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- University of Verona from 2008

Publication Metrics

For manuscripts published from date range January 1985 - June 2024

33

H-index

144

Total Publications

6

Sum of Times Cited by Patents

2990

Sum of Times Cited

144

Web of Science Core Collection Publications

For all time

33

H-index

144

Total Publications

6

Sum of Times Cited by Patents

2990

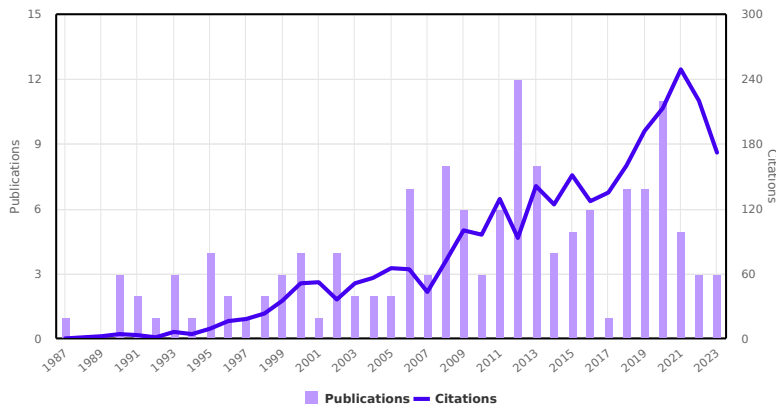
Sum of Times Cited

144

Web of Science Core Collection Publications

Publication Impact Over Time

Times Cited and Publications Over Time



Publishing Summary

For manuscripts published from date range January 1985 - June 2024

(35) European Journal of Applied Ph...	(18) Medicine & Science in Sports & ...
(7) Journal of Applied Physiology	(7) Respiratory Physiology and Neur...
(6) European Journal of Applied Phy...	(5) American Journal of Physiology-R...
(4) Frontiers in Physiology	(3) Scandinavian Journal of Medicin...
(3) International Journal of Sports Ph...	(3) Journal of Sports Sciences
(3) Journal of Sports Medicine and P...	(3) Pflügers Archiv - European Journ...
(3) Applied Physiology, Nutrition, an...	(3) European Heart Journal
(2) Journal of Applied Physiology: Re...	(2) International Journal of Sports M...
(2) European Journal of Physical and...	(2) International Journal of Environm...
(2) Clinical Science	(2) Acta Astronautica
(2) Acta Physiologica	(1) Journal of Nutrition and Metaboli...
(1) Nutrition and Enhanced Sports P...	(1) Nutrition and Enhanced Sports P...
(1) Journal of Cardiovascular Medici...	(1) Critical Care
(1) European Journal of Preventive C...	(1) Ergonomics
(1) The Journal of Physiology	(1) Frontiers in Neuroscience
(1) International Journal of Food Sci...	(1) Journal of Environmental Scienc...
(1) Child Development	(1) Journal of Sport and Health Scie...
(1) European Journal of Neurology	(1) European Journal of Sport Science
(1) International Journal of Surgery ...	(1) Oncotarget
(1) Aging	(1) European Space Agency, (Specia...

(1) Clinical Nutrition	(1) Annual International Conference...
(1) Vascular Medicine	(1) International Journal of Obesity
(1) Computers in Cardiology Confer...	(1) Proceedings of the Fourth Europ...
(1) BMJ Paediatrics Open	(1) Physiological Reports

Publications

For manuscripts published from date range January 1985 - June 2024 (144)

Times Cited
(All time)

<p>Reply to Francescato and Cettolo Published: Apr 2024 in American Journal of Physiology-Regulatory, Integrative and Comparative Physiology DOI: 10.1152/AJPREGU.00028.2024</p>	0
<p>Current definitions of the breathing cycle in alveolar breath-by-breath gas exchange analysis Published: Nov 2023 in American Journal of Physiology-Regulatory, Integrative and Comparative Physiology DOI: 10.1152/AJPREGU.00065.2023</p>	3
<p>The mechanisms underpinning the slow component of VO₂ in humans Published: Sep 2023 in European Journal of Applied Physiology DOI: 10.1007/S00421-023-05315-Z</p>	1
<p>Effect of recovery time on (V)over dotO₂-ON kinetics in humans at the onset of moderate-intensity cycling exercise Published: Feb 2023 in European Journal of Applied Physiology DOI: 10.1007/S00421-022-05057-4</p>	0
<p>The Effect of Endurance Training on Pulmonary (V)over dotO₂ Kinetics in Solid Organs Transplanted Recipients Published: Aug 2022 in International Journal of Environmental Research and Public Health DOI: 10.3390/IJERPH19159097</p>	1
<p>COVID-19 disease in professional football players: symptoms and impact on pulmonary function and metabolic power during matches Published: Jun 2022 in Physiological Reports DOI: 10.14814/PHY2.15337</p>	5
<p>Modeling (V)over dotO₂ on-kinetics based on intensity-dependent delayed adjustment and loss of efficiency (DALE) Published: Jun 2022 in Journal of Applied Physiology: Respiratory, Environmental and Exercise Physiology DOI: 10.1152/JAPPLPHYSIOL.00570.2021</p>	3

