

CITATION REPORT

List of articles citing

Methodological approach to the first and second lactate threshold in incremental cardiopulmonary exercise testing

DOI: 10.1097/hjr.ob013e328304fed4
European Journal of Cardiovascular Prevention and Rehabilitation, 2008, 15, 726-34.

Source: <https://exaly.com/paper-pdf/44315507/citation-report.pdf>

Version: 2024-04-28

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

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

#	Paper	IF	Citations
271	Standards for the use of cardiopulmonary exercise testing for the functional evaluation of cardiac patients: a report from the Exercise Physiology Section of the European Association for Cardiovascular Prevention and Rehabilitation. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009, 16, 249-67		240
270	The oxygen uptake efficiency slope: what do we know?. 2010 , 30, 357-73		34
269	The pleasure and displeasure people feel when they exercise at different intensities: decennial update and progress towards a tripartite rationale for exercise intensity prescription. 2011 , 41, 641-71		614
268	Aerobic exercise training intensity in patients with chronic heart failure: principles of assessment and prescription. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011 , 18, 5-14		40
267	Measures of exercise capacity in adults with congenital heart disease. 2011 , 153, 26-30		56
266	Cardiopulmonary exercise testing and SF-36 in patients with atrial septal defect type secundum. 2011 , 31, 308-15		13
265	Atrial remodeling, autonomic tone, and lifetime training hours in nonelite athletes. 2011 , 108, 580-5		128
264	Gender differences of atrial and ventricular remodeling and autonomic tone in nonelite athletes. 2011 , 108, 1489-95		51
263	Spiroergometrie. 2011 , 8, 85-91		1
262	Special needs to prescribe exercise intensity for scientific studies. 2010 , 2011, 209302		61
261	Importance of characteristics and modalities of physical activity and exercise in the management of cardiovascular health in individuals with cardiovascular disease (Part III). 2012 , 19, 1333-56		138
260	Aerobic exercise intensity assessment and prescription in cardiac rehabilitation: a joint position statement of the European Association for Cardiovascular Prevention and Rehabilitation, the American Association of Cardiovascular and Pulmonary Rehabilitation, and the Canadian Association of Cardiac Rehabilitation. 2012 , 32, 327-50		107
259	Importance of characteristics and modalities of physical activity and exercise in the management of cardiovascular health in individuals with cardiovascular risk factors: recommendations from the EACPR. Part II. 2012 , 19, 1005-33		177
258	Training prescription in patients on beta-blockers: percentage peak exercise methods or self-regulation?. 2012 , 19, 205-12		14
257	Determination of the lactate threshold by means of salivary biomarkers: chromogranin A as novel marker of exercise intensity. <i>European Journal of Applied Physiology</i> , 2012 , 112, 3195-203	3.4	20
256	[Pulmonary and alveolar ventilation, gas exchanges and arterial blood gases during ramp exercise]. 2012 , 29, 1017-34		0
255	Comparison of pro-atrial natriuretic peptide and atrial remodeling in marathon versus non-marathon runners. 2012 , 109, 1060-5		23

254	Long-term cardiac remodeling and arrhythmias in nonelite marathon runners. 2012 , 110, 129-35	26
253	Greater prognostic value of peak VO ₂ after exercise training program completion in heart failure patients. 2013 , 168, 4139-44	5
252	Chronotropic incompetence predicts impaired response to exercise training in heart failure patients with sinus rhythm. 2013 , 20, 585-92	33
251	Physical activity in adolescents and adults with congenital heart defects: individualized exercise prescription. 2013 , 34, 3669-74	106
250	Aerobic exercise intensity assessment and prescription in cardiac rehabilitation: a joint position statement of the European Association for Cardiovascular Prevention and Rehabilitation, the American Association of Cardiovascular and Pulmonary Rehabilitation and the Canadian Association of Cardiac Rehabilitation. 2013 , 20, 442-67	251
249	Identification and agreement of first turn point by mathematical analysis applied to heart rate, carbon dioxide output and electromyography. 2013 , 17, 614-22	6
248	Validity of the Talk Test for exercise prescription after myocardial revascularization. 2013 , 20, 376-82	22
247	Causes of nonlinearity of the oxygen uptake efficiency slope: a prospective study in patients with chronic heart failure. 2014 , 21, 347-53	5
246	Programming exercise intensity in patients on beta-blocker treatment: the importance of choosing an appropriate method. 2014 , 21, 1474-80	26
245	Physiological response is similar in overweight and normoweight boys during cycling: a longitudinal study. 2014 , 101, 236-49	1
244	Effect of high-intensity training versus moderate training on peak oxygen uptake and chronotropic response in heart transplant recipients: a randomized crossover trial. 2014 , 14, 2391-9	36
243	[Physiological significance and interpretation of plasma lactate concentration and pH in clinical exercise testing]. 2014 , 31, 525-51	5
242	Effect of body composition on respiratory compensation point during an incremental test. 2014 , 28, 2071-7	9
241	Submaximal cardiopulmonary thresholds on a robotics-assisted tilt table, a cycle and a treadmill: a comparative analysis. 2015 , 14, 104	3
240	SMART: physical activity and cerebral metabolism in older people: study protocol for a randomised controlled trial. 2015 , 16, 155	13
239	Effect of moderate- versus high-intensity exercise on vascular function, biomarkers and quality of life in heart transplant recipients: A randomized, crossover trial. 2015 , 34, 1033-41	37
238	Determination of respiratory point compensation in healthy adults: Can non-invasive near-infrared spectroscopy help?. 2015 , 18, 590-5	46
237	Comparing four non-invasive methods to determine the ventilatory anaerobic threshold during cardiopulmonary exercise testing in children with congenital heart or lung disease. 2015 , 35, 451-9	4

