endothelial Function. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
6	Effects of Pyridoxamine Treatment on Large Artery Stiffness, Endothelial Function, and Cognitive Impairment in Old Mice. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
7	Mechanisms for the Age-Related Differences in Cerebral Artery Endothelial Function After Exposure to Elevated Pulse Pressure. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
8	Sex Differences in Large Artery Stiffness: Implications for Cerebrovascular Dysfunction and Alzheimer's Disease. <i>Frontiers in Aging</i> , 2021, 2, .	1.2	12
9	Transforming Psychiatry from the Classroom to the Clinic: Lessons from the National Neuroscience Curriculum Initiative. <i>Academic Psychiatry</i> , 2020, 44, 29-36.	0.4	16
10	Deletion of Robo4 prevents high-fat diet-induced adipose artery and systemic metabolic dysfunction. <i>Microcirculation</i> , 2019, 26, e12540.	1.0	4
11	The pro-atherogenic response to disturbed blood flow is increased by a western diet, but not by old age. <i>Scientific Reports</i> , 2019, 9, 2925.	1.6	9
12	Cerebral and skeletal muscle feed artery vasoconstrictor responses in a mouse model with greater large elastic artery stiffness. <i>Experimental Physiology</i> , 2019, 104, 434-442.	0.9	13
13	Induced Trf2 deletion leads to aging vascular phenotype in mice associated with arterial telomere uncapping, senescence signaling, and oxidative stress. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 127, 74-82.	0.9	24
14	Silicon as a ubiquitous contaminant in graphene derivatives with significant impact on device performance. <i>Nature Communications</i> , 2018, 9, 5070.	5.8	42
15	Telomere uncapping and vascular aging. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1-H5.	1.5	32
16	Pyridoxamine attenuates age-related impairments in cerebral artery endothelial function. <i>FASEB Journal</i> , 2018, 32, 711.12.	0.2	0
17	Dietary rapamycin supplementation reverses age-related vascular dysfunction and oxidative stress, while modulating nutrient-sensing, cell cycle, and senescence pathways. <i>Aging Cell</i> , 2017, 16, 17-26.	3.0	123
18	Age-related arterial telomere uncapping and senescence is greater in women compared with men. <i>Experimental Gerontology</i> , 2016, 73, 65-71.	1.2	12

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19	Reduced large elastic artery stiffness with regular aerobic exercise in middle-aged and older adults. <i>Journal of Hypertension</i> , 2015, 33, 2477-2482.	0.3	36
20	Greater impairments in cerebral artery compared with skeletal muscle feed artery endothelial function in a mouse model of increased large artery stiffness. <i>Journal of Physiology</i> , 2015, 593, 1931-1943.	1.3	38
21	Cellular and molecular biology of aging endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 122-135.	0.9	367
22	Systemic sclerosis induces pronounced peripheral vascular dysfunction characterized by blunted peripheral vasoreactivity and endothelial dysfunction. <i>Clinical Rheumatology</i> , 2015, 34, 905-913.	1.0	33
23	Strategy for Identifying Repurposed Drugs for the Treatment of Cerebral Cavernous Malformation. <i>Circulation</i> , 2015, 131, 289-299.	1.6	149
24	Dietary Vitamin D and Its Metabolites Non-Genomically Stabilize the Endothelium. <i>PLoS ONE</i> , 2015, 10, e0140370.	1.1	63
25	Partial Carotid Ligation Impairs Middle Cerebral Artery Endothelial Function in Old Mice. <i>FASEB Journal</i> , 2015, 29, 949.1.	0.2	0
26	Age-Related Telomere Uncapping Occurs Independent of Telomere Shortening in Mouse Endothelial Cells. <i>FASEB Journal</i> , 2015, 29, 642.1.	0.2	1
27	Prevention of age-related endothelial dysfunction by habitual aerobic exercise in healthy humans: possible role of nuclear factor κ B. <i>Clinical Science</i> , 2014, 127, 645-654.	1.8	64
28	Becoming the Physical Activity Champion: Empowerment through Social Marketing. <i>Strategies</i> , 2014, 27, 38-41.	0.2	1
29	Dichotomous mechanisms of aortic stiffening in high-fat diet fed young and old B6D2F1 mice. <i>Physiological Reports</i> , 2014, 2, e00268.	0.7	21
30	Role of arterial telomere dysfunction in hypertension. <i>Journal of Hypertension</i> , 2014, 32, 1293-1299.	0.3	58
31	Smooth muscle specific disruption of the endothelin-A receptor in mice reduces arterial pressure, and vascular reactivity and affects vascular development. <i>Life Sciences</i> , 2014, 118, 238-243.	2.0	20
32	The impact of ageing on adipose structure, function and vasculature in the B6D2F1 mouse: evidence of significant multisystem dysfunction. <i>Journal of Physiology</i> , 2014, 592, 4083-4096.	1.3	54
33	Beneficial effects of lifelong caloric restriction on endothelial function are greater in conduit arteries compared to cerebral resistance arteries. <i>Age</i> , 2014, 36, 559-569.	3.0	31
34	SIRT1 overexpression protects against high fat diet-induced cerebral artery endothelial dysfunction (1070.10). <i>FASEB Journal</i> , 2014, 28, 1070.10.	0.2	0
35	Life-long caloric restriction reduces oxidative stress and preserves nitric oxide bioavailability and function in arteries of old mice. <i>Aging Cell</i> , 2013, 12, 772-783.	3.0	146
36	Regular aerobic exercise protects against impaired fasting plasma glucose-associated vascular endothelial dysfunction with aging. <i>Clinical Science</i> , 2013, 124, 325-331.	1.8	42