<p>Effect of small vs large muscle mass endurance training on maximal oxygen uptake in organ transplanted recipients Published: Aug 2021 in Applied Physiology, Nutrition, and Metabolism DOI: 10.1139/APNM-2020-0987</p>	1
<p>Effects of 150-and 450-mL Acute Blood Losses on Maximal Oxygen Uptake and Exercise Capacity Published: Aug 2021 in Medicine & Science in Sports & Exercise DOI: 10.1249/MSS.0000000000002618</p>	8
<p>The effects of sinusoidal linear drifts on the estimation of cardiorespiratory dynamic parameters during sinusoidal workload forcing: a simulation study Published: Jul 2021 in Respiratory Physiology and Neurobiology DOI: 10.1016/J.RESP.2021.103652</p>	3
<p>Full characterisation of knee extensors' function in ageing: effect of sex and obesity Published: Apr 2021 in International Journal of Obesity DOI: 10.1038/S41366-021-00755-Z</p>	5
<p>The dysregulation of ventilatory control induced by SARS-CoV-2 may affect respiratory frequency and tidal volume differently Published: Mar 2021 in Journal of Applied Physiology: Respiratory, Environmental and Exercise Physiology DOI: 10.1152/JAPPLPHYSIOL.01036.2020</p>	1
<p>Response to the commentary on our paper "bioenergetics of the VO₂ slow component between exercise intensity domains" Published: Dec 2020 in Pflügers Archiv - European Journal of Physiology DOI: 10.1007/S00424-020-02489-9</p>	1
<p>Effects of diet combined with Nordic walking or walking programme on weight loss and arterial stiffness in postmenopausal overweight and obese women: The Walking and Aging Verona pilot study Published: Dec 2020 in European Journal of Preventive Cardiology DOI: 10.1177/2047487319877712</p>	7
<p>Detraining Effects Prevention: A New Rising Challenge for Athletes Published: Oct 2020 in Frontiers in Physiology DOI: 10.3389/FPHYS.2020.588784</p>	35
<p>Contribution of oxygen extraction fraction to maximal oxygen uptake in healthy young men Published: Oct 2020 in Acta Physiologica DOI: 10.1111/APHA.13486</p>	40
<p>Increased oxygen extraction and mitochondrial protein expression after small muscle mass endurance training Published: Sep 2020 in Scandinavian Journal of Medicine & Science in Sports DOI: 10.1111/SMS.13707</p>	18

<p>Editorial: Human Ultra-Endurance Exercise Published: Jun 2020 in <i>Frontiers in Physiology</i> DOI: 10.3389/FPHYS.2020.00664</p>	0
<p>Effects of nicotine on microvascular responsiveness after nicotine satiety versus overnight nicotine abstinence Published: Jun 2020 in <i>Vascular Medicine</i> DOI: 10.1177/1358863X20906029</p>	0
<p>Successful management plan of COVID-19 in a pediatric hemato-oncology department: a single-centre experience Published: Jun 2020 in <i>BMJ Paediatrics Open</i> DOI: 10.1136/BMJPO-2020-000818</p>	0
<p>Blood volume expansion does not explain the increase in peak oxygen uptake induced by 10 weeks of endurance training Published: May 2020 in <i>European Journal of Applied Physiology</i> DOI: 10.1007/S00421-020-04336-2</p>	19
<p>Effect of Lower Body Negative Pressure on Phase I Cardiovascular Responses at Exercise Onset Published: Apr 2020 in <i>International Journal of Sports Medicine</i> DOI: 10.1055/A-1028-7496</p>	13
<p>High Intensity Interval Training Does Not Have Compensatory Effects on Physical Activity Levels in Older Adults Published: Feb 2020 in <i>International Journal of Environmental Research and Public Health</i> DOI: 10.3390/IJERPH17031083</p>	12
<p>Effects of High-Intensity Interval Training and Isoinertial Training on Leg Extensors Muscle Function, Structure, and Intermuscular Adipose Tissue in Older Adults Published: Oct 2019 in <i>Frontiers in Physiology</i> DOI: 10.3389/FPHYS.2019.01260</p>	14
<p>The effect of lower body negative pressure on phase 1 cardiovascular responses at exercise onset in healthy humans Published: Sep 2019 in <i>Acta Physiologica</i></p>	0
<p>Exercise performance increase in smokeless tobacco-user athletes after overnight nicotine abstinence Published: Mar 2019 in <i>Scandinavian Journal of Medicine & Science in Sports</i> DOI: 10.1111/SMS.13333</p>	12
<p>Metabolic and kinematic responses while walking and running on a motorised and a curved non-motorised treadmill Published: Feb 2019 in <i>Journal of Sports Sciences</i> DOI: 10.1080/02640414.2018.1504605</p>	8

<p>Cardiac output with modified cardio-impedance against inert gas rebreathing during sub-maximal and maximal cycling exercise in healthy and fit subjects Published: Jan 2019 in European Journal of Applied Physiology DOI: 10.1007/S00421-018-4011-Z</p>	5
<p>Bioenergetics of Cyclic Sport Activities on Land: Walking, Running, and Cycling Published: 2019 in Nutrition and Enhanced Sports Performance: Muscle Building, Endurance, and Strength, Edition DOI: 10.1016/B978-0-12-813922-6.00011-4</p>	0
<p>ASCs-Exosomes Recover Coupling Efficiency and Mitochondrial Membrane Potential in an in vitro Model of ALS Published: 2019 in Frontiers in Neuroscience DOI: 10.3389/FNINS.2019.01070</p>	49
<p>Effect of Endurance and Strength Training on the Slow Component of (V) over dotO(2) Kinetics in Elderly Humans Published: Oct 2018 in Frontiers in Physiology DOI: 10.3389/FPHYS.2018.01353</p>	5
<p>The effects of oral smokeless tobacco administration on endurance performance Published: Oct 2018 in Journal of Sport and Health Science DOI: 10.1016/J.JSHS.2016.12.006</p>	12
<p>Evaluation of the impact of anthropogenic activities on arsenic, cadmium, chromium, mercury, lead, and polycyclic aromatic hydrocarbon levels in seafood from the Gulf of Naples, Italy Published: Mar 2018 in Journal of Environmental Science and Health, Part A DOI: 10.1080/10934529.2018.1445075</p>	15
<p>Bowel obstruction in obturator hernia: A challenging diagnosis Published: Jan 2018 in International Journal of Surgery Case Reports DOI: 10.1016/J.IJSCR.2017.12.003</p>	7
<p>Maximal Aerobic Power in Aging Men: Insights From a Record of 1-Hour Unaccompanied Cycling Published: 2018 in International Journal of Sports Physiology and Performance DOI: 10.1123/IJSP.2017-0019</p>	1
<p>Yerba Mate and Exercise Performance Response Published: 2018 in Medicine & Science in Sports & Exercise DOI: 10.1249/MSS.0000000000001584</p>	0
<p>Metabolic and Performance Effects of Yerba Mate on Well-trained Cyclists Published: 2018 in Medicine & Science in Sports & Exercise DOI: 10.1249/MSS.0000000000001482</p>	8
<p>Tribute to Dr Jacques Rogge: muscle activity and fatigue during hiking in Olympic dinghy sailing Published: 2017 in European Journal of Sport Science DOI: 10.1080/17461391.2017.1300328</p>	8