236	Physiological response during running in athletes with similar body mass but different body composition. 2015 , 30, 204-212	3
235	Feasibility of cardiopulmonary exercise testing and training using a robotics-assisted tilt table in dependent-ambulatory stroke patients. 2015 , 12, 88	9
234	Heart rate deflection point as an alternative method to identify the anaerobic threshold in patients with type 2 diabetes. 2015 , 50, 123-128	10
233	Past, present, and future rehabilitation practice patterns for patients with heart failure: the European perspective. 2015 , 11, 105-15	4
232	Alternatives to Aerobic Exercise Prescription in Patients with Chronic Heart Failure. 2016 , 106, 97-104	8
231	The midpoint between ventilatory thresholds approaches maximal lactate steady state intensity in amateur cyclists. 2016 , 33, 373-380	5
230	Reliability of the Determination of the Ventilatory Threshold in Patients with COPD. 2016 , 48, 210-8	3
229	Test-retest reliability and four-week changes in cardiopulmonary fitness in stroke patients: evaluation using a robotics-assisted tilt table. 2016 , 16, 163	7
228	Are aerobic interval training and continuous training isocaloric in coronary artery disease patients?. 2016 , 23, 1486-95	4
227	Can measures of critical power precisely estimate the maximal metabolic steady-state?. 2016 , 41, 1197-1203	42
226	The effects of exercise modality on maximal and submaximal exercise parameters obtained by graded maximal exercise testing. 2016 , 222, 538-547	7
225	The long-term effects of a randomized trial comparing aerobic interval versus continuous training in coronary artery disease patients: 1-year data from the SAINTEX-CAD study. 2016 , 23, 1154-64	32
224	Reproducibility of Anaerobic and Pain Thresholds in Male Patients With Intermittent Claudication. 2016 , 36, 358-67	3
223	Measured by the oxygen uptake in the field, the work of refuse collectors is particularly hard work: Are the limit values for physical endurance workload too low?. 2016 , 89, 211-20	17
222	Prognostic value of the oxygen uptake efficiency slope and other exercise variables in patients with coronary artery disease. 2016 , 23, 237-44	25
221	Clinical Exercise Testing. 2016 , 436-457.e6	1
220	Effect of maximal-intensity exercise on systemic nitro-oxidative stress in men and women. 2017 , 22, 176-182	7
219	The lactate and ventilatory thresholds in resistance training. 2017 , 37, 518-524	6

