Demetra D Christou

List of Publications by Year in Descending Order

30 papers	1,208 citations	17 h-index	32 g-index
32 ext. papers	1,393 ext. citations	6.2 avg, IF	4.03 L-index

#	Paper	IF	Citations
30	Protection against Doxorubicin-Induced Cardiac Dysfunction Is Not Maintained Following Prolonged Autophagy Inhibition. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
29	Pharmacological targeting of mitochondrial function and reactive oxygen species production prevents colon 26 cancer-induced cardiorespiratory muscle weakness. *Oncotarget*, **2020**, 11, 3502-3514	3.3	5
28	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	5.8	8
27	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	4.5	9
26	Mitochondrial accumulation of doxorubicin in cardiac and diaphragm muscle following exercise preconditioning. *Mitochondrion*, **2019**, 45, 52-62	4.9	24
25	Smooth Muscle Cell-Mineralocorticoid Receptor as a Mediator of Cardiovascular Stiffness With Aging. *Hypertension*, **2018**, 71, 609-621	8.5	42
24	All-Extremity Exercise Training Improves Arterial Stiffness in Older Adults. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1404-1411	1.2	32
23	Sex impacts the flow-mediated dilation response to acute aerobic exercise in older adults. *Experimental Gerontology*, **2017**, 91, 57-63	4.5	12
22	Acute effect of mineralocorticoid receptor antagonism on vascular function in healthy older adults. *Experimental Gerontology*, **2016**, 73, 86-94	4.5	10
21	Novel all-extremity high-intensity interval training improves aerobic fitness, cardiac function and insulin resistance in healthy older adults. *Experimental Gerontology*, **2016**, 82, 112-9	4.5	77
20	Vascular mineralocorticoid receptor regulates microRNA-155 to promote vasoconstriction and rising blood pressure with aging. *JCI Insight*, **2016**, 1, e88942	9.9	57
19	Pharmacological targeting of mitochondrial reactive oxygen species counteracts diaphragm weakness in chronic heart failure. *Journal of Applied Physiology*, **2016**, 120, 733-42	3.7	26
18	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	3.3	9
17	Increased mitochondrial emission of reactive oxygen species and calpain activation are required for doxorubicin-induced cardiac and skeletal muscle myopathy. *Journal of Physiology*, **2015**, 593, 2017-36	3.9	75
16	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	4.5	12
15	Diaphragm dysfunction in heart failure is accompanied by increases in neutral sphingomyelinase activity and ceramide content. *European Journal of Heart Failure*, **2014**, 16, 519-25	12.3	30
14	Role of mineralocorticoid receptors in arterial stiffness in human aging. *Experimental Gerontology*, **2013**, 48, 701-4	4.5	11

13	Arterial stiffness, wave reflection amplitude and left ventricular afterload are increased in overweight individuals. *Artery Research*, **2013**, 7, 222	2.2	4
12	Mineralocorticoid receptors modulate vascular endothelial function in human obesity. *Clinical Science*, **2013**, 125, 513-20	6.5	35
11	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, H743-50	5.2	16
10	Protein expression in vascular endothelial cells obtained from human peripheral arteries and veins. *Journal of Vascular Research*, **2010**, 47, 1-8	1.9	31
9	Decreased maximal heart rate with aging is related to reduced {beta}-adrenergic responsiveness but is largely explained by a reduction in intrinsic heart rate. *Journal of Applied Physiology*, **2008**, 105, 24-9	3.7	95
8	Overweight and obese humans demonstrate increased vascular endothelial NAD(P)H oxidase-p47(phox) expression and evidence of endothelial oxidative stress. *Circulation*, **2007**, 115, 627-37	16.7	166
7	Adiposity and Vascular Endothelial Expression of Pro- and Anti-oxidant Proteins in Humans. *FASEB Journal*, **2006**, 20, A1181	0.9	
6	Women have lower tonic autonomic support of arterial blood pressure and less effective baroreflex buffering than men. *Circulation*, **2005**, 111, 494-8	16.7	139
5	Fatness is a better predictor of cardiovascular disease risk factor profile than aerobic fitness in healthy men. *Circulation*, **2005**, 111, 1904-14	16.7	96
4	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, H1530-7	5.2	29
3	Adiposity contributes to differences in left ventricular structure and diastolic function with age in healthy men. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 4884-90	5.6	28
2	Baroreflex buffering is reduced with age in healthy men. *Circulation*, **2003**, 107, 1770-4	16.7	111
1	Baroreflex buffering in sedentary and endurance exercise-trained healthy men. *Hypertension*, **2003**, 41, 1219-22	8.5	15