Gerald Stanley Zavorsky

List of Publications by Year in Descending Order

103 papers	2,843 citations	23 h-index	51 g-index
118 ext. papers	3,284 ext. citations	3.8 avg, IF	5.28 L-index

#	Paper	IF	Citations
103	Incorrect Terminology Confuses Articles Purpose and Usefulness. *Medicine and Science in Sports and Exercise*, **2021**, 53, 1315	1.2	1
102	The need for race-specific reference equations for pulmonary diffusing capacity for nitric oxide. *BMC Pulmonary Medicine*, **2021**, 21, 232	3.5	1
101	Stability of Whole Blood Lactate Specimens at Room Temperature Versus Slushed Ice Conditions. *Respiratory Care*, **2021**, 66, 494-500	2.1	3
100	Week to week variability of pulmonary capillary blood volume and alveolar membrane diffusing capacity in patients with heart failure. *Respiratory Physiology and Neurobiology*, **2021**, 290, 103679	2.8	
99	Variability in pulmonary diffusing capacity in heart failure. *Respiratory Physiology and Neurobiology*, **2020**, 280, 103473	2.8	1
98	Association between Concussions and Suicidal Behaviors in Adolescents. *Journal of Neurotrauma*, **2020**, 37, 1401-1407	5.4	12
97	Sexual Activity the Night Before Exercise Does Not Affect Various Measures of Physical Exercise Performance. *Sexual Medicine*, **2019**, 7, 235-240	2.7	2
96	Acute Reduction in Spirometry Values After Prolonged Exercise Among Recreational Runners. *Respiratory Care*, **2019**, 64, 26-33	2.1	6
95	Effects of sexual activity on several measures of physical performance in young adult males. *Journal of Sports Medicine and Physical Fitness*, **2019**, 59, 1102-1109	1.4	1
94	Waterpipe Smoking in Health-Care Students: Prevalence, Knowledge, Attitudes, and Motives. *Respiratory Care*, **2019**, 64, 321-327	2.1	2
93	Spirometry Values In Recreational Runners Are Acutely Lower After Prolonged Exercise. *Medicine and Science in Sports and Exercise*, **2018**, 50, 285	1.2	
92	Can the measurement of pulmonary diffusing capacity for nitric oxide replace the measurement of pulmonary diffusing capacity for carbon monoxide?. *Respiratory Physiology and Neurobiology*, **2017**, 241, 9-16	2.8	13
91	Correct Data and Meta-analytic Approaches Show the Reduced Risk of Concussion for Athletes Playing at Higher Altitudes-Reply. *JAMA Neurology*, **2017**, 74, 485-486	17.2	3
90	Standardisation and application of the single-breath determination of nitric oxide uptake in the lung. *European Respiratory Journal*, **2017**, 49,	13.6	68
89	Controlled Frequency Breathing Reduces Inspiratory Muscle Fatigue. *Journal of Strength and Conditioning Research*, **2017**, 31, 1273-1281	3.2	7
88	The association between cardiorespiratory fitness and pulmonary diffusing capacity. *Respiratory Physiology and Neurobiology*, **2017**, 241, 28-35	2.8	9
87	Declines in marathon performance: Sex differences in elite and recreational athletes. *PLoS ONE*, **2017**, 12, e0172121	3.7	21

