

# Gary L Pierce

## List of Publications by Citations

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131  
papers

3,585  
citations

31  
h-index

59  
g-index

146  
ext. papers

4,172  
ext. citations

3.8  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
131	Direct evidence of endothelial oxidative stress with aging in humans: relation to impaired endothelium-dependent dilation and upregulation of nuclear factor-kappaB. <i>Circulation Research</i> , <b>2007</b> , 100, 1659-66	15.7	403
130	25-Hydroxyvitamin D deficiency is associated with inflammation-linked vascular endothelial dysfunction in middle-aged and older adults. <i>Hypertension</i> , <b>2011</b> , 57, 63-9	8.5	244
129	A 16-week randomized clinical trial of 2000 international units daily vitamin D3 supplementation in black youth: 25-hydroxyvitamin D, adiposity, and arterial stiffness. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 4584-91	5.6	199
128	Nuclear factor- $\kappa$ B activation contributes to vascular endothelial dysfunction via oxidative stress in overweight/obese middle-aged and older humans. <i>Circulation</i> , <b>2009</b> , 119, 1284-92	16.7	181
127	Translational evidence that impaired autophagy contributes to arterial ageing. <i>Journal of Physiology</i> , <b>2012</b> , 590, 3305-16	3.9	158
126	Pulse wave analysis of the aortic pressure waveform in severe left ventricular systolic dysfunction. <i>Circulation: Heart Failure</i> , <b>2010</b> , 3, 149-56	7.6	151
125	Weight loss alone improves conduit and resistance artery endothelial function in young and older overweight/obese adults. <i>Hypertension</i> , <b>2008</b> , 52, 72-9	8.5	128
124	Radial artery tonometry demonstrates arterial stiffness in children with type 1 diabetes. <i>Diabetes Care</i> , <b>2004</b> , 27, 2911-7	14.6	126
123	Sex-specific effects of habitual aerobic exercise on brachial artery flow-mediated dilation in middle-aged and older adults. <i>Clinical Science</i> , <b>2011</b> , 120, 13-23	6.5	118
122	Habitual exercise and vascular ageing. <i>Journal of Physiology</i> , <b>2009</b> , 587, 5541-9	3.9	117
121	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> , <b>2010</b> , 131, 165-7	5.6	115
120	Effect of exercise training on endothelial function in men with coronary artery disease. <i>American Journal of Cardiology</i> , <b>2004</b> , 93, 617-20	3	105
119	Effect of resistance training on arterial wave reflection and brachial artery reactivity in normotensive postmenopausal women. <i>European Journal of Applied Physiology</i> , <b>2007</b> , 100, 403-8	3.4	95
118	Endothelial cell senescence with aging in healthy humans: prevention by habitual exercise and relation to vascular endothelial function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2017</b> , 313, H890-H895	5.2	91
117	Habitually exercising older men do not demonstrate age-associated vascular endothelial oxidative stress. <i>Aging Cell</i> , <b>2011</b> , 10, 1032-7	9.9	82
116	The Acute Effects of Aerobic Exercise on the Functional Connectivity of Human Brain Networks. <i>Brain Plasticity</i> , <b>2017</b> , 2, 171-190	3.5	62
115	Effect of resistance exercise on skeletal muscle myopathy in heart transplant recipients. <i>American Journal of Cardiology</i> , <b>2005</b> , 95, 1192-8	3	53

