Juan M Murias

List of Publications by Year
in descending order

155 papers	3,798 citations	117453 34 h-index	174990 52 g-index
155 all docs	155 docs citations	155 times ranked	2491 citing authors

#	Article	IF	Citations
1	Arterial versus capillary blood gases: A meta-analysis. Respiratory Physiology and Neurobiology, 2007, 155, 268-279.	0.7	190
2	Exercise Intensity Thresholds. Medicine and Science in Sports and Exercise, 2015, 47, 1932-1940.	0.2	151
3	Speeding of VÌ‡<scp>o</scp>₂ kinetics with endurance training in old and young men is associated with improved matching of local O₂ delivery to muscle O₂ utilization. Journal of Applied Physiology, 2010, 108, 913-922.	1.2	116
4	A Critical Evaluation of Current Methods for Exercise Prescription in Women and Men. Medicine and Science in Sports and Exercise, 2020, 52, 466-473.	0.2	106
5	Time course and mechanisms of adaptations in cardiorespiratory fitness with endurance training in older and young men. Journal of Applied Physiology, 2010, 108, 621-627.	1.2	101
6	Vascular responsiveness determined by nearâ€infrared spectroscopy measures of oxygen saturation. Experimental Physiology, 2016, 101, 34-40.	0.9	80
7	Influence of phase I duration on phase II VÌ‡<scp>o</scp>₂ kinetics parameter estimates in older and young adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R218-R224.	0.9	78
8	METABOLIC AND FUNCTIONAL RESPONSES PLAYING TENNIS ON DIFFERENT SURFACES. Journal of Strength and Conditioning Research, 2007, 21, 112-117.	1.0	69
9	Characterizing the profile of muscle deoxygenation during ramp incremental exercise in young men. European Journal of Applied Physiology, 2012, 112, 3349-3360.	1.2	69
10	Repeatability of vascular responsiveness measures derived from near-infrared spectroscopy. Physiological Reports, 2016, 4, e12772.	0.7	68
11	Breathâ€byâ€breath pulmonary O₂ uptake kinetics: effect of data processing on confidence in estimating model parameters. Experimental Physiology, 2014, 99, 1511-1522.	0.9	65
12	Using ramp-incremental <i>VÌ‡</i>O₂ responses for constant-intensity exercise selection. Applied Physiology, Nutrition and Metabolism, 2018, 43, 882-892.	0.9	64
13	Reference values of pulmonary diffusing capacity for nitric oxide in an adult population. Nitric Oxide - Biology and Chemistry, 2008, 18, 70-79.	1.2	60
14	Speeding of VO2 kinetics in response to endurance-training in older and young women. European Journal of Applied Physiology, 2011, 111, 235-243.	1.2	60
15	Menstrual and oral contraceptive cycle phases do not affect submaximal and maximal exercise responses. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 472-484.	1.3	60
16	Waist-to-Hip Ratio Is Associated With Pulmonary Gas Exchange in the Morbidly Obese. Chest, 2007, 131, 362-367.	0.4	58
17	Critical power: How different protocols and models affect its determination. Journal of Science and Medicine in Sport, 2018, 21, 742-747.	0.6	58
18	Are the parameters of VO2, heart rate and muscle deoxygenation kinetics affected by serial moderate-intensity exercise transitions in a single day?. European Journal of Applied Physiology, 2011, 111, 591-600.	1.2	56

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19	Determination of respiratory point compensation in healthy adults: Can non-invasive near-infrared spectroscopy help?. Journal of Science and Medicine in Sport, 2015, 18, 590-595.	0.6	56
20	Muscle deoxygenation to VO2 relationship differs in young subjects with varying Ï„VO2. European Journal of Applied Physiology, 2011, 111, 3107-3118.	1.2	55
21	Establishing the VÌ‡<scp>o</scp>₂ versus constant-work-rate relationship from ramp-incremental exercise: simple strategies for an unsolved problem. Journal of Applied Physiology, 2019, 127, 1519-1527.	1.2	55
22	Systemic and vastus lateralis muscle blood flow and O₂ extraction during ramp incremental cycle exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R720-R725.	0.9	52
23	Can measures of critical power precisely estimate the maximal metabolic steady-state?. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1197-1203.	0.9	51