218	Exercise capacity in left ventricular assist device patients with full and partial support. 2017 , 24, 168-177	5
217	Cardiopulmonary Exercise Testing: Basics of Methodology and Measurements. 2017 , 14, S3-S11	68
216	Sex differences in oxidative stress after eccentric and concentric exercise. 2017 , 22, 478-485	11
215	The effect of aerobic interval training and continuous training on exercise capacity and its determinants. 2017 , 72, 328-340	3
214	A Rapidly-Incremented Tethered-Swimming test for Defining Domain-Specific Training Zones. 2017 , 57, 117-128	0
213	Effects of aerobic exercise on brain metabolism and grey matter volume in older adults: results of the randomised controlled SMART trial. 2017 , 7, e1172	44
212	Effects of concurrent and aerobic exercises on postexercise hypotension in elderly hypertensive men. 2017 , 98, 1-7	25
211	Real-Time Monitoring in Home-Based Cardiac Rehabilitation Using Wrist-Worn Heart Rate Devices. 2017 , 17,	20
210	Unilateral Arm Crank Exercise Test for Assessing Cardiorespiratory Fitness in Individuals with Hemiparetic Stroke. 2017 , 2017, 6862041	6
209	Aerobic With Resistance Training or Aerobic Training Alone Poststroke: A Secondary Analysis From a Randomized Clinical Trial. 2018 , 32, 209-222	13
208	The relationship between ventilatory threshold and repeated-sprint ability in competitive male ice hockey players. 2018 , 16, 32-36	4
207	Right ventricular systolic dysfunction at rest is not related to decreased exercise capacity in patients with a systemic right ventricle. 2018 , 260, 66-71	13
206	TNF inhibitors improve muscle lactate production upon maximal effort in spondyloarthritis: An open labelled study. 2018 , 85, 125-126	
205	A new method for self-paced peak performance testing on a treadmill. 2018 , 38, 108-117	2
204	Les anti-TNF induisent une augmentation de la production musculaire de lactate lors des efforts maximaux dans la spondyloarthrite : résultats d'une étude exploratoire. 2018 , 85, 594-596	
203	An invariant-set approach for constraining gas exchange dynamics during cycling. 2018 , 51, 515-520	
202	Glycemic Threshold as an Alternative Method to Identify the Anaerobic Threshold in Patients With Type 2 Diabetes. 2018 , 9, 1609	0
201	Examination of gas exchange and blood lactate thresholds in Paralympic athletes during upper-body poling. <i>PLoS ONE</i> , 2018 , 13, e0205588	3-7 3

200	Accuracy of training recommendations based on a treadmill multistage incremental exercise test. <i>PLoS ONE</i> , 2018 , 13, e0204696	3-7	3
199	Advanced Imaging to Phenotype Patients With a Systemic Right Ventricle. 2018 , 7, e009185		12
198	The Role of Moderate Aerobic Exercise as Determined by Cardiopulmonary Exercise Testing in ALS. 2018 , 2018, 8218697		18
197	The Critical Power Model as a Potential Tool for Anti-doping. 2018 , 9, 643		7
196	Cancer and Exercise: Warburg Hypothesis, Tumour Metabolism and High-Intensity Anaerobic Exercise. 2018 , 6,		19
195	Investigation of cardiopulmonary exercise testing using a dynamic leg press and comparison with a cycle ergometer. 2018 , 10, 5		4
194	Determination of the exercise intensity corresponding with maximal lactate steady state in high-level basketball players. 2019 , 27, 112-120		6
193	Determination of the Maximal Lactate Steady State by HRV in Overweight and Obese Subjects. 2019 , 3, E58-E64		
192	The influence of protocol design on the identification of ventilatory thresholds and the attainment of peak physiological responses during synchronous arm crank ergometry in able-bodied participants. <i>European Journal of Applied Physiology</i> , 2019 , 119, 2275-2286	3-4	4
191	Effect of aerobic exercise on white matter microstructure in the aging brain. 2019 , 373, 112042		18
190	Cardiorespiratory factors related to the increase in oxygen consumption during exercise in individuals with stroke. <i>PLoS ONE</i> , 2019 , 14, e0217453	3-7	5
189	Clinical Response to Personalized Exercise Therapy in Heart Failure Patients with Reduced Ejection Fraction is Accompanied by Skeletal Muscle Histological Alterations. 2019 , 20,		2
188	Technical feasibility of constant-load and high-intensity interval training for cardiopulmonary conditioning using a re-engineered dynamic leg press. 2019 , 1, 26		
187	Menstrual Cycle and Physical Effort. 2019 ,		0
186	No ergogenic effects of a 10-day combined heat and hypoxic acclimation on aerobic performance in normoxic thermoneutral or hot conditions. <i>European Journal of Applied Physiology</i> , 2019 , 119, 2513-2527	3-4	6
185	The benefits of exercise in cancer patients and the criteria for exercise prescription in cardio-oncology. 2019 , 2047487319874900		20
184	Muscle and intestinal damage in triathletes. <i>PLoS ONE</i> , 2019 , 14, e0210651	3-7	10
183	Principal component analysis as a novel approach for cardiorespiratory exercise testing evaluation. 2019 , 40, 084002		8