<p>Maximal aerobic power and anaerobic capacity in cycling across the age spectrum in male master athletes (vol 116, pg 1395, 2016) Published: Sep 2016 in European Journal of Applied Physiology DOI: 10.1007/S00421-016-3432-9</p>	2
<p>Aging: a portrait from gene expression profile in blood cells Published: Aug 2016 in Aging DOI: 10.18632/AGING.101016</p>	12
<p>Maximal aerobic power and anaerobic capacity in cycling across the age spectrum in male master athletes Published: Jul 2016 in European Journal of Applied Physiology DOI: 10.1007/S00421-016-3396-9</p>	15
<p>Cardiovascular and Metabolic Responses to On-Water Upwind Sailing in Optimist Sailors Published: Jul 2016 in International Journal of Sports Physiology and Performance DOI: 10.1123/IJSPP.2015-0380</p>	1
<p>Gokyo Khumbu/Ama Dablam Trek 2012: effects of physical training and high-altitude exposure on oxidative metabolism, muscle composition, and metabolic cost of walking in women Published: Jan 2016 in European Journal of Applied Physiology DOI: 10.1007/S00421-015-3256-Z</p>	16
<p>Response to the comments "Do Maximal aerobic and anaerobic capacity start really to decrease after the fourth decade of life?" written by F Borrani, G Millet to the paper "Maximal aerobic power and anaerobic capacity in cycling across the age spectrum in male master athletes" Published: 2016 in European Journal of Applied Physiology DOI: 10.1007/S00421-016-3461-4</p>	0
<p>Effects of eight weeks of aerobic interval training and of isoinertial resistance training on risk factors of cardiometabolic diseases and exercise capacity in healthy elderly subjects Published: Jul 2015 in Oncotarget DOI: 10.18632/ONCOTARGET.4031</p>	51
<p>Effects of gravitational acceleration on cardiovascular autonomic control in resting humans Published: Jul 2015 in European Journal of Applied Physiology DOI: 10.1007/S00421-015-3117-9</p>	4
<p>A low-cost method for estimating energy expenditure during soccer refereeing Published: Feb 2015 in Journal of Sports Sciences DOI: 10.1080/02640414.2015.1015150</p>	12
<p>Physical activity, sleep pattern and energy expenditure in double-handed offshore sailing Published: 2015 in Journal of Sports Medicine and Physical Fitness</p>	4

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Effect Of Incomplete Recovery On Vo2-on Kinetic During Moderate-intensity Exercise Transitions In Healthy Males Published: May 2014 in Medicine & Science in Sports & Exercise DOI: 10.1249/01.MSS.0000495039.03877.65	0
Physical Activity Accumulation in Bouts and Nonbouts and Relation to Cardiorespiratory Fitness in Older Adults Published: May 2014 in Medicine & Science in Sports & Exercise DOI: 10.1249/01.MSS.0000493896.18613.9D	0
Effects Of High-intensity-interval-training (HIT) on Cardiovascular Fitness And Cardiometabolic Risk In The Elderly Published: May 2014 in Medicine & Science in Sports & Exercise DOI: 10.1249/01.MSS.0000493996.07563.9A	0
Running Economy During a Simulated 60-km Trial Published: 2014 in International Journal of Sports Physiology and Performance DOI: 10.1123/IJSP.2013-0302	19
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Determination of Maximal Lactate Steady State in Healthy Adults: Can NIRS Help? Published: Jun 2013 in Medicine & Science in Sports & Exercise DOI: 10.1249/MSS.0B013E3182828AB2	52
Cardiovascular re-adjustments and baroreflex response during clinical reambulation procedure at the end of 35-day bed rest in humans Published: Jun 2013 in Applied Physiology, Nutrition, and Metabolism DOI: 10.1139/APNM-2012-0396	16
Cardiac output, O ₂ delivery and (V) over dotO ₂ kinetics during step exercise in acute normobaric hypoxia Published: Apr 2013 in Respiratory Physiology and Neurobiology DOI: 10.1016/J.RESP.2013.01.017	13
Oxygen deficit during supramaximal cycling exercise in humans: a new estimation method Published: Feb 2013 in Journal of Sports Medicine and Physical Fitness	3