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37	Response to Effect of Fenofibrate on Vascular Endothelial Function: Statistical Appraisal and its Validity. <i>Hypertension</i> , 2013, 61, e56.	1.3	0
38	Angiotensin II receptor signaling modulates vascular smooth muscle sensitivity to nitric oxide in an adiposity-specific manner in healthy adults. <i>FASEB Journal</i> , 2013, 27, 1165.22.	0.2	0
39	Aortic stiffening as a result of reduced elastin content leads to cerebral artery dysfunction. <i>FASEB Journal</i> , 2013, 27, 1194.3.	0.2	1
40	Morphological Changes Underlying High Fat Diet-Associated Arterial Stiffening Differ with Advancing Age. <i>FASEB Journal</i> , 2013, 27, 1194.16.	0.2	0
41	Vascular smooth muscle responsiveness to nitric oxide is reduced in healthy adults with increased adiposity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H743-H750.	1.5	18
42	TNF- α impairs endothelial function in adipose tissue resistance arteries of mice with diet-induced obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H672-H679.	1.5	46
43	Fenofibrate Improves Vascular Endothelial Function by Reducing Oxidative Stress While Increasing Endothelial Nitric Oxide Synthase in Healthy Normolipidemic Older Adults. <i>Hypertension</i> , 2012, 60, 1517-1523.	1.3	62
44	Tadalafil Alleviates Muscle Ischemia in Patients with Becker Muscular Dystrophy. <i>Science Translational Medicine</i> , 2012, 4, 162ra155.	5.8	79
45	Tetrahydrobiopterin Supplementation Enhances Carotid Artery Compliance in Healthy Older Men: A Pilot Study. <i>American Journal of Hypertension</i> , 2012, 25, 1050-1054.	1.0	22
46	Acute phosphodiesterase inhibition improves functional muscle ischemia in patients with Becker muscular dystrophy. <i>FASEB Journal</i> , 2012, 26, 1092.7.	0.2	1
47	Reduced large elastic artery stiffness in older exercising adults is associated with suppressed nuclear factor kappa B signaling. <i>FASEB Journal</i> , 2012, 26, 1138.10.	0.2	0
48	Smaller cerebrovascular arteries have a greater age-related endothelial dysfunction and a blunted response to life-long caloric restriction. <i>FASEB Journal</i> , 2012, 26, 685.31.	0.2	0
49	Impaired fasting blood glucose-related exacerbation of age-associated vascular endothelial dysfunction: protective effect of regular aerobic exercise. <i>FASEB Journal</i> , 2012, 26, 865.2.	0.2	0
50	Sex-specific effects of habitual aerobic exercise on brachial artery flow-mediated dilation in middle-aged and older adults. <i>Clinical Science</i> , 2011, 120, 13-23.	1.8	160
51	Plasma norepinephrine is an independent predictor of vascular endothelial function with aging in healthy women. <i>Journal of Applied Physiology</i> , 2011, 111, 1416-1421.	1.2	36
52	25-Hydroxyvitamin D Deficiency Is Associated With Inflammation-Linked Vascular Endothelial Dysfunction in Middle-Aged and Older Adults. <i>Hypertension</i> , 2011, 57, 63-69.	1.3	301
53	Vascular Endothelial Function Is Related to White Blood Cell Count and Myeloperoxidase Among Healthy Middle-Aged and Older Adults. <i>Hypertension</i> , 2010, 55, 363-369.	1.3	41
54	25-Hydroxyvitamin D deficiency is associated with vascular endothelial dysfunction in middle-aged and older adults. <i>FASEB Journal</i> , 2010, 24, 1039.7.	0.2	0

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55	Modulation of Vascular Endothelial Function by Low-Density Lipoprotein Cholesterol With Aging: Influence of Habitual Exercise. <i>American Journal of Hypertension</i> , 2009, 22, 250-256.	1.0	40
56	Habitual exercise and vascular ageing. <i>Journal of Physiology</i> , 2009, 587, 5541-5549.	1.3	137
57	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.	0.2	0
58	Absence of Inhibitor of Nuclear Factor κ B Kinase-Mediated Suppression of Vascular Endothelial Function in Middle-Aged/Older Adults Who Exercise. <i>FASEB Journal</i> , 2009, 23, LB61.	0.2	0
59	Vascular Endothelial Dysfunction with Aging in Healthy Adults is Related to Total White Blood Cell Count and Selective Immune Cell Populations. <i>FASEB Journal</i> , 2008, 22, 967.13.	0.2	0
60	Prediabetes in the absence of the metabolic syndrome is associated with impaired brachial artery flow-mediated dilation. <i>FASEB Journal</i> , 2008, 22, 1211.8.	0.2	0
61	Peroxisome proliferator-activated receptor δ activation improves endothelium-dependent dilation in healthy older men. <i>FASEB Journal</i> , 2008, 22, 64-64.	0.2	8
62	Commentary on Viewpoint "Human experimentation: No accurate, quantitative data". <i>Journal of Applied Physiology</i> , 2007, 102, 1294-1294.	1.2	0
63	Age-Associated Reductions in Endothelium-Dependent Dilation in Humans are Related to Increases in Vascular Endothelial Protein Expression of Endothelin-1. <i>FASEB Journal</i> , 2007, 21, A1237.	0.2	0
64	Enhanced vascular endothelium-dependent dilation in older men who exercise is associated with markedly lower endothelial oxidative stress. <i>FASEB Journal</i> , 2007, 21, A932.	0.2	0
65	Plasma low-density lipoprotein cholesterol modulates vascular endothelial function as well as systemic and vascular endothelial oxidative stress in middle-aged and older men. <i>FASEB Journal</i> , 2007, 21, A445.	0.2	0