

Wesley K Lefferts

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/458119/wesley-k-lefferts-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68

papers

336

citations

11

h-index

16

g-index

99

ext. papers

439

ext. citations

1.9

avg, IF

3.56

L-index

#	Paper	IF	Citations
68	Oral vitamin C restores endothelial function during acute inflammation in young and older adults. <i>Physiological Reports</i> , 2021 , 9, e15104	2.6	0
67	Physical activity is associated with lower pulsatile stress but not carotid stiffness in children. <i>Journal of Human Hypertension</i> , 2021 ,	2.6	1
66	Impact of acute changes in blood pressure and arterial stiffness on cerebral pulsatile haemodynamics in young and middle-aged adults. <i>Experimental Physiology</i> , 2021 , 106, 1643-1653	2.4	0
65	Assessment of Cerebrovascular Dynamics and Cognitive Function with Acute Aerobic Exercise in Persons with Multiple Sclerosis. <i>International Journal of MS Care</i> , 2021 , 23, 162-169	2.3	
64	Racial Differences In Heart Rate Variability Remain After Accounting For Physical Activity In Children. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 100-100	1.2	
63	Associations Between Physical Activity, Body Mass Index And Carotid Extra-Medial Thickness In Children. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 77-77	1.2	
62	Problem-solving therapy-induced amygdala engagement mediates lifestyle behavior change in obesity with comorbid depression: a randomized proof-of-mechanism trial. <i>American Journal of Clinical Nutrition</i> , 2021 ,	7	3
61	Sex differences in cardiovascular adaptations in recreational marathon runners. <i>European Journal of Applied Physiology</i> , 2021 , 121, 3459-3472	3.4	1
60	Racial Differences in Left Ventricular Mass and Wave Reflection Intensity in Children. <i>Frontiers in Pediatrics</i> , 2020 , 8, 132	3.4	3
59	Effects of Whey Protein Supplementation on Aortic Stiffness, Cerebral Blood Flow, and Cognitive Function in Community-Dwelling Older Adults: Findings from the ANCHORS A-WHEY Clinical Trial. <i>Nutrients</i> , 2020 , 12,	6.7	2
58	Abstract P223: Reduced Nonconscious Reactivity to Threat in Amygdala Mediates Physical Activity and Energy Expenditure in Integrated Behavior Therapy for Adults With Obesity and Comorbid Depression. <i>Circulation</i> , 2020 , 141,	16.7	1
57	INCREASED CEREBRAL BLOOD VELOCITY DURING ACUTE RESISTANCE EXERCISE IS SIMILAR BETWEEN YOUNG AND OLDER ADULTS. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
56	Effect of Live-Firefighting on Ventricular-Vascular Coupling in Middle-Aged Firefighters. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
55	No Sex Differences in Cerebral Blood Velocity Responses During Resistance Exercise. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
54	Blood Pressure Maintained in Response to a Hypotensive Stimulus During Mild Acute Inflammation. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
53	Similar Effects of Acute Resistance Exercise on Carotid Stiffness in Males and Females. <i>International Journal of Sports Medicine</i> , 2020 , 41, 82-88	3.6	1
52	Preservation of Neurovascular Coupling to Cognitive Activity in Anterior Cerebrovasculature During Incremental Ascent to High Altitude. <i>High Altitude Medicine and Biology</i> , 2020 , 21, 20-27	1.9	2

