

# Demetra D Christou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Overweight and obese humans demonstrate increased vascular endothelial NAD(P)H oxidase-p47(phox) expression and evidence of endothelial oxidative stress. <i>Circulation</i> , <b>2007</b> , 115, 627-37	16.7	166
29	Women have lower tonic autonomic support of arterial blood pressure and less effective baroreflex buffering than men. <i>Circulation</i> , <b>2005</b> , 111, 494-8	16.7	139
28	Baroreflex buffering is reduced with age in healthy men. <i>Circulation</i> , <b>2003</b> , 107, 1770-4	16.7	111
27	Fitness is a better predictor of cardiovascular disease risk factor profile than aerobic fitness in healthy men. <i>Circulation</i> , <b>2005</b> , 111, 1904-14	16.7	96
26	Decreased maximal heart rate with aging is related to reduced {beta}-adrenergic responsiveness but is largely explained by a reduction in intrinsic heart rate. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 24-9	3.7	95
25	Novel all-extremity high-intensity interval training improves aerobic fitness, cardiac function and insulin resistance in healthy older adults. <i>Experimental Gerontology</i> , <b>2016</b> , 82, 112-9	4.5	77
24	Increased mitochondrial emission of reactive oxygen species and calpain activation are required for doxorubicin-induced cardiac and skeletal muscle myopathy. <i>Journal of Physiology</i> , <b>2015</b> , 593, 2017-36	3.9	75
23	Vascular mineralocorticoid receptor regulates microRNA-155 to promote vasoconstriction and rising blood pressure with aging. <i>JCI Insight</i> , <b>2016</b> , 1, e88942	9.9	57
22	Smooth Muscle Cell-Mineralocorticoid Receptor as a Mediator of Cardiovascular Stiffness With Aging. <i>Hypertension</i> , <b>2018</b> , 71, 609-621	8.5	42
21	Mineralocorticoid receptors modulate vascular endothelial function in human obesity. <i>Clinical Science</i> , <b>2013</b> , 125, 513-20	6.5	35
20	All-Extremity Exercise Training Improves Arterial Stiffness in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 1404-1411	1.2	32
19	Protein expression in vascular endothelial cells obtained from human peripheral arteries and veins. <i>Journal of Vascular Research</i> , <b>2010</b> , 47, 1-8	1.9	31
18	Diaphragm dysfunction in heart failure is accompanied by increases in neutral sphingomyelinase activity and ceramide content. <i>European Journal of Heart Failure</i> , <b>2014</b> , 16, 519-25	12.3	30
17	Increased abdominal-to-peripheral fat distribution contributes to altered autonomic-circulatory control with human aging. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 287, H1530-7	5.2	29
16	Adiposity contributes to differences in left ventricular structure and diastolic function with age in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 4884-90	5.6	28
15	Pharmacological targeting of mitochondrial reactive oxygen species counteracts diaphragm weakness in chronic heart failure. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 733-42	3.7	26
14	Mitochondrial accumulation of doxorubicin in cardiac and diaphragm muscle following exercise preconditioning. <i>Mitochondrion</i> , <b>2019</b> , 45, 52-62	4.9	24

13	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> , <b>2012</b> , 303, H743-50	5.2	16
12	Baroreflex buffering in sedentary and endurance exercise-trained healthy men. <i>Hypertension</i> , <b>2003</b> , 41, 1219-22	8.5	15
11	Sex impacts the flow-mediated dilation response to acute aerobic exercise in older adults. <i>Experimental Gerontology</i> , <b>2017</b> , 91, 57-63	4.5	12
10	Higher levels of adiponectin in vascular endothelial cells are associated with greater brachial artery flow-mediated dilation in older adults. <i>Experimental Gerontology</i> , <b>2015</b> , 63, 1-7	4.5	12
9	Role of mineralocorticoid receptors in arterial stiffness in human aging. <i>Experimental Gerontology</i> , <b>2013</b> , 48, 701-4	4.5	11
8	Acute effect of mineralocorticoid receptor antagonism on vascular function in healthy older adults. <i>Experimental Gerontology</i> , <b>2016</b> , 73, 86-94	4.5	10
7	Chronic heart failure alters orexin and melanin concentrating hormone but not corticotrophin releasing hormone-related gene expression in the brain of male Lewis rats. <i>Neuropeptides</i> , <b>2015</b> , 52, 67-72	3.3	9
6	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. <i>Experimental Gerontology</i> , <b>2019</b> , 116, 46-53	4.5	9
5	Small-hairpin RNA and pharmacological targeting of neutral sphingomyelinase prevent diaphragm weakness in rats with heart failure and reduced ejection fraction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 316, L679-L690	5.8	8
4	Pharmacological targeting of mitochondrial function and reactive oxygen species production prevents colon 26 cancer-induced cardiorespiratory muscle weakness. <i>Oncotarget</i> , <b>2020</b> , 11, 3502-3514	3.3	5
3	Arterial stiffness, wave reflection amplitude and left ventricular afterload are increased in overweight individuals. <i>Artery Research</i> , <b>2013</b> , 7, 222	2.2	4
2	Protection against Doxorubicin-Induced Cardiac Dysfunction Is Not Maintained Following Prolonged Autophagy Inhibition. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
1	Adiposity and Vascular Endothelial Expression of Pro- and Anti-oxidant Proteins in Humans. <i>FASEB Journal</i> , <b>2006</b> , 20, A1181	0.9	