Physical fitness before and after weight restoration in anorexia nervosa Published: 2013 in Journal of Sports Medicine and Physical Fitness	16
Bioenergetics of Cyclic Sports Activities on Land Walking, Running and Cycling Published: 2013 in Nutrition and Enhanced Sports Performance: Muscle Building, Endurance, and Strength DOI: 10.1016/B978-0-12-396454-0.00013-8	1
Comparison between dual-energy X-ray absorptiometry and skinfolds thickness in assessing body fat in anorexia nervosa before and after weight restoration Published: Dec 2012 in Clinical Nutrition DOI: 10.1016/J.CLNU.2012.03.009	22
Energy expenditure during the LANY Footrace 2011-a case study Published: Dec 2012 in Applied Physiology, Nutrition, and Metabolism DOI: 10.1139/H2012-108	4
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Resting energy expenditure assessment in anorexia nervosa: comparison of indirect calorimetry, a multisensor monitor and the Muller equation Published: Nov 2012 in International Journal of Food Sciences and Nutrition DOI: 10.3109/09637486.2012.658761	8
The Locomotory Index in diplegic and hemiplegic children: the effects of age and speed on the energy cost of walking Published: Sep 2012 in European Journal of Physical and Rehabilitation Medicine	9
The effects of an electromechanical gait trainer on resistance, fatigue and quality of life in patients suffering from multiple sclerosis: a pilot study Published: Sep 2012 in European Journal of Neurology	0
Effects of priming exercise on the speed of adjustment of muscle oxidative metabolism at the onset of moderate-intensity step transitions in older adults Published: May 2012 in American Journal of Physiology-Regulatory, Integrative and Comparative Physiology DOI: 10.1152/AJPREGU.00269.2011	35
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Applicability of a new robotic walking aid in a patient with cerebral palsy. Case report Published: Mar 2012 in European Journal of Physical and Rehabilitation Medicine	11
Resting Energy Expenditure in Anorexia Nervosa: Measured versus Estimated Published: Jan 2012 in Journal of Nutrition and Metabolism DOI: 10.1155/2012/652932	25

<p>Comment on "On the method of fitting cardiac output kinetics in severe exercise" by Richard L. Hughson and Azmy Faisal in Eur J Appl Physiol DOI 10.1007/s00421-010-1787-x Published: Jan 2012 in European Journal of Applied Physiology DOI: 10.1007/S00421-011-1947-7</p>	1
<p>The Energy Expenditure of Long Distance Double - Handed Offshore Sailing Published: 2012 in Medicine & Science in Sports & Exercise</p>	0
<p>Improved (V) over dotO(2) uptake kinetics and shift in muscle fiber type in high-altitude trekkers Published: Dec 2011 in Journal of Applied Physiology DOI: 10.1152/JAPPLPHYSIOL.01439.2010</p>	35
<p>Oxygen uptake, cardiac output and muscle deoxygenation at the onset of moderate and supramaximal exercise in humans Published: Jul 2011 in European Journal of Applied Physiology DOI: 10.1007/S00421-010-1786-Y</p>	22
<p>PHYSIOLOGICAL DETERMINANTS OF BEST PERFORMANCE IN MARATHON RUNNING Published: 2011 in Journal of Applied Physiology</p>	1
<p>Running Economy During A 60-km Race Published: 2011 in Medicine & Science in Sports & Exercise DOI: 10.1249/01.MSS.0000402985.65196.DC</p>	0
<p>Effects of acceleration in the G(z) axis on human cardiopulmonary responses to exercise Published: 2011 in European Journal of Applied Physiology DOI: 10.1007/S00421-011-1917-0</p>	11
<p>Energetics of swimming: a historical perspective Published: 2011 in European Journal of Applied Physiology DOI: 10.1007/S00421-010-1433-7</p>	118
<p>Cardiovascular determinants of maximal oxygen consumption in upright and supine posture at the end of prolonged bed rest in humans Published: Jun 2010 in Respiratory Physiology and Neurobiology DOI: 10.1016/J.RESP.2010.03.018</p>	23
<p>Aerobic Training And Heavy Warm-up:effect On Muscle Oxidative Metabolism In The Elderly Published: May 2010 in Medicine & Science in Sports & Exercise DOI: 10.1249/01.MSS.0000384517.81799.82</p>	0
<p>Determinants of oxygen consumption during exercise on cycle ergometer: The effects of gravity acceleration Published: Apr 2010 in Respiratory Physiology and Neurobiology DOI: 10.1016/J.RESP.2010.02.013</p>	17

<p>Pulmonary (V) over dot (O₂) kinetics at the onset of exercise is faster when actual changes in alveolar O₂ stores are considered Published: Oct 2009 in Respiratory Physiology and Neurobiology DOI: 10.1016/J.RESP.2009.08.012</p>	15
<p>Identification of vascular responses to exercise and orthostatic stress in bed rest-induced cardiovascular deconditioning Published: Sep 2009 in Annual International Conference of the IEEE Engineering in Medicine and Biology DOI: 10.1109/IEMBS.2009.5332690</p>	0
<p>Oxygen deficits and oxygen delivery kinetics during submaximal intensity exercise in humans after 14 days of head-down tilt-bed rest Published: Sep 2009 in European Journal of Applied Physiology DOI: 10.1007/S00421-009-1098-2</p>	11
<p>Maximal O₂ consumption: Effects of gravity withdrawal and resumption Published: 2009 in Respiratory Physiology and Neurobiology DOI: 10.1016/J.RESP.2009.03.012</p>	11
<p>Energy cost and efficiency of Venetian rowing on a traditional, flat hull boat (Bissa) Published: 2009 in European Journal of Applied Physiology DOI: 10.1007/S00421-008-0949-6</p>	7
<p>Active and passive drag: the role of trunk incline Published: 2009 in European Journal of Applied Physiology DOI: 10.1007/S00421-009-1007-8</p>	75
<p>Model Based Processing of CardioVascular Variability Applied to Bed-Rest Case Studies Published: Sep 2008 in Computers in Cardiology Conference (CinC) DOI: 10.1109/CIC.2008.4748994</p>	0
<p>Metabolic and cardiovascular responses during sub-maximal exercise in humans after 14 days of head-down tilt bed rest and inactivity Published: Aug 2008 in European Journal of Applied Physiology DOI: 10.1007/S00421-008-0848-X</p>	9
<p>Phase I dynamics of cardiac output, systemic O₂ delivery, and lung O₂ uptake at exercise onset in men in acute normobaric hypoxia Published: Aug 2008 in American Journal of Physiology-Regulatory, Integrative and Comparative Physiology DOI: 10.1152/AJPREGU.00797.2007</p>	28
<p>Running Economy Of Elite East African Runners Published: May 2008 in Medicine & Science in Sports & Exercise DOI: 10.1249/01.MSS.0000321740.39039.02</p>	0

