

Alvaro N Gurovich

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.

62

papers

399

citations

10

h-index

19

g-index

97

ext. papers

461

ext. citations

1.6

avg, IF

3.41

L-index

#	Paper	IF	Citations
62	Central, peripheral and resistance arterial reactivity: fluctuates during the phases of the menstrual cycle. <i>Experimental Biology and Medicine</i> , 2010 , 235, 111-8	3.7	132
61	Age and exercise training alter signaling through reactive oxygen species in the endothelium of skeletal muscle arterioles. <i>Journal of Applied Physiology</i> , 2013 , 114, 681-93	3.7	41
60	Redox balance in the aging microcirculation: new friends, new foes, and new clinical directions. <i>Microcirculation</i> , 2012 , 19, 19-28	2.9	41
59	Enhanced external counterpulsation creates acute blood flow patterns responsible for improved flow-mediated dilation in humans. <i>Hypertension Research</i> , 2013 , 36, 297-305	4.7	33
58	The acute effects of smokeless tobacco on central aortic blood pressure and wave reflection characteristics. <i>Experimental Biology and Medicine</i> , 2010 , 235, 1263-8	3.7	23
57	Aortic Pulse Wave Analysis is not a surrogate for central arterial Pulse Wave Velocity. <i>Experimental Biology and Medicine</i> , 2009 , 234, 1339-44	3.7	19
56	Pulse wave analysis and pulse wave velocity techniques: are they ready for the clinic?. <i>Hypertension Research</i> , 2011 , 34, 166-9	4.7	15
55	Analysis of both pulsatile and streamline blood flow patterns during aerobic and resistance exercise. <i>European Journal of Applied Physiology</i> , 2012 , 112, 3755-64	3.4	13
54	Validity of a novel wristband tonometer for measuring central hemodynamics and augmentation index. <i>American Journal of Hypertension</i> , 2014 , 27, 926-31	2.3	11
53	Association of age with timing and amplitude of reflected pressure waves during exercise in men. <i>American Journal of Hypertension</i> , 2011 , 24, 415-20	2.3	11
52	Flow-mediated dilation is associated with endothelial oxidative stress in human venous endothelial cells. <i>Vascular Medicine</i> , 2014 , 19, 251-256	3.3	10
51	Internal validation of an automated system for brachial and femoral flow mediated dilation. <i>Clinical Hypertension</i> , 2017 , 23, 17	4.8	7
50	Comparison of the Observed Heart Rate during Blood Lactate-based Exercise Intensity vs. Three Heart Rate-based Methods in Cardiovascular Rehabilitation. <i>Cardiopulmonary Physical Therapy Journal</i> , 2014 , 25, 50-54	1	6
49	Comparison between cuff-based and radial tonometry exercise-induced central blood pressure. <i>European Journal of Applied Physiology</i> , 2019 , 119, 901-911	3.4	6
48	Blood flow patterns during incremental and steady-state aerobic exercise. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018 , 58, 1537-1543	1.4	5
47	Characterization of blood flow patterns and endothelial shear stress during flow-mediated dilation. <i>Clinical Physiology and Functional Imaging</i> , 2019 , 39, 240-245	2.4	3
46	Reproducibility Of Brachial And Femoral Arterial Diameter And Flow-mediated Dilation Via Automatic Edge-detection Software. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 315	1.2	3

45	Wasted Left Ventricular Pressure Energy is Increased In Patients With Refractory Angina. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 69	1.2	3
44	Three-Dimension Blood Flow Classification Scheme Better Describes NO-Mediated Arterial Vasodilation. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 7	1.2	3
43	Clinical Markers of Exercise Intensity as a Surrogate for Blood Lactate Levels Only During Low-Intensity Exercise in Patients With Coronary Artery Disease. <i>Cardiopulmonary Physical Therapy Journal</i> , 2018 , 29, 144-151	1	3
42	Patients with refractory angina have increased aortic wave reflection and wasted left ventricular pressure energy. <i>Artery Research</i> , 2014 , 8, 9	2.2	2
41	Differences between Males and Females in Determining Exercise Intensity. <i>International Journal of Exercise Science</i> , 2020 , 13, 1305-1316	1.3	2
40	Putting the Physiology Back in Physiotherapy. <i>Cardiopulmonary Physical Therapy Journal</i> , 2019 , 30, 136-138		2
39	Acute dietary nitrate does not reduce resting metabolic rate or oxidative stress marker 8-isoprostane in healthy males and females. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 887-893	3.7	1
38	A Novel Eccentric Therapeutic Approach for Individuals Recovering From COVID-19. <i>Cardiopulmonary Physical Therapy Journal</i> , 2021 , 32, S15-S21	1	1
37	Effects of in-vitro exercise-induced endothelial shear stress on adhesion molecule gene expression. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	1
36	Changes in Oxidative Stress and Resting Metabolic Rate after Acute Dietary Nitrate Supplementation. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 592	1.2	1
35	Controlled Re-Injury of a Thigh Muscle Tear in a Soccer Player: a Case Study. <i>Journal of Physical Therapy Science</i> , 2012 , 24, 295-299	1	0
34	Imaging Ultrasound Assessment of Exercise-Induced Endothelial Shear Stress of the Brachial and Carotid Arteries. <i>Cardiopulmonary Physical Therapy Journal</i> , 2021 , 32, 30-36	1	0
33	There are no differences in brachial artery endothelial shear stress and blood flow patterns between males and females during exercise. <i>Clinical Physiology and Functional Imaging</i> , 2021 , 41, 471-479	2.4	0
32	Aortic Root Dilation in Professional SCUBA Diver. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 20	1.2	
31	Dietary Nitrate and Pulse Wave Analysis. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 818	1.2	
30	CLINICAL VARIABLES COULD SURROGATE BLOOD LACTATE LEVELS AS AN EXERCISE INTENSITY MARKER ONLY DURING LOW INTENSITY EXERCISE IN PATIENTS WITH CORONARY ARTERY DISEASE.. <i>Cardiopulmonary Physical Therapy Journal</i> , 2014 , 25, 117	1	
29	A Prospective Look at the Impact of Aging On Central Hemodynamics During Exercise in Men. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 308	1.2	
28	Endothelial shear stress in the common carotid artery during boxing training in prehypertension. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	