24	The Critical Role of O2 Provision in the Dynamic Adjustment of Oxidative Phosphorylation. Exercise and Sport Sciences Reviews, 2014, 42, 4-11.	1.6	49
25	Metabolic and performanceâ€related consequences of exercising at and slightly above <scp>MLSS</scp>. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2481-2493.	1.3	49
26	Speeding of VÌ‡<scp>o</scp>₂ kinetics during moderate-intensity exercise subsequent to heavy-intensity exercise is associated with improved local O₂ distribution. Journal of Applied Physiology, 2011, 111, 1410-1415.	1.2	46
27	Vascular responsiveness measured by tissue oxygen saturation reperfusion slope is sensitive to different occlusion durations and training status. Experimental Physiology, 2016, 101, 1309-1318.	0.9	45
28	Sex-related differences in muscle deoxygenation during ramp incremental exercise. Respiratory Physiology and Neurobiology, 2013, 189, 530-536.	0.7	44
29	Measurement of a True VË™O2max during a Ramp Incremental Test Is Not Confirmed by a Verification Phase. Frontiers in Physiology, 2018, 9, 143.	1.3	44
30	The Respiratory Compensation Point and the Deoxygenation Break Point Are Valid Surrogates for Critical Power and Maximum Lactate Steady State. Medicine and Science in Sports and Exercise, 2018, 50, 2375-2378.	0.2	43
31	Adaptations in Capillarization and Citrate Synthase Activity in Response to Endurance Training in Older and Young Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 957-964.	1.7	41
32	What Is Moderate to Vigorous Exercise Intensity?. Frontiers in Physiology, 2021, 12, 682233.	1.3	41
33	A Simple Method to Quantify the VË™O2 Mean Response Time of Ramp-Incremental Exercise. Medicine and Science in Sports and Exercise, 2019, 51, 1080-1086.	0.2	39
34	Reliability of microvascular responsiveness measures derived from near-infrared spectroscopy across a variety of ischemic periods in young and older individuals. Microvascular Research, 2019, 122, 117-124.	1.1	38
35	Regulation of VÌ‡<scp>o</scp>₂ kinetics by O₂ delivery: insights from acute hypoxia and heavy-intensity priming exercise in young men. Journal of Applied Physiology, 2012, 112, 1023-1032.	1.2	38
36	A â€œStepâ€“Rampâ€“Stepâ€Protocol to Identify the Maximal Metabolic Steady State. Medicine and Science in Sports and Exercise, 2020, 52, 2011-2019.	0.2	37

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37	Mechanisms for Increases in VË™O2max with Endurance Training in Older and Young Women. Medicine and Science in Sports and Exercise, 2010, 42, 1891-1898.	0.2	35
38	Effects of Age and Long-Term Endurance Training on VÂ·O2 Kinetics. Medicine and Science in Sports and Exercise, 2015, 47, 289-298.	0.2	35
39	The relationship between oxygen uptake kinetics and neuromuscular fatigue in high-intensity cycling exercise. European Journal of Applied Physiology, 2017, 117, 969-978.	1.2	35
40	Laboratory 20-km Cycle Time Trial Reproducibility. International Journal of Sports Medicine, 2007, 28, 743-748.	0.8	34
41	The near-infrared spectroscopy-derived deoxygenated haemoglobin breaking-point is a repeatable measure that demarcates exercise intensity domains. Journal of Science and Medicine in Sport, 2017, 20, 873-877.	0.6	34
42	Identification of Non-Invasive Exercise Thresholds: Methods, Strategies, and an Online App. Sports Medicine, 2022, 52, 237-255.	3.1	34
43	A small amount of inhaled nitric oxide does not increase lung diffusing capacity. European Respiratory Journal, 2006, 27, 1251-1257.	3.1	33
44	The association between near-infrared spectroscopy-derived and flow-mediated dilation assessment of vascular responsiveness in the arm. Microvascular Research, 2019, 122, 41-44.	1.1	33
45	The plateau in the NIRS-derived [HHb] signal near the end of a ramp incremental test does not indicate the upper limit of O₂ extraction in the vastus lateralis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R723-R729.	0.9	31