Breath-by-breath changes of lung oxygen stores at rest and during exercise in humans Published: 2008 in Respiratory Physiology and Neurobiology DOI: 10.1016/J.RESP.2008.06.002	21
Energy cost and mechanical efficiency of riding a human-powered recumbent bicycle Published: 2008 in Ergonomics DOI: 10.1080/00140130802238614	9
The critical velocity in swimming Published: 2008 in European Journal of Applied Physiology DOI: 10.1007/S00421-007-0569-6	33
Energy balance of locomotion with pedal-driven watercraft Published: 2008 in Journal of Sports Sciences DOI: 10.1080/02640410701305420	9
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Timing and extent of longitudinal and circumferential strain of the left ventricular myocardium by 2D-speckle tracking echocardiography Published: 2007 in European Heart Journal	0
Factors determining the time course of VO ₂ max decay during bedrest: implications for VO ₂ max limitation Published: Sep 2006 in European Journal of Applied Physiology DOI: 10.1007/S00421-006-0252-3	60
Seasonal training and heart rate and blood pressure variabilities in young swimmers Published: Jul 2006 in European Journal of Applied Physiology DOI: 10.1007/S00421-006-0174-0	24
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<p>Simultaneous determination of the kinetics of cardiac output, systemic O-2 delivery, and lung O-2 uptake at exercise onset in men Published: Apr 2006 in American Journal of Physiology-Regulatory, Integrative and Comparative Physiology DOI: 10.1152/AJPREGU.00366.2005</p>	63
<p>Point: Counterpoint comments Published: Mar 2006 in Journal of Applied Physiology DOI: 10.1152/JAPPLPHYSIOL.01578.2005</p>	0
<p>Improved delineation of morphological features of arrhythmogenic right ventricular cardiomyopathy with the use of contrast-enhanced echocardiography Published: 2006 in Journal of Cardiovascular Medicine DOI: 10.2459/01.JCM.0000234777.03949.10</p>	4
<p>Alveolar oxygen uptake kinetics with step, impulse and ramp exercise in humans Published: Dec 2005 in European Journal of Applied Physiology DOI: 10.1007/S00421-005-0038-Z</p>	15
<p>Energy cost of swimming of elite long-distance swimmers Published: 2005 in European Journal of Applied Physiology DOI: 10.1007/S00421-005-1337-0</p>	62
<p>Cardiac output by Modelflow (R) method from intra-arterial and fingertip pulse pressure profiles Published: Apr 2004 in Clinical Science DOI: 10.1042/CS20030303</p>	67
<p>Correction of cardiac output obtained by Modelflow (R) from finger pulse pressure profiles with a respiratory method in humans Published: Apr 2004 in Clinical Science DOI: 10.1042/CS20030302</p>	72
<p>Energy balance of human locomotion in water Published: 2003 in European Journal of Applied Physiology DOI: 10.1007/S00421-003-0919-Y</p>	61
<p>New acquisitions in the assessment of breath-by-breath alveolar gas transfer in humans Published: 2003 in European Journal of Applied Physiology DOI: 10.1007/S00421-003-0951-Y</p>	26
<p>The time course of the decrease in maximal oxygen consumption during long-term bed rest in humans Published: Oct 2002 in The Journal of Physiology</p>	0
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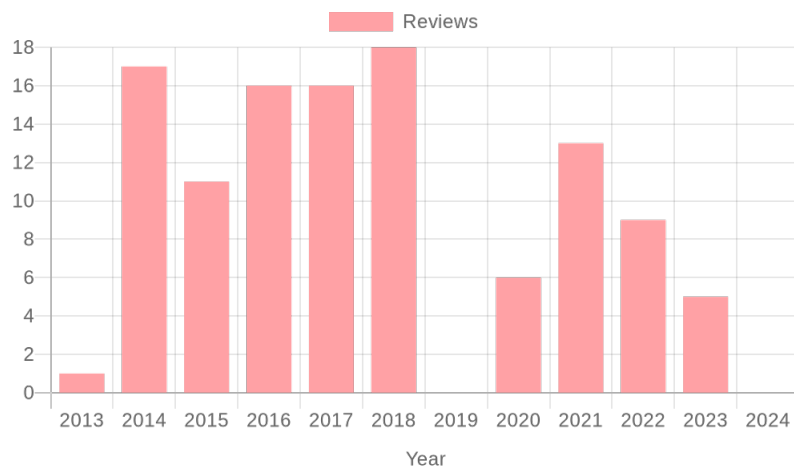
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ASSESSMENT OF CARDIAC-OUTPUT FROM NONINVASIVE DETERMINATION OF ARTERIAL-PRESSURE PROFILE IN SUBJECTS AT REST Published: Sep 1994 in European Journal of Applied Physiology DOI: 10.1007/BF01094786	12
ENERGETICS OF BEST PERFORMANCES IN MIDDLE-DISTANCE RUNNING Published: May 1993 in Journal of Applied Physiology DOI: 10.1152/JAPPL.1993.74.5.2318	169