114	Prevention of age-related endothelial dysfunction by habitual aerobic exercise in healthy humans: possible role of nuclear factor <b>B</b> . <i>Clinical Science</i> , <b>2014</b> , 127, 645-54	6.5	49
113	Differential Effects of Acute Exercise on Distinct Aspects of Executive Function. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1460-9	1.2	48
112	Localized increase of chemokines in the lumen of human cerebral aneurysms. <i>Stroke</i> , <b>2013</b> , 44, 2594-7	6.7	43
111	Increased proinflammatory and oxidant gene expression in circulating mononuclear cells in older adults: amelioration by habitual exercise. <i>Physiological Genomics</i> , <b>2011</b> , 43, 895-902	3.6	42
110	Myeloperoxidase is increased in human cerebral aneurysms and increases formation and rupture of cerebral aneurysms in mice. <i>Stroke</i> , <b>2015</b> , 46, 1651-6	6.7	41
109	Arterial stiffness and pulse-pressure amplification in overweight/obese African-American adolescents: relation with higher systolic and pulse pressure. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 20-6	2.3	41
108	Regular aerobic exercise protects against impaired fasting plasma glucose-associated vascular endothelial dysfunction with aging. <i>Clinical Science</i> , <b>2013</b> , 124, 325-31	6.5	40
107	Low dietary sodium intake is associated with enhanced vascular endothelial function in middle-aged and older adults with elevated systolic blood pressure. <i>Therapeutic Advances in Cardiovascular Disease</i> , <b>2009</b> , 3, 347-56	3.4	40
106	Elevated Muscle Sympathetic Nerve Activity Contributes to Central Artery Stiffness in Young and Middle-Age/Older Adults. <i>Hypertension</i> , <b>2019</b> , 73, 1025-1035	8.5	38
105	Modulation of vascular endothelial function by low-density lipoprotein cholesterol with aging: influence of habitual exercise. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 250-6	2.3	38
104	Exercise training attenuates progressive decline in brachial artery reactivity in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , <b>2008</b> , 27, 52-9	5.8	38
103	Vascular endothelial function is related to white blood cell count and myeloperoxidase among healthy middle-aged and older adults. <i>Hypertension</i> , <b>2010</b> , 55, 363-9	8.5	36
102	Arginine vasopressin infusion is sufficient to model clinical features of preeclampsia in mice. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	33
101	Habitual aerobic exercise does not protect against micro- or macrovascular endothelial dysfunction in healthy estrogen-deficient postmenopausal women. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 11-19	3.7	32
100	Changes in central artery blood pressure and wave reflection during a cold pressor test in young adults. <i>European Journal of Applied Physiology</i> , <b>2008</b> , 103, 539-43	3.4	27
99	Comparison of cardiopulmonary responses in obese women using ramp versus step treadmill protocols. <i>American Journal of Cardiology</i> , <b>1999</b> , 83, 289-91, A7	3	26
98	Elevated vasopressin in pregnant mice induces T-helper subset alterations consistent with human preeclampsia. <i>Clinical Science</i> , <b>2018</b> , 132, 419-436	6.5	25
97	Acute Exercise Effects Predict Training Change in Cognition and Connectivity. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 131-140	1.2	23

96	Cytochrome P-450 2C9 signaling does not contribute to age-associated vascular endothelial dysfunction in humans. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 1359-63	3.7	22
95	Vasopressin: the missing link for preeclampsia?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 309, R1062-4	3.2	21
94	Novel role for endogenous hepatocyte growth factor in the pathogenesis of intracranial aneurysms. <i>Hypertension</i> , <b>2015</b> , 65, 587-93	8.5	21
93	Anxiety independently contributes to elevated inflammation in humans with obesity. <i>Obesity</i> , <b>2017</b> , 25, 286-289	8	20
92	The impact of age on vascular smooth muscle function in humans. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 445-53; discussion 453	1.9	20
91	Angiotensin AT receptors expressed in vasopressin-producing cells of the supraoptic nucleus contribute to osmotic control of vasopressin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2018</b> , 314, R770-R780	3.2	20
90	Relative burst amplitude of muscle sympathetic nerve activity is an indicator of altered sympathetic outflow in chronic anxiety. <i>Journal of Neurophysiology</i> , <b>2018</b> , 120, 11-22	3.2	20
89	Tetrahydrobiopterin supplementation enhances carotid artery compliance in healthy older men: a pilot study. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 1050-4	2.3	20
88	Muscle contraction induced arterial shear stress increases endothelial nitric oxide synthase phosphorylation in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2017</b> , 313, H854-H859	5.2	19
87	Higher Aortic Stiffness Is Associated With Lower Global Cerebrovascular Reserve Among Older Humans. <i>Hypertension</i> , <b>2018</b> , 72, 476-482	8.5	18
86	Reduced vascular tetrahydrobiopterin (BH4) and endothelial function with ageing: is it time for a chronic BH4 supplementation trial in middle-aged and older adults?. <i>Journal of Physiology</i> , <b>2008</b> , 586, 2673-4	3.9	18
85	Mechanisms and Subclinical Consequences of Aortic Stiffness. <i>Hypertension</i> , <b>2017</b> , 70, 848-853	8.5	17
84	Carotid Stiffness index is associated with slower processing speed but not working memory or white matter integrity in healthy middle-aged/older adults. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 868-876	3.7	16
83	Aortic Stiffness in Aging and Hypertension: Prevention and Treatment with Habitual Aerobic Exercise. <i>Current Hypertension Reports</i> , <b>2017</b> , 19, 90	4.7	16
82	Accuracy of a pretest questionnaire in exercise test protocol selection. <i>American Journal of Cardiology</i> , <b>2000</b> , 85, 767-70, A8-9	3	16
81	Endothelial PPAR[ $\alpha$ ] Protects From Angiotensin II-Induced Endothelial Dysfunction in Adult Offspring Born From Pregnancies Complicated by Hypertension. <i>Hypertension</i> , <b>2019</b> , 74, 173-183	8.5	12
80	Abnormal Central Pulsatile Hemodynamics in Adolescents With Obesity: Higher Aortic Forward Pressure Wave Amplitude Is Independently Associated With Greater Left Ventricular Mass. <i>Hypertension</i> , <b>2016</b> , 68, 1200-1207	8.5	12
79	Aortic pulse wave velocity and reflecting distance estimation from peripheral waveforms in humans: detection of age- and exercise training-related differences. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 305, H135-42	5.2	12