46	Evaluating the suitability of supra-PO_{peak} verification trials after ramp-incremental exercise to confirm the attainment of maximum O₂ uptake. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R315-R322.	0.9	31
47	Quadriceps Muscles O2 Extraction and EMG Breakpoints during a Ramp Incremental Test. Frontiers in Physiology, 2017, 8, 686.	1.3	29
48	An equation to predict the maximal lactate steady state from ramp-incremental exercise test data in cycling. Journal of Science and Medicine in Sport, 2018, 21, 1274-1280.	0.6	29
49	Effects of preâ€‘induced fatigue <i>vs</i>. concurrent pain on exercise tolerance, neuromuscular performance and corticospinal responses of locomotor muscles. Journal of Physiology, 2020, 598, 285-302.	1.3	29
50	Effects of prior heavy-intensity exercise on oxygen uptake and muscle deoxygenation kinetics of a subsequent heavy-intensity cycling and knee-extension exercise. Applied Physiology, Nutrition and Metabolism, 2012, 37, 138-148.	0.9	28
51	Changes in vascular responsiveness during a hyperglycemia challenge measured by near-infrared spectroscopy vascular occlusion test. Microvascular Research, 2017, 111, 67-71.	1.1	28
52	Noninvasive estimation of microvascular O₂ provision during exercise on-transients in healthy young males. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R815-R823.	0.9	27
53	Pulmonary O2 uptake and muscle deoxygenation kinetics are slowed in the upper compared with lower region of the moderate-intensity exercise domain in older men. European Journal of Applied Physiology, 2011, 111, 2139-2148.	1.2	26
54	Near-infrared spectroscopy assessment of microvasculature detects difference in lower limb vascular responsiveness in obese compared to lean individuals. Microvascular Research, 2018, 118, 31-35.	1.1	26

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55	Effects of the menstrual and oral contraceptive cycle phases on microvascular reperfusion. Experimental Physiology, 2020, 105, 184-191.	0.9	26
56	Differences in vascular function between trained and untrained limbs assessed by near-infrared spectroscopy. European Journal of Applied Physiology, 2018, 118, 2241-2248.	1.2	25
57	Fitness Level and Not Aging per se, Determines the Oxygen Uptake Kinetics Response. Frontiers in Physiology, 2018, 9, 277.	1.3	24
58	Short-term variability of nitric oxide diffusing capacity and its components. Respiratory Physiology and Neurobiology, 2007, 157, 316-325.	0.7	23
59	High-Intensity Endurance Training Results in Faster Vessel-Specific Rate of Vasorelaxation in Type 1 Diabetic Rats. PLoS ONE, 2013, 8, e59678.	1.1	23
60	Validity of a Taekwondo-Specific Test to Measure Vo 2peak and the Heart Rate Deflection Point. Journal of Strength and Conditioning Research, 2019, 33, 2523-2529.	1.0	23
61	Evaluating the Accuracy of Using Fixed Ranges of METs to Categorize Exertional Intensity in a Heterogeneous Group of Healthy Individuals: Implications for Cardiorespiratory Fitness and Health Outcomes. Sports Medicine, 2021, 51, 2411-2421.	3.1	23
62	Near-infrared spectroscopy-derived total haemoglobin as an indicator of changes in muscle blood flow during exercise-induced hyperaemia. Journal of Sports Sciences, 2020, 38, 751-758.	1.0	22
63	Fitness Levelâ€•and Sex-Related Differences in Macrovascular and Microvascular Responses during Reactive Hyperemia. Medicine and Science in Sports and Exercise, 2022, 54, 497-506.	0.2	22
64	Poor compensatory hyperventilation in morbidly obese women at peak exercise. Respiratory Physiology and Neurobiology, 2007, 159, 187-195.	0.7	21
65	Effect of moderate-intensity work rate increment on phase II Ï„VO2, functional gain and Î”[HHb]. European Journal of Applied Physiology, 2013, 113, 545-557.	1.2	21
66	Adjustments of pulmonary O₂ uptake and muscle deoxygenation during ramp incremental exercise and constant-load moderate-intensity exercise in young and older adults. Journal of Applied Physiology, 2012, 113, 1466-1475.	1.2	20
67	Methodological Reconciliation of CP and MLSS and Their Agreement with the Maximal Metabolic Steady State. Medicine and Science in Sports and Exercise, 2022, 54, 622-632.	0.2	20