<p>EFFECTS OF PROLONGED CYCLE ERGOMETER EXERCISE ON MAXIMAL MUSCLE POWER AND OXYGEN-UPTAKE IN HUMANS Published: Mar 1993 in European Journal of Applied Physiology and Occupational Physiology DOI: 10.1007/BF00235092</p>	30
<p>ENERGY-COST AND EFFICIENCY OF RIDING AERODYNAMIC BICYCLES Published: 1993 in European Journal of Applied Physiology DOI: 10.1007/BF00376658</p>	65
<p>BLOOD LACTATE DURING LEG EXERCISE IN MICROGRAVITY Published: 1992 in Acta Astronautica DOI: 10.1016/0094-5765(92)90177-K</p>	4
<p>MAXIMAL MUSCULAR POWER AND O₂ CONSUMPTION DURING AEROBIC EXERCISE IN MAN Published: Oct 1991 in Pflügers Archiv - European Journal of Physiology</p>	0
<p>THE ENERGY-COST OF RUNNING INCREASES WITH THE DISTANCE COVERED Published: 1991 in European Journal of Applied Physiology and Occupational Physiology DOI: 10.1007/BF00626607</p>	89
<p>ENERGY-COST AND EFFICIENCY OF SCULLING A VENETIAN GONDOLA Published: 1990 in European Journal of Applied Physiology DOI: 10.1007/BF00839154</p>	9
<p>PEDALING IN SPACE TO SIMULATE GRAVITY - THE TWIN-BIKE SYSTEM Published: 1990 in Proceedings of the Fourth European Symposium on Life Sciences Research in Space</p>	1
<p>HOW CHILDREN UNDERSTAND SARCASM - THE ROLE OF CONTEXT AND INTONATION Published: 1990 in Child Development DOI: 10.2307/1130840</p>	103
<p>GRAVITY-DEPENDENT DISTRIBUTION OF PARIETAL SUBPLEURAL INTERSTITIAL PRESSURE Published: 1987 in Journal of Applied Physiology DOI: 10.1152/JAPPL.1987.63.5.1912</p>	21

Verified Reviews

Review Summary



Reviewer Summary

For manuscripts reviewed from date range January 1985 - June 2024

(76) European Journal of Applied Ph...	(14) Sport Sciences for Health
(5) Scandinavian Journal of Medicin...	(3) Medicine & Science in Sports & E...
(3) Clinical Physiology and Function...	(2) International Journal of Environm...
(1) Proceedings of the Royal Society...	(1) Sports Medicine
(1) Journal of Sport and Health Scie...	(1) Sports Medicine - Open
(1) Pflügers Archiv - European Journ...	(1) Geriatrics
(1) International Journal of Sports M...	(1) Applied Physiology, Nutrition, an...
(1) Lung	

112 REVIEWS OF 79 MANUSCRIPTS

For manuscripts published from date range January 1985 - June 2024

Performance of two metabolic carts for cardiopulmonary exercise testing (MetaLyzer 3B and Oxycon Pro) in different climatic conditions
Reviewed: Dec 2023 for Scandinavian Journal of Medicine & Science in Sports

Oxidative energy cost of wheelchair propulsion and peak oxidative performance in subjects with spinal cord injury
Reviewed: Nov 2023 for Medicine & Science in Sports & Exercise

Still air resistance during walking and running
Reviewed: Oct 2023 for Proceedings of the Royal Society B: Biological Sciences

Handbike Riding in the Brescia Urban Loose Space: Topographical Evaluation and Metabolic Demand Estimation of Four Suitable Tracks
Reviewed: Oct 2023 for International Journal of Environmental Research and Public Health

Modelling inter-individual variability in acute and adaptive responses to interval training: insights into exercise intensity normalisation
Reviewed: Oct 2023 for European Journal of Applied Physiology

Increased cerebral vascular resistance underlies preserved cerebral blood flow in response to orthostasis in humans on a high-salt diet

Reviewed: Dec 2022 for European Journal of Applied Physiology

Acute physiological responses to high-intensity interval exercise in patients with coronary artery disease

Reviewed: Nov 2022 for European Journal of Applied Physiology

Running Endurance in Women Compared to Men: Retrospective Analysis of Matched Real-World Big Data

Reviewed: Sep 2022 for Sports Medicine

The Impact of Obesity on C1q/TNF-Related Protein-9 Expression and Endothelial Function Following Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise

Reviewed: Sep 2022 for European Journal of Applied Physiology

Anaerobic work capacity in cycling: the effect of computational method

Reviewed: Aug 2022 for European Journal of Applied Physiology

Everesting: cycling the elevation of the tallest mountain on Earth

Reviewed: Aug 2022 for European Journal of Applied Physiology

Breast cancer survivors with preserved or rescued cardiorespiratory fitness have similar cardiac, pulmonary and muscle function compared to controls

Reviewed: Jun 2022 for European Journal of Applied Physiology

A proposal to identify the maximal metabolic steady state by muscle oxygenation and VO₂max levels in trained cyclists

Reviewed: May 2022 for Sport Sciences for Health

Associations of cardiorespiratory fitness, body composition, and blood pressure with arterial stiffness in adolescent, young adult, and middle-aged women

Reviewed: Feb 2022 for European Journal of Applied Physiology

Improvements in Maximal Oxygen Uptake After Sprint-Interval Training Coincide with Increases in Central Hemodynamic Factors

2 rounds from Aug 2021 to Nov 2021 for Medicine & Science in Sports & Exercise

Cardiorespiratory kinetics in exercise physiology: estimates and predictions using randomized changes in work rate

Reviewed: Nov 2021 for European Journal of Applied Physiology

The metabolic cost of overcoming air resistive forces in distance running

Reviewed: Sep 2021 for Journal of Sport and Health Science

Running at altitude: the 100-m dash

Reviewed: Jun 2021 for European Journal of Applied Physiology

Can fat-free mass gains induced by dry-land resistance training periodization affect negatively swimming performance?