78	Reduced mRNA Expression of RGS2 (Regulator of G Protein Signaling-2) in the Placenta Is Associated With Human Preeclampsia and Sufficient to Cause Features of the Disorder in Mice. <i>Hypertension</i> , <b>2020</b> , 75, 569-579	8.5	11
77	High trans but not saturated fat beverage causes an acute reduction in postprandial vascular endothelial function but not arterial stiffness in humans. <i>Vascular Medicine</i> , <b>2016</b> , 21, 429-436	3.3	10
76	Effect of heart transplantation on skeletal muscle metabolic enzyme reserve and fiber type in end-stage heart failure patients. <i>Clinical Transplantation</i> , <b>2007</b> , 21, 94-100	3.8	10
75	Epithelial sodium channel inhibition by amiloride on blood pressure and cardiovascular disease risk in young prehypertensives. <i>Journal of Clinical Hypertension</i> , <b>2014</b> , 16, 47-53	2.3	9
74	Lack of association of exercise testing with coronary stent closure. <i>American Journal of Cardiology</i> , <b>2000</b> , 86, 1259-61, A6	3	8
73	Carotid Artery Stiffness is Associated With Cognitive Performance in Former Smokers With and Without Chronic Obstructive Pulmonary Disease. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e014862	6	7
72	Bipolar disorder and related mood states are not associated with endothelial function of small arteries in adults without heart disease. <i>General Hospital Psychiatry</i> , <b>2018</b> , 51, 36-40	5.6	7
71	Sex and age differences in the association between sympathetic outflow and central elastic artery wall thickness in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H552-H560	5.2	7
70	Introduction to the American Heart Association <sup>®</sup> Hypertension Strategically Focused Research Network. <i>Hypertension</i> , <b>2016</b> , 67, 674-80	8.5	7
69	Higher augmentation index is associated with tension-type headache and migraine in middle-aged/older humans with obesity. <i>Obesity</i> , <b>2016</b> , 24, 865-70	8	6
68	CORP: Standardizing methodology for assessing spontaneous baroreflex control of muscle sympathetic nerve activity in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H762-H771	5.2	6
67	Hemoglobin A1c and C-reactive protein are independently associated with blunted nocturnal blood pressure dipping in obesity-related prediabetes. <i>Hypertension Research</i> , <b>2018</b> , 41, 33-38	4.7	5
66	Measurement of Pulse Wave Velocity and Augmentation Index is Reproducible in Young, Healthy Men. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, S185-S186	1.2	5
65	Serum superoxide dismutase activity and nitric oxide do not correlate with arterial stiffness in children with type 1 diabetes mellitus. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2006</b> , 19, 267-9	1.6	5
64	Role of heart failure etiology on arterial wave reflection in heart transplant recipients: relation with C-reactive protein. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2273-9	1.9	5
63	Arterial-wave reflections are increased in heart failure patients with a left-ventricular assist device. <i>American Journal of Hypertension</i> , <b>2007</b> , 20, 622-8	2.3	5
62	In vitro activity of sanfetrinem (GV104326), a new trinem antimicrobial agent, versus <i>Streptococcus pneumoniae</i> , <i>Haemophilus influenzae</i> , and <i>Moraxella catarrhalis</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , <b>1996</b> , 26, 39-42	2.9	5
61	Beat-to-Beat Blood Pressure Variability in the First Trimester Is Associated With the Development of Preeclampsia in a Prospective Cohort: Relation With Aortic Stiffness. <i>Hypertension</i> , <b>2020</b> , 76, 1800-1807	8.5	5