51	Influence of sprint exercise on aortic pulse wave velocity and femoral artery shear patterns. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2635-2647	3.4	1
50	Age, sex, and the vascular contributors to cerebral pulsatility and pulsatile damping. <i>Journal of Applied Physiology</i> , 2020 , 129, 1092-1101	3.7	8
49	No effect of fitness on brachial or forearm vascular function during acute inflammation in young adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R746-R753	3.2	3
48	Effect of external compression on femoral retrograde shear and microvascular oxygenation in exercise trained and recreationally active young men. <i>European Journal of Applied Physiology</i> , 2019 , 119, 1809-1818	3.4	1
47	Effects of Acute Aerobic Exercise on Cognition and Constructs of Decision-Making in Adults With and Without Hypertension. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 41	5.3	7
46	Acute systemic inflammation reduces both carotid and aortic wave reflection in healthy adults. <i>Physiological Reports</i> , 2019 , 7, e14203	2.6	3
45	Influence of Fitness on Vascular Function in Young Adults during Acute Inflammation. <i>FASEB Journal</i> , 2019 , 33, 523.1	0.9	
44	Vascular Contributions to Intracranial Hemodynamic Pulsatility and Pulsatile Dampening in Adults. <i>FASEB Journal</i> , 2019 , 33, 829.8	0.9	
43	Validity of Stroke Volume and Cardiac Output Measurement between Finger Photoplethysmography and Continuous Wave Echocardiography during Treadmill Exercise in Adults with and without Down syndrome. <i>FASEB Journal</i> , 2019 , 33, 536.12	0.9	
42	Influence of Cardiorespiratory Fitness on Central and Local Arterial Stiffness During Acute Inflammation. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 805-806	1.2	
41	Effects of External Calf Compression on Microvascular Oxygenation in the Lower Limb of Young Men. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 492-492	1.2	
40	The Relationship Between Body Mass Index and Aortic Stiffness in Females Across the Lifespan. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 676-676	1.2	
39	Effects of High-Altitude Hypoxia on Neurovascular Coupling During Cognitive Activity. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 160-161	1.2	
38	Hypoxic Cerebrovascular Reactivity Does Not Predict Cognitive Function in Mt. Everest Basecamp Trekkers. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 160-160	1.2	
37	Visceral Adiposity is Associated with Lower Cerebral Blood Velocity in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 493-494	1.2	
36	Changes in cognitive function and latent processes of decision-making during incremental ascent to high altitude. <i>Physiology and Behavior</i> , 2019 , 201, 139-145	3.5	12
35	Effects of acute aerobic exercise on arterial stiffness and cerebrovascular pulsatility in adults with and without hypertension. <i>Journal of Hypertension</i> , 2018 , 36, 1743-1752	1.9	15
34	Neurovascular coupling during cognitive activity in adults with controlled hypertension. <i>Journal of Applied Physiology</i> , 2018 , 125, 1906-1916	3.7	7

33	Cerebral hemodynamics and intracranial aneurysms: Reflecting on pipeline embolization devices. <i>Interventional Neuroradiology</i> , 2018 , 24, 631-634	1.9	1
32	Aortic stiffness, central pulse pressure and cognitive function following acute resistance exercise. <i>European Journal of Applied Physiology</i> , 2018 , 118, 2203-2211	3.4	3
31	Carotid artery stiffness and cerebral pulsatility in children. <i>Artery Research</i> , 2018 , 22, 64-67	2.2	3
30	Cerebrovascular Reactivity and Cognitive Function in Hypertensive and Non-Hypertensive Adults. <i>FASEB Journal</i> , 2018 , 32, 711.6	0.9	
29	Sex Differences In Aortic Stiffness, 24-hour Blood Pressure, And Cardiac Deformation In Marathon Runners. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 191	1.2	
28	Influence of High-Intensity Exercise on Aortic Stiffness and Femoral Artery Shear Patterns. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 181	1.2	
27	Arterial stiffness and cerebral hemodynamic pulsatility during cognitive engagement in younger and older adults. <i>Experimental Gerontology</i> , 2018 , 101, 54-62	4.5	17
26	P87 CEREBROVASCULAR REACTIVITY DURING COGNITIVE ACTIVATION IN ADULTS WITH CONTROLLED HYPERTENSION. <i>Artery Research</i> , 2018 , 24, 103	2.2	
25	Sex differences in aortic stiffness following acute resistance exercise. <i>Artery Research</i> , 2018 , 23, 52	2.2	1
24	Relation between exercise central haemodynamic response and resting cardiac structure and function in young healthy men. <i>Clinical Physiology and Functional Imaging</i> , 2017 , 37, 372-378	2.4	4
23	Racial Differences in Aortic Stiffness in Children. <i>Journal of Pediatrics</i> , 2017 , 180, 62-67	3.6	26
22	Carotid artery reactivity during sympathetic activation following acute resistance exercise. <i>Clinical Autonomic Research</i> , 2017 , 27, 417-421	4.3	3
21	Carotid stiffness, extra-media thickness and visceral adiposity in young adults. <i>Atherosclerosis</i> , 2017 , 265, 140-146	3.1	13
20	Maybe the fountain of youth was actually a treadmill: role of exercise in reversing microvascular and diastolic dysfunction. <i>Journal of Physiology</i> , 2017 , 595, 5755-5756	3.9	
19	Effect of acute nitrate supplementation on neurovascular coupling and cognitive performance in hypoxia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, 133-41	3	22
18	Effect of acute nitrate ingestion on central hemodynamic load in hypoxia. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 52, 49-55	5	5
17	Subclinical atherosclerotic risk in endurance-trained premenopausal amenorrheic women. <i>Atherosclerosis</i> , 2016 , 244, 157-64	3.1	9
16	Effect of hypoxia on cerebrovascular and cognitive function during moderate intensity exercise. <i>Physiology and Behavior</i> , 2016 , 165, 108-18	3.5	26