Reviewed: May 2021 for Sport Sciences for Health

Kneeling-induced calf ischemia: a pilot study in apparently healthy European young subjects

Reviewed: May 2021 for European Journal of Applied Physiology

Metabolic instability vs fibre recruitment contribution to the $\dot{V}O_2$ slow component in different exercise intensity domains

Reviewed: Apr 2021 for Pflügers Archiv - European Journal of Physiology

STREET RACE TRAINING METHODS TO COMPETITIONS OF 5KM TO 10KM - A BIBLIOMETRIC ANALYSIS

Reviewed: Apr 2021 for Sport Sciences for Health

Maximal muscular power: lessons from sprint cycling

Reviewed: Mar 2021 for Sports Medicine - Open

A clinical evaluation of VO₂ kinetics in kidney transplant recipients

Reviewed: Mar 2021 for European Journal of Applied Physiology

Cardiopulmonary exercise testing performed with blood flow restriction showed lower speeds in ventilatory thresholds and peak oxygen consumption compared with a traditional maximum test

Reviewed: Feb 2021 for Sport Sciences for Health

Daily 30-min exposure to artificial gravity during 60 days of bed rest does not maintain aerobic exercise capacity but mitigates some deteriorations of muscle function: results from the AGBRESA RCT

Reviewed: Jan 2021 for European Journal of Applied Physiology

Effect of exercise training on body temperature in the elderly: a retrospective cohort study

Reviewed: Dec 2020 for Geriatrics

The Fuzzy Kinetics Index: an indicator conflating cardiorespiratory kinetics during dynamic exercise

Reviewed: Dec 2020 for European Journal of Applied Physiology

The effect of pedalling cadence on respiratory frequency: passive vs. active exercise of different intensities

Reviewed: Sep 2020 for European Journal of Applied Physiology

Priming exercise accelerates pulmonary oxygen uptake kinetics during "work-to-work" cycle exercise in middle-aged individuals with type 2 diabetes

Reviewed: Sep 2020 for European Journal of Applied Physiology

Prolonged static stretching causes acute, nonmetabolic fatigue and impairs exercise tolerance during severe-intensity cycling

Reviewed: Mar 2020 for Applied Physiology, Nutrition, and Metabolism

Predictive models of total energy expenditure in the Spanish population: findings from the ANIBES study

Reviewed: Feb 2020 for International Journal of Environmental Research and Public Health

Suitability of jumps as a form of high intensity interval training: effect of rest duration on oxygen uptake, heart rate and blood lactate

Reviewed: Dec 2018 for European Journal of Applied Physiology

Suspension syndrome: a potentially fatal vagally mediated circulatory collapse - an experimental randomized crossover trial

Reviewed: Nov 2018 for European Journal of Applied Physiology

Does an increase in energy return and/or longitudinal bending stiffness shoe features reduce the energetic cost of running?

2 rounds from Aug 2018 to Oct 2018 for European Journal of Applied Physiology

Four weeks of low volume high-intensity interval training has no effect on V' O₂max despite increasing the anaerobic capacity

Reviewed: Sep 2018 for European Journal of Applied Physiology

Maximal accumulated oxygen deficit is influenced by chronological age and is related to intensity of VO₂PEAK

2 rounds from Jul 2018 to Aug 2018 for Sport Sciences for Health

Effects of alternating standing and sitting compared to prolonged sitting on cerebrovascular hemodynamics

Reviewed: Aug 2018 for European Journal of Applied Physiology

Temporal dissociation between muscle and pulmonary oxygen uptake kinetics - Influences of perfusion dynamics and arteriovenous oxygen concentration differences in muscles and lungs

2 rounds from Mar 2018 to Jun 2018 for European Journal of Applied Physiology

VO₂ Plateau in Treadmill Exercise is Not Dependent on Anaerobic Capacity

2 rounds from Mar 2018 to Apr 2018 for Sport Sciences for Health

The Influence of Concentric Versus Eccentric Contractions on Post Exercise Hypotension: Implications for Metabolism

3 rounds from Jan 2018 to Mar 2018 for European Journal of Applied Physiology

ENERGY DEMANDS IN HIGHLY TRAINED ALPINE SKI RACERS DURING DIFFERENT DURATION OF IN SITU SLALOM AND GIANT SLALOM RUNS

Reviewed: Mar 2018 for European Journal of Applied Physiology

The validity of RMR-prediction equations and reliability of the Parvo Medics TrueOne analyzer for measuring RMR in female athletes

Reviewed: Jan 2018 for Sport Sciences for Health

A Comparison of Squatting Exercise on a Centrifuge and With Earth Gravity

Reviewed: Jan 2018 for European Journal of Applied Physiology

Live high - train low guided by daily heart rate variability in elite Nordic-skiers

2 rounds from Oct 2017 to Nov 2017 for European Journal of Applied Physiology

The accuracy of two equations for predicting maximal oxygen uptake on individualized ramp protocol

Reviewed: Oct 2017 for Sport Sciences for Health

Reliable and sensitive physical testing of elite trapeze sailors

2 rounds from Jul 2017 to Sep 2017 for Scandinavian Journal of Medicine & Science in Sports

Maximal Aerobic Capacity, Oxygen Uptake Efficiency and Vascular Health in Adolescents

Reviewed: Sep 2017 for European Journal of Applied Physiology

Vasoconstrictor responsiveness in contracting human muscle: influence of contraction frequency, contractile work and metabolic rate

3 rounds from Mar 2017 to Jun 2017 for European Journal of Applied Physiology

Allometric scaling of flow-mediated dilation: is it always helpful?