86	Last Word on Viewpoint: All is fair in altitude and concussions. *Journal of Applied Physiology*, **2017**, 122, 221	3.7	1
85	Team Logo Predicts Concussion Risk: Lessons in Protecting a Vulnerable Sports Community from Misconceived, but Highly Publicized Epidemiologic Research. *Epidemiology*, **2017**, 28, 753-757	3.1	12
84	ALTITUDE (IF YOU CAN CALL IT THAT) HAS NO BEARING ON THE RATES OF CONCUSSIONS IN ATHLETES. *Journal of Orthopaedic and Sports Physical Therapy*, **2016**, 46, 226-7	4.2	2
83	The Effect of Protandim Supplementation on Athletic Performance and Oxidative Blood Markers in Runners. *PLoS ONE*, **2016**, 11, e0160559	3.7	7
82	Hydration assessment among marathoners using urine specific gravity and bioelectrical impedance analysis. *Research in Sports Medicine*, **2016**, 24, 234-42	3.8	7
81	Exercise physiology and sports science must be considered in evolutionary theories regarding human performance: a reply to Postma (2016). *Biology Letters*, **2016**, 12,	3.6	3
80	Division I College Football Concussion Rates Are Higher at Higher Altitudes. *Journal of Orthopaedic and Sports Physical Therapy*, **2016**, 46, 96-103	4.2	9
79	Risk of Concussion for Athletes in Contact Sports at Higher Altitude vs at Sea Level: A Meta-analysis. *JAMA Neurology*, **2016**, 73, 1369-1370	17.2	8
78	The Effects of Pre-Exercise Ginger Supplementation on Muscle Damage and Delayed Onset Muscle Soreness. *Phytotherapy Research*, **2015**, 29, 887-93	6.7	22
77	Confusion in reporting pulmonary diffusing capacity for nitric oxide and the alveolar-capillary membrane conductance for nitric oxide. *European Journal of Preventive Cardiology*, **2015**, 22, 312-3	3.9	5
76	Faces and fitness: attractive evolutionary relationship or ugly hypothesis?. *Biology Letters*, **2015**, 11,	3.6	5
75	The effect of l-citrulline and watermelon juice supplementation on anaerobic and aerobic exercise performance. *Journal of Sports Sciences*, **2015**, 33, 1459-66	3.6	52
74	Controlled-frequency breath swimming improves swimming performance and running economy. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25, 16-24	4.6	19
73	Combined effects of mild-to-moderate obesity and asthma on physiological and sensory responses to exercise. *Respiratory Medicine*, **2015**, 109, 1397-403	4.6	10
72	Ramp-incremented and RPE-clamped test protocols elicit similar VO2max values in trained cyclists. *European Journal of Applied Physiology*, **2014**, 114, 1581-90	3.4	24
71	Altitude does not reduce concussion incidence in professional football players: a poor understanding of health statistics and altitude physiology. *Journal of Orthopaedic and Sports Physical Therapy*, **2014**, 44, 458-9	4.2	5
70	Comment on Olivier Galy et al, "aggravation of pulmonary diffusing capacity in highly trained athletes by 6 weeks of low-volume, low-intensity training". *International Journal of Sports Physiology and Performance*, **2014**, 9, 742	3.5	
69	Altitude Does Not Reduce Concussion Incidence: Letter to the Editor. *Orthopaedic Journal of Sports Medicine*, **2014**, 2, 2325967114527234	3.5	2

68	Rates of carbon monoxide elimination in males and females. *Physiological Reports*, **2014**, 2, e12237	2.6	14
67	Small changes in lung function in runners with marathon-induced interstitial lung edema. *Physiological Reports*, **2014**, 2, e12056	2.6	17
66	The effect of passive versus active recovery on power output over six repeated wingate sprints. *Research Quarterly for Exercise and Sport*, **2014**, 85, 519-26	1.9	12
65	The effect of increased physical activity on pulmonary diffusing capacity in unfit women. *Experimental Physiology*, **2014**, 99, 562-70	2.4	7
64	Interstitial lung edema triggered by marathon running. *Respiratory Physiology and Neurobiology*, **2014**, 190, 137-41	2.8	15
63	The association of the distance walked in 6 min with pre-operative peak oxygen consumption and complications 1 month after colorectal resection. *Anaesthesia*, **2013**, 68, 811-6	6.6	62
62	The rise in carboxyhemoglobin from repeated pulmonary diffusing capacity tests. *Respiratory Physiology and Neurobiology*, **2013**, 186, 103-8	2.8	21
61	Lack of effectiveness of sodium bicarbonate in preventing kidney injury in patients undergoing cardiac surgery: a randomized controlled trial. *Pharmacotherapy*, **2013**, 33, 710-7	5.8	21
60	Corrected end-tidal P(CO(2)) accurately estimates Pa(CO(2)) at rest and during exercise in morbidly obese adults. *Chest*, **2013**, 143, 471-477	5.3	9
59	The measurement of carboxyhemoglobin and methemoglobin using a non-invasive pulse CO-oximeter. *Respiratory Physiology and Neurobiology*, **2012**, 182, 88-92	2.8	22
58	Understanding the Determinants of Weight-Related Quality of Life among Bariatric Surgery Candidates. *Journal of Obesity*, **2012**, 2012, 713426	3.7	6
57	Last Word on Viewpoint: Are there valid concerns for completing a marathon at 39 weeks of pregnancy?. *Journal of Applied Physiology*, **2012**, 113, 1167	3.7	
56	Viewpoint: Are there valid concerns for completing a marathon at 39 weeks of pregnancy?. *Journal of Applied Physiology*, **2012**, 113, 1162-5	3.7	3
55	Commentaries on viewpoint: sacrificing economy to improve running performance--a reality in the ultramarathon?. *Journal of Applied Physiology*, **2012**, 113, 510-2	3.7	5
54	Systemic acid load from the diet affects maximal-exercise RER. *Medicine and Science in Sports and Exercise*, **2012**, 44, 709-15	1.2	13
53	Increased carbon monoxide clearance during exercise in humans. *Medicine and Science in Sports and Exercise*, **2012**, 44, 2118-24	1.2	18
52	Alveolar-membrane diffusing capacity limits performance in Boston marathon qualifiers. *PLoS ONE*, **2012**, 7, e44513	3.7	10
51	Arterial PCO2 (PaCO2) can be accurately estimated using end-tidal PCO2 (PETCO2) during rest and exercise in obese subjects. *FASEB Journal*, **2012**, 26, 1146.4	0.9	