68	Slower VË™O2 Kinetics in Older Individuals. Medicine and Science in Sports and Exercise, 2015, 47, 2308-2318.	0.2	19
69	Effects of shortâ€term training and detraining on <scp><scp>VO</scp></scp>₂ kinetics: Faster <scp><scp>VO</scp></scp>₂ kinetics response after one training session. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 620-629.	1.3	19
70	The association between nearâ€infrared spectroscopy assessment of microvascular reactivity and flowâ€mediated dilation is disrupted in individuals at high risk for cardiovascular disease. Microcirculation, 2019, 26, e12556.	1.0	18
71	Individual cardiovascular responsiveness to work-matched exercise within the moderate- and severe-intensity domains. European Journal of Applied Physiology, 2021, 121, 2039-2059.	1.2	18
72	Slight power output manipulations around the maximal lactate steady state have a similar impact on fatigue in females and males. Journal of Applied Physiology, 2021, 130, 1879-1892.	1.2	18

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73	Neuromuscular and perceptual mechanisms of fatigue accompanying task failure in response to moderate-, heavy-, severe-, and extreme-intensity cycling. Journal of Applied Physiology, 2022, 133, 323-334.	1.2	18
74	The effects of short recovery duration on VO2 and muscle deoxygenation during intermittent exercise. European Journal of Applied Physiology, 2012, 112, 1907-1915.	1.2	17
75	The effects of aging and cardiovascular risk factors on microvascular function assessed by near-infrared spectroscopy. Microvascular Research, 2019, 126, 103911.	1.1	16
76	Validity of the Training-Load Concept. International Journal of Sports Physiology and Performance, 2022, 17, 507-514.	1.1	16
77	Near-infrared spectroscopy can detect differences in vascular responsiveness to a hyperglycaemic challenge in individuals with obesity compared to normal-weight individuals. Diabetes and Vascular Disease Research, 2018, 15, 55-63.	0.9	15
78	Blood flow occlusion-related O₂ extraction â€œreserveâ€•is present in different muscles of the quadriceps but greater in deeper regions after ramp-incremental test. Journal of Applied Physiology, 2018, 125, 313-319.	1.2	15
79	Training-Induced Changes in the Respiratory Compensation Point, Deoxyhemoglobin Break Point, and Maximal Lactate Steady State: Evidence of Equivalence. International Journal of Sports Physiology and Performance, 2020, 15, 119-125.	1.1	15
80	The effects of the analysis strategy on the correlation between the NIRS reperfusion measures and the FMD response. Microvascular Research, 2020, 127, 103922.	1.1	15
81	Pulmonary gas exchange does not worsen during repeat exercise in women. Respiratory Physiology and Neurobiology, 2006, 153, 226-236.	0.7	14
82	Faster VÌ‡O₂ kinetics after priming exercises of different duration but same fatigue. Journal of Sports Sciences, 2018, 36, 1095-1102.	1.0	14
83	Oxygen uptake kinetics in endurance-trained and untrained postmenopausal women. Applied Physiology, Nutrition and Metabolism, 2013, 38, 154-160.	0.9	13
84	American ginseng acutely regulates contractile function of rat heart. Frontiers in Pharmacology, 2014, 5, 43.	1.6	13
85	Critical power testing or self-selected cycling: Which one is the best predictor of maximal metabolic steady-state?. Journal of Science and Medicine in Sport, 2017, 20, 795-799.	0.6	13
86	Differences in oxidative metabolism modulation induced by ischemia/reperfusion between trained and untrained individuals assessed by NIRS. Physiological Reports, 2017, 5, e13384.	0.7	13
87	Interlimb differences in parameters of aerobic function and local profiles of deoxygenation during double-leg and counterweighted single-leg cycling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R840-R851.	0.9	13
88	Effect of dietary nitrate ingestion on muscular performance: a systematic review and meta-analysis of randomized controlled trials. Critical Reviews in Food Science and Nutrition, 2022, 62, 5284-5306.	5.4	12