60	Cigarette Smoking and Longitudinal Associations With Blood Pressure: The CARDIA Study. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019566	6	5
59	Cardiorespiratory fitness and hippocampal volume predict faster episodic associative learning in older adults. <i>Hippocampus</i> , <b>2020</b> , 30, 143-155	3.5	4
58	Increased aortic stiffness and elevated blood pressure in response to exercise in adult survivors of prematurity. <i>Physiological Reports</i> , <b>2020</b> , 8, e14462	2.6	4
57	Maternal microvascular dysfunction during preeclamptic pregnancy. <i>Clinical Science</i> , <b>2021</b> , 135, 1083-1101	1.5	3
56	Aortic stiffness is associated with changes in retinal arteriole flow pulsatility mediated by local vasodilation in healthy young/middle-age adults. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 84-93	3.7	2
55	Femoral vascular conductance and peroneal muscle sympathetic nerve activity responses to acute epidural spinal cord stimulation in humans. <i>Experimental Physiology</i> , <b>2018</b> , 103, 905-915	2.4	2
54	Comment on Goldfine et al. Targeting inflammation using salsalate in patients with type 2 diabetes: effects on flow-mediated dilation (TINSAL-FMD). <i>Diabetes Care</i> 2013;36:4132-4139. <i>Diabetes Care</i> , <b>2014</b> , 37, e110-1	14.6	2
53	Cognitive performance is lower among individuals with overlap syndrome than in individuals with COPD or obstructive sleep apnea alone: association with carotid artery stiffness. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 131-141	3.7	2
52	Education moderates the effects of large central artery aging on cognitive performance in middle-aged and older adults. <i>Physiological Reports</i> , <b>2019</b> , 7, e14291	2.6	2
51	CT-Measured Lung Air-Trapping is Associated with Higher Carotid Artery Stiffness in Individuals with Chronic Obstructive Pulmonary Disease. <i>Journal of Applied Physiology</i> , <b>2018</b> ,	3.7	2
50	Response by Holwerda et al to Letter Regarding Article "Elevated Muscle Sympathetic Nerve Activity Contributes to Central Artery Stiffness in Young and Middle-Age/Older Adults". <i>Hypertension</i> , <b>2019</b> , 74, e33	8.5	1
49	Cross-Sectional and Longitudinal Associations of Lifestyle Behaviors with Pericardial Adipose Tissue: The MESA Study.. <i>Medicine and Science in Sports and Exercise</i> , <b>2022</b> , 54, 984-993	1.2	1
48	Sympathetic Baroreflex Sensitivity During Mental Stress in Humans With Chronic Anxiety. <i>FASEB Journal</i> , <b>2018</b> , 32, 595.6	0.9	1
47	Arterial stiffness but not physical activity levels and vascular endothelial function are altered in early/mid pregnancy in women who develop preeclampsia. <i>FASEB Journal</i> , <b>2018</b> , 32, 715.13	0.9	1
46	Spontaneous Baroreflex Control of Muscle Sympathetic Nerve Activity in Humans: Standardizing Analysis Procedures. <i>FASEB Journal</i> , <b>2018</b> , 32, 595.8	0.9	1
45	Epidural Spinal Cord Stimulation Acutely Reduces Efferent Postganglionic Sympathetic Nerve Activity in Humans. <i>FASEB Journal</i> , <b>2018</b> , 32, 596.6	0.9	1
44	Twenty-Four-Hour Blood Pressure Variability Is Associated With Lower Cognitive Performance in Young Women With a Recent History of Preeclampsia. <i>American Journal of Hypertension</i> , <b>2021</b> , 34, 1291-1299	1.2	1
43	Initiating life-long aerobic exercise 4-5 days per week before or near age 50 years: is this the Holy-grail of preventing age-related central artery stiffness?. <i>Journal of Physiology</i> , <b>2018</b> , 596, 2635-2638	3.9	1