27	Blood Lactate Steady State Is Maintained During Moderate Intensity Interval Training Depending Rest Time Duration. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 834-834	1.2
26	EMG Comparison between Sixth Grade Students. <i>FASEB Journal</i> , 2018 , 32, 629.6	0.9
25	Middle School Females Have More Efficient Multitasking Abilities than Males. <i>FASEB Journal</i> , 2018 , 32, 629.5	0.9
24	PhUn week 101: New Institution, New Partners, New Hope. <i>FASEB Journal</i> , 2018 , 32, 629.9	0.9
23	Acute Dietary Nitrate Supplementation has no Significant Effect on Wasted Left Ventricular Energy in Young Healthy Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 592	1.2
22	Effect of Increased Nitric Oxide Bioavailability on Endothelial Function and Pulse Wave Velocity. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 592-593	1.2
21	Blood Lactate Steady state Level Sustained During Rest Time In Moderate Intensity Interval Training. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 137-138	1.2
20	PhUn Week: Bigger and Better. <i>FASEB Journal</i> , 2019 , 33, 766.15	0.9
19	Differences in Exercise-Induced Blood Flow Patterns between Apparently Healthy Female and Male Subjects. <i>FASEB Journal</i> , 2019 , 33, 534.4	0.9
18	Heart Rate Differences in Males and Females during Similar Physiological Work. <i>FASEB Journal</i> , 2019 , 33, 534.5	0.9
17	Reliability of a Novel Ultrasound Transducer Holder for Flow-Mediated Dilation. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
16	PhUn Day: Third Times a Charm. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
15	Effects of in Vitro Exercise-Induced Endothelial Shear Stress on Oxidative Stress and Vasoconstriction Gene Expression. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
14	Assessment of an APS PhUn week activity in second grade school children of a rural area (531.22). <i>FASEB Journal</i> , 2014 , 28, 531.22	0.9
13	Reaction Time as a Physiological Process in Fourth Grade Students. <i>FASEB Journal</i> , 2015 , 29, 541.12	0.9
12	How to teach physiology to 4th-grade children? High Tech PhUn!. <i>FASEB Journal</i> , 2015 , 29, 541.11	0.9
11	The Cardiovascular System for Fourth Graders: Heart Rate and Physical Activity during PhUn Week. <i>FASEB Journal</i> , 2015 , 29, 541.13	0.9
10	Measuring Brain Activity in Fourth Grade Students Through Biopac Science Lab. <i>FASEB Journal</i> , 2015 , 29, 541.14	0.9

- 9 Changes in in vivo renal artery hemodynamics after exercise training. *FASEB Journal*, **2011**, 25, lb439 0.9
- 8 Endothelial cell oxidative stress decreases after short-term, moderate-intensity exercise training. *FASEB Journal*, **2011**, 25, 1056.2 0.9
- 7 Aerobic exercise affects body weight differently in young and old rats. *FASEB Journal*, **2012**, 26, lb731 0.9
- 6 Local adiponectin production in skeletal muscle resistance arteries: effects of exercise and shear stress. *FASEB Journal*, **2012**, 26, 681.6 0.9
- 5 Lactate Threshold Velocity At 4 mMol/l Does Not Maintain Blood Lactate Levels During Steady State Intensity. *Medicine and Science in Sports and Exercise*, **2019**, 51, 325-325 1.2
- 4 Comparison of Exercise-induce Endothelial Shear Stress Between Poiseuille's Law and Womersley's Approximation. *Medicine and Science in Sports and Exercise*, **2018**, 50, 181 1.2
- 3 Impact Of The Fractioned Distance On Endurance Training In Soccer Players. *Medicine and Science in Sports and Exercise*, **2018**, 50, 138 1.2
- 2 Blood Lactate Steady State During High Intensity Interval Training Could Be Sustained Over Continuous Maximal Lactate Steady State. *Medicine and Science in Sports and Exercise*, **2021**, 53, 39-39 1.2
- 1 Estimation Of Skeletal Muscle Tissue In Athletes Using Dual X Ray Absorptiometry, Anthropometry, And Bioelectrical Impedance. *Medicine and Science in Sports and Exercise*, **2021**, 53, 125-125 1.2