15	Association between pulsatile blood pressure and cognitive performance among older adults: Insight from the National Health and Nutrition Examination Survey 1999-2002. <i>International Journal of Cardiology</i> , 2016 , 223, 981-984	3.2	4
14	Exercise-induced heat stress disrupts the shear-dilatory relationship. <i>Experimental Physiology</i> , 2016 , 101, 1541-1551	2.4	4
13	Carotid artery stiffness and hemodynamic pulsatility during cognitive engagement in healthy adults: a pilot investigation. <i>American Journal of Hypertension</i> , 2015 , 28, 615-22	2.3	10
12	Vascular and central hemodynamic changes following exercise-induced heat stress. <i>Vascular Medicine</i> , 2015 , 20, 222-9	3.3	13
11	Acute effect of high-intensity cycling exercise on carotid artery hemodynamic pulsatility. <i>European Journal of Applied Physiology</i> , 2015 , 115, 1037-45	3.4	22
10	Exercise-Induced Heat Stress Disrupts the Shear-Dilatory Relationship in the Brachial Artery. <i>FASEB Journal</i> , 2015 , 29, 994.8	0.9	
9	Sex differences in noninvasive estimates of left ventricular pressure energetics but not myocardial oxygen demand in young adults. <i>Artery Research</i> , 2014 , 8, 197	2.2	2
8	PO-05 BUFFERING OF CAROTID ARTERY PRESSURE AND FLOW PULSATILITY DURING COGNITIVE ENGAGEMENT IN HEALTHY ADULTS. <i>Artery Research</i> , 2014 , 8, 167	2.2	
7	The relationship between carotid blood pressure reactivity to mental stress and carotid intima-media thickness. <i>Atherosclerosis</i> , 2014 , 236, 227-9	3.1	6
6	Effect of base layer materials on physiological and perceptual responses to exercise in personal protective equipment. <i>Applied Ergonomics</i> , 2014 , 45, 428-36	4.2	10
5	Effect of acute resistance exercise on carotid artery stiffness and cerebral blood flow pulsatility. <i>Frontiers in Physiology</i> , 2014 , 5, 101	4.6	29
4	Arterial stiffness as a noninvasive tissue biomarker of cardiac target organ damage. <i>Current Biomarker Findings</i> , 2014 , 23		1
3	Manipulation of arterial stiffness, wave reflections, and retrograde shear rate in the femoral artery using lower limb external compression. <i>Physiological Reports</i> , 2013 , 1, e00022	2.6	11
2	Hemodynamic correlates of late systolic flow velocity augmentation in the carotid artery. <i>International Journal of Hypertension</i> , 2013 , 2013, 920605	2.4	17
1	A new exercise central hemodynamics paradigm: time for reflection or expansion?. <i>Hypertension</i> , 2013 , 62, e35	8.5	2