

Christopher R Woodman

List of Publications by Year in Descending Order

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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.

38 papers	833 citations	15 h-index	28 g-index
38 ext. papers	875 ext. citations	3.3 avg, IF	3.58 L-index

#	Paper	IF	Citations
38	Heterogeneous effect of aging on vasorelaxation responses in large and small arteries. <i>Physiological Reports</i> , 2020 , 8, e14341	2.6	5
37	Vascular smooth muscle stiffness and its role in aging. <i>Current Topics in Membranes</i> , 2020 , 86, 217-253	2.2	1
36	Mouse Genetic Background influences Endothelial Function along the Mouse Vascular Tree. <i>FASEB Journal</i> , 2019 , 33, lb514	0.9	
35	Integrin-mediated Vasoconstrictor Function Declines with Age in Skeletal Muscle Resistance Arteries. <i>FASEB Journal</i> , 2019 , 33, 518.4	0.9	
34	Heterogeneous Effects of Aging on Vasomotor Function in Large and Small Arteries. <i>FASEB Journal</i> , 2019 , 33, lb478	0.9	
33	An Acute Bout of Aquatic Treadmill Exercise Induces Greater Improvements in Endothelial Function and Postexercise Hypotension Than Land Treadmill Exercise: A Crossover Study. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018 , 97, 578-584	2.6	5
32	Vascular Smooth Muscle Contractile Function Declines With Age in Skeletal Muscle Feed Arteries. <i>Frontiers in Physiology</i> , 2018 , 9, 856	4.6	13
31	Effect of aging on Rho-kinase activity and vascular smooth muscle contractility in skeletal muscle resistance arteries. <i>FASEB Journal</i> , 2018 , 32, 705.8	0.9	
30	Importance of mechanical signals in promoting exercise-induced improvements in vasomotor function of aged skeletal muscle resistance arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H602-H609	5.2	0
29	Short-duration increases in intraluminal pressure improve vasoconstrictor responses in aged skeletal muscle feed arteries. <i>European Journal of Applied Physiology</i> , 2016 , 116, 931-7	3.4	5
28	Short-term increases in pressure and shear stress attenuate age-related declines in endothelial function in skeletal muscle feed arteries. <i>European Journal of Applied Physiology</i> , 2016 , 116, 1305-11	3.4	4
27	Exercise-Like Mechanical Stimulation of Soleus Feed Arteries (SFA) Attenuates Age-Induced Endothelial Dysfunction. <i>FASEB Journal</i> , 2015 , 29, LB553	0.9	
26	Acute increases in intraluminal pressure improve vasodilator responses in aged soleus muscle feed arteries. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2213-21	3.4	5
25	Aging impairs PI3K/Akt signaling and NO-mediated dilation in soleus muscle feed arteries. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2039-46	3.4	15
24	Effect of age and exercise training on protein:protein interactions among eNOS and its regulatory proteins in rat aortas. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2761-8	3.4	10
23	Aging impairs flow-induced dilation in skeletal muscle feed arteries: role of Akt-dependent phosphorylation of eNOS. <i>FASEB Journal</i> , 2012 , 26, lb636	0.9	
22	NAD(P)H oxidase-derived reactive oxygen species contribute to age-related impairments of endothelium-dependent dilation in rat soleus feed arteries. <i>Journal of Applied Physiology</i> , 2011 , 110, 1171-80	3.7	43

21	Role of Superoxide in endothelium-dependent dilation of soleus feed arteries in young and old rats. <i>FASEB Journal</i> , 2010 , 24, 602.2	0.9	
20	Setting the "tone" for aging in the skeletal muscle microcirculation. <i>Journal of Applied Physiology</i> , 2009 , 107, 377-8	3.7	2
19	Exercise training reverses age-related decrements in endothelium-dependent dilation in skeletal muscle feed arteries. <i>Journal of Applied Physiology</i> , 2009 , 106, 1925-34	3.7	60
18	Age-related Alterations in PI3-Kinase/Akt and Heat Shock Protein 90 signaling in Dilation of Rat Soleus Feed Arteries. <i>FASEB Journal</i> , 2009 , 23, LB79	0.9	
17	Exercise training increases extracellular superoxide dismutase protein content in soleus muscle feed arteries of aged rats.. <i>FASEB Journal</i> , 2008 , 22, 1235.2	0.9	
16	Short-term increases in intraluminal pressure reverse age-related decrements in endothelium-dependent dilation in soleus muscle feed arteries. <i>Journal of Applied Physiology</i> , 2007 , 103, 1172-9	3.7	20
15	Rho-kinase contributes to increased contractile responses in coronary arteries of hypercholesterolemic swine. <i>FASEB Journal</i> , 2007 , 21, A853	0.9	
14	Shear stress induces eNOS mRNA expression and improves endothelium-dependent dilation in senescent soleus muscle feed arteries. <i>Journal of Applied Physiology</i> , 2005 , 98, 940-6	3.7	68
13	Endurance exercise training improves endothelium-dependent relaxation in brachial arteries from hypercholesterolemic male pigs. <i>Journal of Applied Physiology</i> , 2005 , 99, 1412-21	3.7	27
12	Exercise preserves endothelium-dependent relaxation in coronary arteries of hypercholesterolemic male pigs. <i>Journal of Applied Physiology</i> , 2004 , 96, 1114-26	3.7	55
11	Exercise attenuates the effects of hypercholesterolemia on endothelium-dependent relaxation in coronary arteries from adult female pigs. <i>Journal of Applied Physiology</i> , 2004 , 96, 1105-13	3.7	32
10	Selected Contribution: Aging impairs nitric oxide and prostacyclin mediation of endothelium-dependent dilation in soleus feed arteries. <i>Journal of Applied Physiology</i> , 2003 , 95, 2164-70	3.7	50
9	Exercise training preserves endothelium-dependent relaxation in brachial arteries from hyperlipidemic pigs. <i>Journal of Applied Physiology</i> , 2003 , 94, 2017-26	3.7	40
8	Short-term training enhances endothelium-dependent dilation of coronary arteries, not arterioles. <i>Journal of Applied Physiology</i> , 2003 , 94, 234-44	3.7	40
7	Aging induces muscle-specific impairment of endothelium-dependent dilation in skeletal muscle feed arteries. <i>Journal of Applied Physiology</i> , 2002 , 93, 1685-90	3.7	95
6	Mechanisms of flow and ACh-induced dilation in rat soleus arterioles are altered by hindlimb unweighting. <i>Journal of Applied Physiology</i> , 2002 , 92, 901-11	3.7	13
5	Endothelium-mediated relaxation of porcine collateral-dependent arterioles is improved by exercise training. <i>Circulation</i> , 2001 , 104, 1393-8	16.7	63
4	Hindlimb unweighting decreases endothelium-dependent dilation and eNOS expression in soleus not gastrocnemius. <i>Journal of Applied Physiology</i> , 2001 , 91, 1091-8	3.7	51

3	Hindlimb unweighting alters endothelium-dependent vasodilation and ecNOS expression in soleus arterioles. <i>Journal of Applied Physiology</i> , 2000 , 89, 1483-90	3.7	44
2	Hindlimb unweighting decreases ecNOS gene expression and endothelium-dependent dilation in rat soleus feed arteries. <i>Journal of Applied Physiology</i> , 1999 , 87, 1476-82	3.7	59
1	Cyclic adenosine monophosphate accumulation and beta-adrenergic binding in unweighted and denervated rat soleus muscle. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 793-9	12.7	8