50	Exercise guidelines in pregnancy: new perspectives. *Sports Medicine*, **2011**, 41, 345-60	10.6	74
49	Impact of preoperative change in physical function on postoperative recovery: argument supporting prehabilitation for colorectal surgery. *Surgery*, **2011**, 150, 505-14	3.6	293
48	Weight is a questionable predictor of alveolar membrane diffusing capacity and pulmonary capillary blood volume even in moderately obese subjects. *Respiration*, **2011**, 81, 262	3.7	
47	Adding strength training, exercise intensity, and caloric expenditure to exercise guidelines in pregnancy. *Obstetrics and Gynecology*, **2011**, 117, 1399-1402	4.9	27
46	Pulmonary diffusion and aerobic capacity: is there a relation? Does obesity matter?. *Acta Physiologica*, **2010**, 198, 499-507	5.6	15
45	No red cell resistance to NO? I think not!. *Journal of Applied Physiology*, **2010**, 108, 1027-9	3.7	13
44	Mild interstitial pulmonary edema occurs during sea level strenuous exercise. *Journal of Applied Physiology*, **2010**, 109, 1276; discussion 1281-2	3.7	3
43	Comparing Measurement Error Between Two Different Methods of Measurement of Various Magnitudes. *Measurement in Physical Education and Exercise Science*, **2010**, 14, 265-274	1.9	
42	Effects of exercise training intensity on pancreatic {beta}-cell function: response to Slentz et al. *Diabetes Care*, **2010**, 33, e45	14.6	2
41	Sex, girth, waists and hips (what matters for gas exchange in extreme obesity?). *Respiratory Physiology and Neurobiology*, **2010**, 170, 120-2	2.8	8
40	Dynamic vs. fixed bag filling: impact on cardiac output rebreathing protocol. *Respiratory Physiology and Neurobiology*, **2010**, 171, 22-30	2.8	5
39	CO and NO pulmonary diffusing capacity during pregnancy: Safety and diagnostic potential. *Respiratory Physiology and Neurobiology*, **2010**, 170, 215-25	2.8	10
38	Randomized clinical trial of prehabilitation in colorectal surgery. *British Journal of Surgery*, **2010**, 97, 1187-97	5.3	309
37	Prior intense exercise reduces arterial carbon dioxide pressure in extreme obesity. *Clinical and Investigative Medicine*, **2010**, 33, E321-34	0.9	1
36	Exercise Recommendations in Women with Gestational Diabetes Mellitus **2010**, 243-257		
35	Accuracy of venous blood oxygen pressure depends on arterial blood oxygen pressure. *European Respiratory Journal*, **2009**, 34, 1207-8; author reply 1208	13.6	1
34	Cardiopulmonary aspects of obesity in women. *Obstetrics and Gynecology Clinics of North America*, **2009**, 36, 267-84, viii	3.3	11
33	Responsive measures to prehabilitation in patients undergoing bowel resection surgery. *Tohoku Journal of Experimental Medicine*, **2009**, 217, 109-15	2.4	77