42	Does hormone treatment alter arterial properties in postmenopausal women?. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2007</b> , 2, 653-665	4.1	o
41	DNase 1 Protects From Increased Thrombin Generation and Venous Thrombosis During Aging: Cross-Sectional Study in Mice and Humans.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e021188	6	o
40	Microvascular Endothelial Glycocalyx Function in Human Pregnancy and Postpartum in Women with a History of Preeclampsia. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	o
39	Inflammatory and vascular correlates of mood change over 8 weeks. <i>Heart and Mind (Mumbai, India)</i> , <b>2019</b> , 3, 47-54	0.6	o
38	Vascular effects of disrupting endothelial mTORC1 signaling in obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2021</b> , 321, R228-R237	3.2	o
37	One-day acceptance and commitment therapy (ACT) workshop improves anxiety but not vascular function or inflammation in adults with moderate to high anxiety levels in a randomized controlled trial. <i>General Hospital Psychiatry</i> , <b>2021</b> , 73, 64-70	5.6	o
36	Reduced Endothelium-Dependent Dilation with Aging in Humans is Associated with Endothelial Oxidative Stress and Enhanced Expression of NADPH Oxidase. <i>FASEB Journal</i> , <b>2007</b> , 21, A1372	0.9	
35	Enhanced vascular endothelium-dependent dilation in older men who exercise is associated with markedly lower endothelial oxidative stress. <i>FASEB Journal</i> , <b>2007</b> , 21, A932	0.9	
34	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> , <b>2007</b> , 21, A445	0.9	
33	Nuclear factor B-associated inflammation mediates impaired vascular endothelial function in non-diabetic middle-aged and older overweight/obese men. <i>FASEB Journal</i> , <b>2008</b> , 22, 743.2	0.9	
32	Vascular endothelial function is selectively, positively related to leg/hip fatness in healthy postmenopausal women. <i>FASEB Journal</i> , <b>2008</b> , 22, 1211.7	0.9	
31	Increased Cytochrome P450 2C9 signaling does not contribute to vascular endothelial dysfunction in healthy older adults. <i>FASEB Journal</i> , <b>2008</b> , 22, 967.1	0.9	
30	Prediabetes in the absence of the metabolic syndrome is associated with impaired brachial artery flow-mediated dilation. <i>FASEB Journal</i> , <b>2008</b> , 22, 1211.8	0.9	
29	Tetrahydrobiopterin-mediated nitric oxide bioavailability contributes to the variability in vascular endothelial function in healthy middle-aged/older sedentary adults. <i>FASEB Journal</i> , <b>2008</b> , 22, 52-52	0.9	
28	Higher Blood Pressure Variability is Associated with Impaired Vascular Endothelial Function in Healthy Middle-Aged/Older Normotensive Adults. <i>FASEB Journal</i> , <b>2008</b> , 22, 53-53	0.9	
27	Long-Acting Beta-Agonist Use is Associated with Lower Carotid Artery Stiffness and Greater Carotid Artery Compliance in Individuals with Chronic Obstructive Pulmonary Disease. <i>FASEB Journal</i> , <b>2018</b> , 32, 843.14	0.9	
26	Reduced Placental Expression of Regulator of G-Protein Signaling-2 (RGS2) and Preeclampsia. <i>FASEB Journal</i> , <b>2018</b> , 32, 911.6	0.9	
25	Elevated Aortic Stiffness is Associated with Weaker Executive Function in Individuals with Lower Cognitive Reserve via Reductions in Frontal Cerebrovascular Reserve. <i>FASEB Journal</i> , <b>2018</b> , 32, 711.3	0.9	