182	Novel Smartphone Game Improves Physical Activity Behavior in Type 2 Diabetes. 2019 , 57, 41-50		15
181	Differences in cerebral and muscle oxygenation patterns during exercise in children with univentricular heart after Fontan operation compared to healthy peers. 2019 , 290, 86-92		4
180	Cardiorespiratory coordination reveals training-specific physiological adaptations. <i>European Journal of Applied Physiology</i> , 2019 , 119, 1701-1709	3-4	11
179	Interobserver variability of ventilatory anaerobic threshold in asymptomatic volunteers. 2019 , 14, 20		3
178	Ventilatory efficiency during constant-load test at lactate threshold intensity: Endurance versus resistance exercises. <i>PLoS ONE</i> , 2019 , 14, e0216824	3-7	9
177	Spring-mass characteristics during human locomotion: Running experience and physiological considerations of blood lactate accumulation. 2019 , 19, 1328-1335		3
176	Physiological Demands in Sports Practice. 2019 , 37-44		1
175	The Slow Component of Oxygen Uptake and Efficiency in Resistance Exercises: A Comparison With Endurance Exercises. 2019 , 10, 357		5
174	Estimation of the maximal lactate steady state in postmenopausal women. 2019 , 37, 1725-1733		
173	Interrater and intrarater reliability of ventilatory thresholds determined in individuals with spinal cord injury. 2019 , 57, 669-678		5
172	The Effects of Conditioning Training on Body Build, Aerobic and Anaerobic Performance in Elite Mixed Martial Arts Athletes. 2019 , 70, 223-231		2
171	Commentary: Physical Exercise as Personalized Medicine for Dementia Prevention?. 2019 , 10, 1358		12
170	Sildenafil improves exercise capacity in patients with cystic fibrosis: a proof-of-concept clinical trial. 2019 , 10, 2040622319887879		4
169	Modifications of the Dmax method in comparison to the maximal lactate steady state in young male athletes. 2019 , 47, 174-181		5
168	Objectively measured absolute and relative physical activity intensity levels in postmenopausal women. 2019 , 19, 539-548		8
167	High-intensity intermittent exercise increases adenosine hydrolysis in platelets and lymphocytes and promotes platelet aggregation in futsal athletes. 2019 , 30, 878-885		12
166	Anti-inflammatory response to acute exercise is related with intensity and physical fitness. 2019 , 120, 5333-5342		22
165	Short-time high-intensity exercise increases peripheral BDNF in a physical fitness-dependent way in healthy men. 2020 , 20, 43-50		14

164	Exercise and microstructural changes in the motor cortex of older adults. 2020 , 51, 1711-1722		3
163	The relationship between heart rate and VO in moderate-to-severe asthmatics. 2020 , 57, 713-721		2
162	Prediction of maximum oxygen uptake through incremental exercise testing using ventilometry: a cross-sectional study. 2020 , 24, 365-372		0
161	The iReAct study - A biopsychosocial analysis of the individual response to physical activity. 2020 , 17, 100508		5
160	Fractal Correlation Properties of Heart Rate Variability: A New Biomarker for Intensity Distribution in Endurance Exercise and Training Prescription?. 2020 , 11, 550572		19
159	Acute Photobiomodulation by LED Does Not Alter Muscle Fatigue and Cycling Performance. 2020 , 52, 2448-2458		7
158	Differences in the point of optimal ventilatory efficiency and the anaerobic threshold in untrained adults aged 50 to 60 years. 2020 , 282, 103516		1
157	Metabolic Profile and Body Composition in Twins Concordant and Discordant for Physical Exercise. 2020 , 23, 241-246		1
156	Validity of dynamical analysis to characterize heart rate and oxygen consumption during effort tests. <i>Scientific Reports</i> , 2020 , 10, 12420	4.9	1
155	Absolute Accelerometer-Based Intensity Prescription Compared to Physiological Variables in Pregnant and Nonpregnant Women. 2020 , 17,		1
154	The First Lactate Threshold Is a Limit for Heavy Occupational Work. <i>Journal of Functional Morphology and Kinesiology</i> , 2020 , 5,	2.4	1
153	Translating Ramp $\dot{V}O_2$ into Constant Power Output: A Novel Strategy that Minds the Gap. 2020 , 52, 2020-2028		13
152	Physical fitness status modulates the inflammatory proteins in peripheral blood and circulating monocytes: role of PPAR-gamma. <i>Scientific Reports</i> , 2020 , 10, 14094	4.9	9
151	Can metabolic thresholds be used as exercise intensity markers in adult men with obesity [fat burn points used as an exercise marker. 2020 , 16, 113-119		3
150	A Pilot Study on the Association of Mitochondrial Oxygen Metabolism and Gas Exchange During Cardiopulmonary Exercise Testing: Is There a Mitochondrial Threshold?. 2020 , 7, 585462		2
149	Effectiveness of physical exercise for people with chronic diseases: the EFIKRONIK study protocol for a hybrid, clinical and implementation randomized trial. 2020 , 21, 227		0
148	Dynamical System Modeling of Self-Regulated Systems Undergoing Multiple Excitations: First Order Differential Equation Approach. 2021 , 56, 649-668		2
147	Intensity Thresholds and Maximal Lactate Steady State in Small Muscle Group Exercise. 2020 , 8,		2