89	Association between $$dot{ext{V}}$$O2 kinetics and $$dot{ext{V}}$$O2max in groups differing in fitness status. European Journal of Applied Physiology, 2021, 121, 1921-1931.	1.2	12
90	Vessel-specific rate of vasorelaxation is slower in diabetic rats. Diabetes and Vascular Disease Research, 2013, 10, 179-186.	0.9	11

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91	Noninvasive and in vivo assessment of upper and lower limb skeletal muscle oxidative metabolism activity and microvascular responses to glucose ingestion in humans. Applied Physiology, Nutrition and Metabolism, 2019, 44, 1105-1111.	0.9	11
92	Maximal Lactate Steady State Versus the 20-Minute Functional Threshold Power Test in Well-Trained Individuals: â€œWattsâ€•the Big Deal?. International Journal of Sports Physiology and Performance, 2020, 15, 541-547.	1.1	11
93	Acute endurance exercise induces changes in vasorelaxation responses that are vessel-specific. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R574-R580.	0.9	10
94	Similar pattern of change in VÌ‡<scp>o</scp>₂kinetics, vascular function, and tissue oxygen provision following an endurance training stimulus in older and young adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R467-R476.	0.9	10
95	Rolling massage acutely improves skeletal muscle oxygenation and parameters associated with microvascular reactivity: The first evidence-based study. Microvascular Research, 2020, 132, 104063.	1.1	10
96	Prior exercise impairs subsequent performance in an intensity- and duration-dependent manner. Applied Physiology, Nutrition and Metabolism, 2021, 46, 976-985.	0.9	10
97	Evaluating the NIRS-derived microvascular O2 extraction â€œreserveâ€•in groups varying in sex and training status using leg blood flow occlusions. PLoS ONE, 2019, 14, e0220192.	1.1	9
98	Effects of a rehabilitation program on microvascular function of <scp>CHD</scp> patients assessed by nearâ€infrared spectroscopy. Physiological Reports, 2019, 7, e14145.	0.7	9
99	A single dose of dietary nitrate supplementation protects against endothelial ischemiaâ€“reperfusion injury in early postmenopausal women. Applied Physiology, Nutrition and Metabolism, 2022, 47, 749-761.	0.9	9
100	Metabolic inflexibility in individuals with obesity assessed by near-infrared spectroscopy. Diabetes and Vascular Disease Research, 2017, 14, 502-509.	0.9	8
101	Reply to â€œDiscussion of â€˜Can measures of critical power precisely estimate the maximal metabolic steady-state?â€™ â€“ Is it still necessary to compare critical power to maximal lactate steady state?â€•â€“ When is it appropriate to compare critical power to maximal lactate steady-state?. Applied Physiology, Nutrition and Metabolism, 2018, 43, 96-97.	0.9	8
102	Oxygen Uptake and Muscle Deoxygenation Kinetics During Skating: Comparison Between Slide-Board and Treadmill Skating. International Journal of Sports Physiology and Performance, 2018, 13, 783-788.	1.1	8
103	The effect of the fraction of inspired oxygen on the NIRS-derived deoxygenated hemoglobin â€œbreakpointâ€•during ramp-incremental test. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R399-R409.	0.9	8
104	Hypoxia equally reduces the respiratory compensation point and the NIRSâ€derived [HHb] breakpoint during a rampâ€incremental test in young active males. Physiological Reports, 2020, 8, e14478.	0.7	8
105	Responders and nonâ€responders to aerobic exercise training: beyond the evaluation of. Physiological Reports, 2021, 9, e14951.	0.7	8
106	The effects of pain induced by blood flow occlusion in one leg on exercise tolerance and corticospinal excitability and inhibition of the contralateral leg in males. Applied Physiology, Nutrition and Metabolism, 2022, 47, 632-648.	0.9	8
107	Allometric scaling of flowâ€mediated dilation: is it always helpful?. Clinical Physiology and Functional Imaging, 2018, 38, 663-669.	0.5	7
108	Near-infrared spectroscopy detects transient decrements and recovery of microvascular responsiveness following prolonged forearm ischemia. Microvascular Research, 2019, 125, 103879.	1.1	7

