Demetra D Christou

List of Publications by Year
in descending order

31	1,527	430442	454577
papers	citations	18 h-index	30 g-index

32	32	32	2366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Overweight and Obese Humans Demonstrate Increased Vascular Endothelial NAD(P)H Oxidase-p47phoxExpression and Evidence of Endothelial Oxidative Stress. Circulation, 2007, 115, 627-637.	1.6	186
2	Women Have Lower Tonic Autonomic Support of Arterial Blood Pressure and Less Effective Baroreflex Buffering Than Men. Circulation, 2005, 111, 494-498.	1.6	160
3	Baroreflex Buffering Is Reduced With Age in Healthy Men. Circulation, 2003, 107, 1770-1774.	1.6	126
4	Decreased maximal heart rate with aging is related to reduced Î²-adrenergic responsiveness but is largely explained by a reduction in intrinsic heart rate. Journal of Applied Physiology, 2008, 105, 24-29.	1.2	119
5	Fatness Is a Better Predictor of Cardiovascular Disease Risk Factor Profile Than Aerobic Fitness in Healthy Men. Circulation, 2005, 111, 1904-1914.	1.6	109
6	Novel all-extremity high-intensity interval training improves aerobic fitness, cardiac function and insulin resistance in healthy older adults. Experimental Gerontology, 2016, 82, 112-119.	1.2	100
7	Increased mitochondrial emission of reactive oxygen species and calpain activation are required for doxorubicinâ€induced cardiac and skeletal muscle myopathy. Journal of Physiology, 2015, 593, 2017-2036.	1.3	99
8	Vascular mineralocorticoid receptor regulates microRNA-155 to promote vasoconstriction and rising blood pressure with aging. JCI Insight, 2016, 1, e88942.	2.3	76
9	Smooth Muscle Cellâ€“Mineralocorticoid Receptor as a Mediator of Cardiovascular Stiffness With Aging. Hypertension, 2018, 71, 609-621.	1.3	60
10	All-Extremity Exercise Training Improves Arterial Stiffness in Older Adults. Medicine and Science in Sports and Exercise, 2017, 49, 1404-1411.	0.2	44
11	Mitochondrial accumulation of doxorubicin in cardiac and diaphragm muscle following exercise preconditioning. Mitochondrion, 2019, 45, 52-62.	1.6	42
12	Mineralocorticoid receptors modulate vascular endothelial function in human obesity. Clinical Science, 2013, 125, 513-520.	1.8	39
13	Diaphragm dysfunction in heart failure is accompanied by increases in neutral sphingomyelinase activity and ceramide content. European Journal of Heart Failure, 2014, 16, 519-525.	2.9	38
14	Pharmacological targeting of mitochondrial reactive oxygen species counteracts diaphragm weakness in chronic heart failure. Journal of Applied Physiology, 2016, 120, 733-742.	1.2	37
15	Increased abdominal-to-peripheral fat distribution contributes to altered autonomic-circulatory control with human aging. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1530-H1537.	1.5	33
16	Protein Expression in Vascular Endothelial Cells Obtained from Human Peripheral Arteries and Veins. Journal of Vascular Research, 2010, 47, 1-8.	0.6	33
17	Effect of all-extremity high-intensity interval training vs. moderate-intensity continuous training on aerobic fitness in middle-aged and older adults with type 2 diabetes: A randomized controlled trial. Experimental Gerontology, 2019, 116, 46-53.	1.2	31
18	Adiposity Contributes to Differences in Left Ventricular Structure and Diastolic Function with Age in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4884-4890.	1.8	30

#	Article	IF	Citations
19	Pharmacological targeting of mitochondrial function and reactive oxygen species production prevents colon 26 cancer-induced cardiorespiratory muscle weakness. Oncotarget, 2020, 11, 3502-3514.	0.8	19
20	Vascular smooth muscle responsiveness to nitric oxide is reduced in healthy adults with increased adiposity. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H743-H750.	1.5	18
21	Small-hairpin RNA and pharmacological targeting of neutral sphingomyelinase prevent diaphragm weakness in rats with heart failure and reduced ejection fraction. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L679-L690.	1.3	18
22	Baroreflex Buffering in Sedentary and Endurance Exerciseâ€“Trained Healthy Men. Hypertension, 2003, 41, 1219-1222.	1.3	17
23	Higher levels of adiponectin in vascular endothelial cells are associated with greater brachial artery flow-mediated dilation in older adults. Experimental Gerontology, 2015, 63, 1-7.	1.2	16
24	Sex impacts the flow-mediated dilation response to acute aerobic exercise in older adults. Experimental Gerontology, 2017, 91, 57-63.	1.2	16
25	Chronic heart failure alters orexin and melanin concentrating hormone but not corticotrophin releasing hormone-related gene expression in the brain of male Lewis rats. Neuropeptides, 2015, 52, 67-72.	0.9	13
26	Acute effect of mineralocorticoid receptor antagonism on vascular function in healthy older adults. Experimental Gerontology, 2016, 73, 86-94.	1.2	12
27	Role of mineralocorticoid receptors in arterial stiffness in human aging. Experimental Gerontology, 2013, 48, 701-704.	1.2	11
28	Protection against Doxorubicin-Induced Cardiac Dysfunction Is Not Maintained Following Prolonged Autophagy Inhibition. International Journal of Molecular Sciences, 2020, 21, 8105.	1.8	11
29	Endothelial HSP72 is not reduced in type 2 diabetes nor is it a key determinant of endothelial insulin sensitivity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, 323, R43-R58.	0.9	8
30	Arterial stiffness, wave reflection amplitude and left ventricular afterload are increased in overweight individuals. Artery Research, 2013, 7, 222.	0.3	6
31	Adiposity and Vascular Endothelial Expression of Proâ€•and Antiâ€•oxidant Proteins in Humans. FASEB Journal, 2006, 20, A1181.	0.2	0