32	Exercise capacity of children with pediatric lung disease. *Clinical and Investigative Medicine*, **2009**, 32, E302	0.9	3
31	Pulmonary gas exchange in the morbidly obese. *Obesity Reviews*, **2008**, 9, 326-39	10.6	80
30	Reference values of pulmonary diffusing capacity for nitric oxide in an adult population. *Nitric Oxide - Biology and Chemistry*, **2008**, 18, 70-9	5	50
29	Pulmonary diffusing capacity for nitric oxide during exercise in morbid obesity. *Obesity*, **2008**, 16, 2431-8	8	12
28	Alveolar-membrane diffusing capacity improves in the morbidly obese after bariatric surgery. *Obesity Surgery*, **2008**, 18, 256-63	3.7	30
27	Compensatory exercise hyperventilation is restored in the morbidly obese after bariatric surgery. *Obesity Surgery*, **2008**, 18, 549-59	3.7	15
26	Preoperative gender differences in pulmonary gas exchange in morbidly obese subjects. *Obesity Surgery*, **2008**, 18, 1587-98	3.7	18
25	An open-label dose-response study of lymphocyte glutathione levels in healthy men and women receiving pressurized whey protein isolate supplements. *International Journal of Food Sciences and Nutrition*, **2007**, 58, 429-36	3.7	33
24	Evidence of pulmonary oedema triggered by exercise in healthy humans and detected with various imaging techniques. *Acta Physiologica*, **2007**, 189, 305-17	5.6	26
23	Waist-to-hip ratio is associated with pulmonary gas exchange in the morbidly obese. *Chest*, **2007**, 131, 362-7	5.3	49
22	Laboratory 20-km cycle time trial reproducibility. *International Journal of Sports Medicine*, **2007**, 28, 743-8	3.6	27
21	Plasma volume expansion does not influence oxygen uptake kinetics in trained cyclists. *Journal of Applied Physiology*, **2007**, 102, 828; author reply 829	3.7	1
20	Arterial versus capillary blood gases: a meta-analysis. *Respiratory Physiology and Neurobiology*, **2007**, 155, 268-79	2.8	139
19	Short-term variability of nitric oxide diffusing capacity and its components. *Respiratory Physiology and Neurobiology*, **2007**, 157, 316-25	2.8	19
18	Poor compensatory hyperventilation in morbidly obese women at peak exercise. *Respiratory Physiology and Neurobiology*, **2007**, 159, 187-95	2.8	16
17	The role of the anesthesiologist in fast-track surgery: from multimodal analgesia to perioperative medical care. *Anesthesia and Analgesia*, **2007**, 104, 1380-96, table of contents	3.9	298
16	Potassium kinetics and its relationship with ventilation during repeated bouts of exercise in women. *European Journal of Applied Physiology*, **2007**, 99, 173-81	3.4	4
15	A small amount of inhaled nitric oxide does not increase lung diffusing capacity. *European Respiratory Journal*, **2006**, 27, 1251-7	13.6	33

14	Radiographic evidence of pulmonary edema during high-intensity interval training in women. *Respiratory Physiology and Neurobiology*, **2006**, 153, 181-90	2.8	23
13	Pulmonary gas exchange does not worsen during repeat exercise in women. *Respiratory Physiology and Neurobiology*, **2006**, 153, 226-36	2.8	12
12	Lung diffusion capacity for nitric oxide and carbon monoxide is impaired similarly following short-term graded exercise. *Nitric Oxide - Biology and Chemistry*, **2005**, 12, 31-8	5	22
11	Comparison of fingertip to arterial blood samples at rest and during exercise. *Clinical Journal of Sport Medicine*, **2005**, 15, 263-70	3.2	23
10	Optimizing functional exercise capacity in the elderly surgical population. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2005**, 8, 23-32	3.8	233
9	The relationship between single-breath diffusion capacity of the lung for nitric oxide and carbon monoxide during various exercise intensities. *Chest*, **2004**, 125, 1019-27	5.3	58
8	Diffusion Capacity for Nitric Oxide and Carbon Monoxide. *Chest*, **2004**, 126, 1709-1710	5.3	1
7	Red cell pulmonary transit times through the healthy human lung. *Experimental Physiology*, **2003**, 88, 191-200	2.4	20
6	Acute hypervolaemia improves arterial oxygen pressure in athletes with exercise-induced hypoxaemia. *Experimental Physiology*, **2003**, 88, 555-64	2.4	6
5	Circulating white blood cells affect red cell pulmonary transit times in endurance athletes during intense exercise. *Medicine and Science in Sports and Exercise*, **2002**, 34, 954-9	1.2	2
4	Acute hypervolemia lengthens red cell pulmonary transit time during exercise in endurance athletes. *Respiratory Physiology and Neurobiology*, **2002**, 131, 255-68	2.8	11
3	Acute effects of intense interval training on running mechanics. *Journal of Sports Sciences*, **2000**, 18, 83-90	3.6	16
2	Evidence and possible mechanisms of altered maximum heart rate with endurance training and tapering. *Sports Medicine*, **2000**, 29, 13-26	10.6	90
1	Effect of intense interval workouts on running economy using three recovery durations. *European Journal of Applied Physiology*, **1998**, 77, 224-30	3.4	14