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109	Comment on: â€œRelative Proximity of Critical Power and Metabolic/Ventilatory Thresholds: Systematic Review and Meta-Analysisâ€• Sports Medicine, 2021, 51, 367-368.	3.1	7
110	Duration of â€œPhase Iâ€•VÌ‡o2p: a comparison of methods used in its estimation and the effects of varying moderate-intensity work rate. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R238-R247.	0.9	6
111	Acute supplementation with beetroot juice improves endothelial function in HIV-infected individuals. Applied Physiology, Nutrition and Metabolism, 2021, 46, 213-220.	0.9	6
112	Potassium kinetics and its relationship with ventilation during repeated bouts of exercise in women. European Journal of Applied Physiology, 2006, 99, 173-181.	1.2	5
113	Prolonged moderate-intensity exercise oxygen uptake response following heavy-intensity priming exercise with short- and longer-term recovery. Applied Physiology, Nutrition and Metabolism, 2013, 38, 566-573.	0.9	5
114	Validation of a Maximal Incremental Skating Test Performed on a Slide Board: Comparison With Treadmill Skating. International Journal of Sports Physiology and Performance, 2017, 12, 1363-1369.	1.1	5
115	Identification of critical intensity from a single lactate measure during a 3-min, submaximal cycle-ergometer test. Journal of Sports Sciences, 2017, 35, 2191-2197.	1.0	5
116	Acute application of a transdermal nitroglycerin patch protects against prolonged forearm ischemiaâ€induced microvascular dysfunction. Microcirculation, 2020, 27, e12599.	1.0	5
117	Turmeric root extract supplementation improves pre-frontal cortex oxygenation and blood volume in older males and females: a randomised cross-over, placebo-controlled study. International Journal of Food Sciences and Nutrition, 2021, , 1-10.	1.3	5
118	The effects of exercise intensity and duration on the relationship between the slow component of VÌ‡O₂ and peripheral fatigue. Acta Physiologica, 2022, 234, e13776.	1.8	5
119	Effect of acute hypoxia on muscle blood flow, VO2p, and [HHb] kinetics during leg extension exercise in older men. European Journal of Applied Physiology, 2013, 113, 1685-1694.	1.2	4
120	Faster $$dot{V}{ext{O}}_{ 2}$$ V Ë™ O 2 kinetics after eccentric contractions is explained by better matching of O2 delivery to O2 utilization. European Journal of Applied Physiology, 2014, 114, 2169-2181.	1.2	4
121	Response. Medicine and Science in Sports and Exercise, 2015, 47, 1998-1999.	0.2	4
122	Control of VË™O2 Kinetics. Medicine and Science in Sports and Exercise, 2015, 47, 2480.	0.2	4
123	The relationship between the time constant of $${dot{{m V}}}$$O2 kinetics and $${dot{{m V}}}$$O2max in humans. European Journal of Applied Physiology, 2021, 121, 2655-2656.	1.2	4
124	Dynamic Changes of Performance Fatigability and Muscular O2 Saturation in a 4-km Cycling Time Trial. Medicine and Science in Sports and Exercise, 2021, 53, 613-623.	0.2	4
125	Comparing muscle VÌ‡<scp>o</scp>₂ from near-infrared spectroscopy desaturation rate to pulmonary VÌ‡<scp>o</scp>₂ during cycling below, at, and above the maximal lactate steady state. Journal of Applied Physiology, 2022, 132, 641-652.	1.2	4
126	Time Course of Performance Fatigability during Exercise below, at, and above the Critical Intensity in Females and Males. Medicine and Science in Sports and Exercise, 2022, 54, 1665-1677.	0.2	4

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127	Response to Letter from Tremblay & King: Nearâ€infrared spectroscopy: can it measure conduit artery endothelial function?. Experimental Physiology, 2017, 102, 128-129.	0.9	3
128	Differing six minute pacing strategies affect anaerobic contribution, oxygen uptake, muscle deoxygenation and cycle performance. Journal of Sports Medicine and Physical Fitness, 2017, 58, 17-26.	0.4	3
129	Commentaries on Viewpoint: VÌ‡<scp>o</scp>_{2peak} is an acceptable estimate of cardiorespiratory fitness but not VÌ‡<scp>o</scp>_{2max}. Journal of Applied Physiology, 2018, 125, 966-967.	1.2	3
130	Response. Medicine and Science in Sports and Exercise, 2019, 51, 830-830.	0.2	3
