

# Jay R Hydren

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

368  
citations

840776

11  
h-index

794594

19  
g-index

26  
all docs

26  
docs citations

26  
times ranked

563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Relationship Between Vascular Function in the Coronary and Brachial Arteries. <i>Hypertension</i> , 2019, 74, 208-215.	2.7	63
2	The Effects of a Customized Over-the-Counter Mouth Guard on Neuromuscular Force and Power Production in Trained Men and Women. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 1085-1093.	2.1	47
3	Drinking to Thirst Versus Drinking Ad Libitum During Road Cycling. <i>Journal of Athletic Training</i> , 2014, 49, 624-631.	1.8	45
4	Single passive leg movement assessment of vascular function: contribution of nitric oxide. <i>Journal of Applied Physiology</i> , 2017, 123, 1468-1476.	2.5	33
5	Bone formation is suppressed with multi-stressor military training. <i>European Journal of Applied Physiology</i> , 2014, 114, 2251-2259.	2.5	32
6	Systematic Review and Meta-Analysis of Predictors of Military Task Performance: Maximal Lift Capacity. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1142-1164.	2.1	28
7	Current Scientific Evidence for a Polarized Cardiovascular Endurance Training Model. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 3523-3530.	2.1	24
8	Imaging transcranial Doppler ultrasound to measure middle cerebral artery blood flow: the importance of measuring vessel diameter. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R33-R42.	1.8	18
9	Human Muscle Protein Synthetic Responses during Weight-Bearing and Non-Weight-Bearing Exercise: A Comparative Study of Exercise Modes and Recovery Nutrition. <i>PLoS ONE</i> , 2015, 10, e0140863.	2.5	15
10	Performance Changes During a Weeklong High-Altitude Alpine Ski-Racing Training Camp in Lowlander Young Athletes. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 924-937.	2.1	13
11	Vasodilatory and vascular mitochondrial respiratory function with advancing age: evidence of a free radically mediated link in the human vasculature. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R701-R711.	1.8	13
12	The role of the endothelium in the hyperemic response to passive leg movement: looking beyond nitric oxide. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H668-H678.	3.2	9
13	Delineating the age-related attenuation of vascular function: Evidence supporting the efficacy of the single passive leg movement as a screening tool. <i>Journal of Applied Physiology</i> , 2019, 126, 1525-1532.	2.5	8
14	Exercise Capacity in Mechanically Supported Advanced Heart Failure Patients: It Is All About the Beat. <i>ASAIO Journal</i> , 2020, 66, 339-342.	1.6	6
15	The "double whammy" of a continuous-flow left ventricular assist device on von Willebrand factor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 910-915.	0.8	4
16	Observed Dietary Practices of Recreational Ultraendurance Cyclists in the Heat. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1607-1612.	2.1	3
17	Nitric oxide synthase inhibition with N(G)-monomethyl-L-arginine: Determining the window of effect in the human vasculature. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 104-105, 51-60.	2.7	3
18	International Research Consensus. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S24-S27.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Vascular function in continuous-flow left ventricular assist device recipients: effect of a single pulsatility treatment session. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R425-R437.	1.8	2
20	Bone Formation is Suppressed with U.S. Army Ranger Training. Medicine and Science in Sports and Exercise, 2014, 46, 36.	0.4	0
21	Role of Alpha $\alpha$ 1 Adrenergic Vasoconstriction in Regulating Skeletal Muscle Blood Flow during Single Leg Knee Extension Exercise with Advancing Age. FASEB Journal, 2018, 32, 594.5.	0.5	0
22	Sex Differences in the Sympathetic Restraint of Skeletal Muscle Blood Flow in the Human Leg Vasculature. FASEB Journal, 2018, 32, 594.4.	0.5	0
23	Mechanisms of Age-related Compensatory Vasodilation: Insight from Passive Leg Movement. FASEB Journal, 2018, 32, 726.7.	0.5	0
24	Delineating the age-related attenuation of vascular function: evidence supporting the efficacy of single passive leg movement.. FASEB Journal, 2018, 32, 578.6.	0.5	0
25	Vascular Function in Heart Failure Patients Implanted with a Continuous-flow Left Ventricular Assist Device: Impact of Increasing Peripheral Vascular Pulsatility. FASEB Journal, 2019, 33, 532.16.	0.5	0