- 24 Arginine Vasopressin Infusion In C57BL/6J Mice Induces Changes In The Placenta Transcriptome That Parallel Changes Observed In Placenta From Human Preeclampsia. *FASEB Journal*, **2018**, 32, 911.4 0.9
- 23 Reduced Placental Regulator of G-Protein Signaling-2 (RGS2) and Preeclampsia. *FASEB Journal*, **2019**, 33, 865.5 0.9
- 22 Reduced renal responsiveness to vasopressin during preeclampsia. *FASEB Journal*, **2019**, 33, 865.4 0.9
- 21 Individuals with Overlap Syndrome have Lower Cognitive Performance than Individuals with COPD or Obstructive Sleep Apnea Alone: Role of Carotid Artery Stiffness. *FASEB Journal*, **2019**, 33, 696.21 0.9
- 20 Elevated Aortic Stiffness is Associated with Lower Brain pH and Executive Function Performance in Middle-aged and Older Adults. *FASEB Journal*, **2019**, 33, 696.15 0.9
- 19 Elevations in Endothelin-1 Predate and are Strongly Diagnostic for the Development of Human Preeclampsia. *FASEB Journal*, **2019**, 33, 865.2 0.9
- 18 Chronic Aerobic Exercise Training Reduces Cerebrovascular Reactivity to a Breath Hold Stimulus in Middle-aged and Older Adults. *FASEB Journal*, **2019**, 33, lb431 0.9
- 17 Blood Pressure Variability during Early-Mid Pregnancy in Women Who Develop Preeclampsia: Association with Aortic Stiffness but not Baroreflex Sensitivity. *FASEB Journal*, **2019**, 33, 856.2 0.9
- 16 Increased vasopressin secretion during preeclampsia despite normal plasma osmolality. *FASEB Journal*, **2019**, 33, 865.3 0.9
- 15 Epidural spinal cord stimulation for neuropathic pain reduces blood pressure in patients with hypertension independent of pain relief: A retrospective study. *FASEB Journal*, **2019**, 33, 533.14 0.9
- 14 Elevated muscle sympathetic nerve activity is independently associated with common carotid artery wall thickness in humans. *FASEB Journal*, **2019**, 33, 562.7 0.9
- 13 Reduced Postpartum Cognitive Function in Young Women with a History of Preeclampsia: Association with Blood Pressure Variability. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 12 Reduction in mononuclear cell mRNA expression of pro-inflammatory and pro-oxidant genes with habitual aerobic exercise in older humans. *FASEB Journal*, **2009**, 23, 776.8 0.9
- 11 Sedentary Aging is Associated with a Senescent Endothelial Cell Phenotype that is Ameliorated by Habitual Aerobic Exercise. *FASEB Journal*, **2009**, 23, 965.15 0.9
- 10 Extracellular Superoxide Dismutase Activity is Reduced with Aging in Humans: Relation to Impaired Vascular Endothelial Function and Exercise Capacity. *FASEB Journal*, **2009**, 23, 777.8 0.9
- 9 Absence of Inhibitor of Nuclear Factor  $\kappa$ B Kinase-Mediated Suppression of Vascular Endothelial Function in Middle-Aged/Older Adults Who Exercise. *FASEB Journal*, **2009**, 23, LB61 0.9
- 8 Low dietary sodium intake is associated with enhanced vascular endothelial function in older adults with elevated baseline systolic blood pressure. *FASEB Journal*, **2009**, 23, 1017.5 0.9
- 7 25-Hydroxyvitamin D deficiency is associated with vascular endothelial dysfunction in middle-aged and older adults. *FASEB Journal*, **2010**, 24, 1039.7 0.9



- 6 Endothelium-dependent dilation is inversely related to hematocrit among healthy young and older adults. *FASEB Journal*, **2012**, 26, 865.13 0.9
- 5 Impaired fasting blood glucose-related exacerbation of age-associated vascular endothelial dysfunction: protective effect of regular aerobic exercise. *FASEB Journal*, **2012**, 26, 865.2 0.9
- 4 Higher volume of physical activity in the past year is associated with enhanced left ventricular diastolic function and exercise capacity and lower pressure wave reflection in healthy adolescents: no relation with time in sedentary activities. *FASEB Journal*, **2013**, 27, 712.15 0.9
- 3 Team Science: American Heart Association's Hypertension Strategically Focused Research Network Experience. *Hypertension*, **2021**, 77, 1857-1866 8.5
- 2 Dissociation between reduced pain and arterial blood pressure following epidural spinal cord stimulation in patients with chronic pain: A retrospective study. *Clinical Autonomic Research*, **2021**, 31, 303-316 4.3
- 1 Effect of exercise training and weight loss on arterial stiffness and pulsatile hemodynamics **2022**, 829-849