Reviewed: May 2017 for Clinical Physiology and Functional Imaging

Cerebral oxygenation during cortical activation: The differential influence of three exercise training modalities - A randomized controlled trial

3 rounds from Jan 2017 to May 2017 for European Journal of Applied Physiology

Calculation algorithms alter the breath-by-breath gas exchange values when abrupt changes in ventilation occur

2 rounds from Feb 2017 to Apr 2017 for Clinical Physiology and Functional Imaging

The Effects of Fitness Status and Exercise Intensity on the Oxygen Uptake Response During Moderate-Intensity Exercise

2 rounds from Nov 2016 to Feb 2017 for European Journal of Applied Physiology

Metabolic, bioenergetic, and psychological profile of an ultra-endurance walker

Reviewed: Sep 2016 for Sport Sciences for Health

CARDIORESPIRATORY RESPONSES TO DOWNHILL VS UPHILL RUNNING IN WELL-TRAINED ATHLETES

Reviewed: Aug 2016 for European Journal of Applied Physiology

Comparison of muscle activity and tissue oxygenation during strength training protocols that differ by their organisation, rest interval between sets and volume

2 rounds from Jun 2016 to Jul 2016 for European Journal of Applied Physiology

Low-intensity eccentric cycling potentiates the cardiac response but exhibits similar peripheral muscular deoxygenation patterns to concentric cycling

2 rounds from Jun 2016 to Jun 2016 for European Journal of Applied Physiology

Internal Carotid, External Carotid and Vertebral Artery Blood Flow Responses to 3-day of Head-out Dry Immersion

Reviewed: Jun 2016 for European Journal of Applied Physiology

Analysis of cardio-pulmonary and respiratory kinetics in different body positions: impact of venous return on pulmonary measurements

2 rounds from Jan 2016 to Mar 2016 for European Journal of Applied Physiology

The arterial baroreflex and inherent G tolerance

3 rounds from Jan 2016 to Mar 2016 for European Journal of Applied Physiology

Water-based training enhances both physical capacities and body composition in healthy young adult women

2 rounds from Jan 2016 to Mar 2016 for Sport Sciences for Health

Variability of Time-to-Exhaustion and Selected Psycho-Physiological Variables during Constant-Load Cycling at the Maximal Lactate Steady-State

Reviewed: Mar 2016 for European Journal of Applied Physiology

Efficacy of Resistance Training in Cystic Fibrosis

Reviewed: Dec 2015 for Lung

Examining the validity of the heart rate deflection point (HRDP) defined by modified conconi running test in athletes and nonathletes

Reviewed: Oct 2015 for Sport Sciences for Health

The influence of time on determining blood flow restriction pressure

Reviewed: Oct 2015 for European Journal of Applied Physiology

Influence of acute passive stretching on the oxygen uptake vs work rate slope during an incremental cycle test

2 rounds from Jul 2015 to Aug 2015 for European Journal of Applied Physiology

Effect of pedaling cadence on muscle oxygenation during high-intensity cycling until exhaustion: a comparison between untrained subjects and triathletes

2 rounds from May 2015 to Aug 2015 for European Journal of Applied Physiology

Prolonged Trail Exercise as Fatigue Model Affects The Relationship Between Running Economy and Minimalist Footwear

Reviewed: Jun 2015 for Scandinavian Journal of Medicine & Science in Sports

Mechanical compression to restricted muscle inflow during repeated isometric muscle contraction and hyperaemic recovery

Reviewed: Apr 2015 for Scandinavian Journal of Medicine & Science in Sports

Oxygen Uptake and Heart Rate Kinetics During Dynamic Upper and Lower Body Exercise - An Investigation by Time-Series Analysis

2 rounds from Dec 2014 to Feb 2015 for European Journal of Applied Physiology

Hemodynamical responses caused by exposure to artificial gravity

Reviewed: Jan 2015 for European Journal of Applied Physiology

Immediate post isometric exercise cardiovascular responses are associated with training induced resting systolic blood pressure reductions

4 rounds from Mar 2014 to Oct 2014 for European Journal of Applied Physiology

Musculoskeletal effects of 5 days of bed rest with and without locomotion replacement training

2 rounds from Jun 2014 to Sep 2014 for European Journal of Applied Physiology

Maximal explosive power of the lower limbs before and after 35 days of bed rest under different diet energy intake

2 rounds from Jul 2014 to Sep 2014 for European Journal of Applied Physiology

The application of maximal heart rate predictive equations in hypoxic conditions

4 rounds from Jan 2014 to Sep 2014 for European Journal of Applied Physiology

VALIDATION OF THE MICROSTAT™ SUBLINGUAL PCO2 MONITOR IN AMBULATORY PATIENTS

Reviewed: Jun 2014 for European Journal of Applied Physiology

Faster VO2 kinetics after eccentric contractions is explained by better matching of O2 delivery to O2 utilization

2 rounds from Apr 2014 to May 2014 for European Journal of Applied Physiology

Effect of Lower Body Compression Garments on Hemodynamics in Response to Running Session

Reviewed: Jan 2014 for European Journal of Applied Physiology

Frontal area in swimming strokes using the planimetric method: implications on active drag

Reviewed: Sep 2013 for International Journal of Sports Medicine