131	Sex-related differences in muscle deoxygenation during ramp incremental exercise: Response to Peltonen et al.. Respiratory Physiology and Neurobiology, 2014, 195, 61-62.	0.7	2
132	Response. Medicine and Science in Sports and Exercise, 2019, 51, 603-603.	0.2	2
133	The Effect of Breathing Patterns Common to Competitive Swimming on Gas Exchange and Muscle Deoxygenation During Heavy-Intensity Fartlek Exercise. Frontiers in Physiology, 2021, 12, 723951.	1.3	2
134	Transient speeding of VÌ‡O2 kinetics following acute sessions of sprint interval training: Similar exercise dose but different outcomes in older and young adults. Experimental Gerontology, 2022, 164, 111826.	1.2	2
135	Effects of Ginseng Supplementation and Endurance-Exercise in the Artery-Specific Vascular Responsiveness of Diabetic and Sedentary Rats. Frontiers in Physiology, 2018, 9, 460.	1.3	1
136	Commentaries on Viewpoint: Time to reconsider how ventilation is regulated above the respiratory compensation point during incremental exercise. Journal of Applied Physiology, 2020, 128, 1450-1455.	1.2	1
137	Mild obesity does not affect the forearm muscle microvascular responses to hyperglycemia. Microcirculation, 2021, 28, e12669.	1.0	1
138	The Oxygen Mean Response Time At Different Ramp-incremental Cycling Slopes.. Medicine and Science in Sports and Exercise, 2019, 51, 301-301.	0.2	1
139	The Adjustments of Î”[HHb] and VO2p During Ramp Incremental Exercise in Young and Older Adults. Medicine and Science in Sports and Exercise, 2011, 43, 648.	0.2	0
140	Reply. Experimental Physiology, 2015, 100, 476-476.	0.9	0
141	Critical Power Measurement. Medicine and Science in Sports and Exercise, 2016, 48, 956-957.	0.2	0
142	Improved Isovolumetric Relaxation Time with a 12-Week Aerobic Training Program in Older and Young Individuals. Medicine and Science in Sports and Exercise, 2016, 48, 49.	0.2	0
143	Oxygen Extraction Reserve Immediately After Ramp Incremental Maximal Exercise. Medicine and Science in Sports and Exercise, 2017, 49, 828.	0.2	0
144	Single Sprint Interval Training Session Induces Faster VO2 Kinetics that is Sustained for 72 Hours. Medicine and Science in Sports and Exercise, 2017, 49, 638-639.	0.2	0

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145	Reply to Dr. Grassi. Journal of Applied Physiology, 2018, 125, 1356-1356.	1.2	0
146	Exercise Tolerance: New Insights From Single-leg Cycling Exercise. Medicine and Science in Sports and Exercise, 2019, 51, 4-4.	0.2	0
147	Dynamic Adjustment Of Beat-by-beat Cardiac Output And Vo2 Kinetics During Moderate Intensity Exercise Transitions. Medicine and Science in Sports and Exercise, 2019, 51, 257-258.	0.2	0
148	Oxygen Uptake Kinetics During the Different Phases of the Menstrual and Oral Contraceptive Cycles. Medicine and Science in Sports and Exercise, 2019, 51, 763-764.	0.2	0
149	Neuromuscular Fatigue Following Cycling To Task Failure In Different Exercise Intensity Domains. Medicine and Science in Sports and Exercise, 2021, 53, 335-335.	0.2	0
150	Do Oral Mouthguards Affect Ventilation?. Medicine and Science in Sports and Exercise, 2005, 37, S229.	0.2	0
151	A Single Sub-maximal 3-min Test For Critical Power Estimation. Medicine and Science in Sports and Exercise, 2015, 47, 207.	0.2	0
152	Experienced Cyclists Predict The Highest Sustainable Intensity Of Exercise More Effectively Than Critical Power Testing.. Medicine and Science in Sports and Exercise, 2016, 48, 707.	0.2	0
153	Impairments In Lower Limb Microvascular Function Associated With Cycle Phases In Young Healthy Women.. Medicine and Science in Sports and Exercise, 2019, 51, 808-808.	0.2	0
154	Reductions in Microvascular Function can be Detected by Nearâ€infrared Spectroscopy (NIRS) following Ischemiaâ€Reperfusion in Early Postmenopausal Women. FASEB Journal, 2020, 34, 1-1.	0.2	0
155	Fatigue Etiology At Exhaustion When Cycling Above Vs At Or Below Maximal Lactate Steady-state Threshold.. Medicine and Science in Sports and Exercise, 2020, 52, 934-934.	0.2	0