146	Prescribing, dosing and titrating exercise in patients with hypertrophic cardiomyopathy for prevention of comorbidities: Ready for prime time. 2020 , 2047487320928654		5
145	Comparison of visual, automatic and semiautomatic methods to determine ventilatory indices in 50 to 60 years old adults. 2020 , 38, 692-702		2
144	No Influence of Overweight/Obesity on Exercise Lipid Oxidation: A Systematic Review. 2020 , 21,		6
143	Exercise prescription in cardiac rehabilitation needs to be more accurate. 2020 , 2047487320936021		1
142	Aerobic but not thermoregulatory gains following a 10-day moderate-intensity training protocol are fitness level dependent: A cross-adaptation perspective. <i>Physiological Reports</i> , 2020 , 8, e14355	2.6	6
141	Second Ventilatory Threshold Assessed by Heart Rate Variability in a Multiple Shuttle Run Test. 2021 , 42, 48-55		0
140	A New Detection Method Defining the Aerobic Threshold for Endurance Exercise and Training Prescription Based on Fractal Correlation Properties of Heart Rate Variability. 2020 , 11, 596567		14
139	Photobiomodulation 30 min or 6 h Prior to Cycling Does Not Alter Resting Blood Flow Velocity, Exercise-Induced Physiological Responses or Time to Exhaustion in Healthy Men. 2020 , 11, 607302		1
138	Exercise Intensity during Olympic-Distance Triathlon in Well-Trained Age-Group Athletes: An Observational Study. 2021 , 9,		1
137	Effects of Normobaric Hypoxia on Matched-severe Exercise and Power-duration Relationship. 2021 , 42, 708-715		4
136	Investigation of the Relationship Between Peak Vertical Accelerations and Aerobic Exercise Intensity During Graded Walking and Running in Postmenopausal Women. 2020 , 29, 71-79		1
135	Predictors of the maximal oxygen consumption in adult patients with type 1 diabetes treated with personal insulin pumps. 2021 , 12, 1377-1385		1
134	Bilateral Dorsolateral Prefrontal Cortex High-Definition Transcranial Direct-Current Stimulation Improves Time-Trial Performance in Elite Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2020 , 16, 224-231	3.5	4
133	Disturbed Blood Flow Acutely Increases Endothelial Microparticles and Decreases Flow Mediated Dilation in Patients With Heart Failure With Reduced Ejection Fraction. 2021 , 12, 629674		1
132	Cardiorespiratory mechanisms underlying the impaired oxygen uptake kinetics at exercise onset after stroke. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021 , 64, 101465	3.8	1
131	Ramp vs. step tests: valid alternatives to determine the maximal lactate steady-state intensity?. <i>European Journal of Applied Physiology</i> , 2021 , 121, 1899-1907	3.4	6
130	A novel device for detecting anaerobic threshold using sweat lactate during exercise. <i>Scientific Reports</i> , 2021 , 11, 4929	4.9	7
129	Agreement between heart rate deflection point and maximal lactate steady state in young adults with different body masses. 2021 ,		0

128	Individual cardiovascular responsiveness to work-matched exercise within the moderate- and severe-intensity domains. <i>European Journal of Applied Physiology</i> , 2021 , 121, 2039-2059	3.4	6
127	Acute aerobic exercise enhances cortical connectivity between structures involved in shaping mood and improves self-reported mood: An EEG effective-connectivity study in young male adults. 2021 , 162, 22-33		4
126	Detection of the Anaerobic Threshold in Endurance Sports: Validation of a New Method Using Correlation Properties of Heart Rate Variability. <i>Journal of Functional Morphology and Kinesiology</i> , 2021 , 6,	2.4	4
125	Determination of Anaerobic Threshold by a new approach through the incremental exercise using proportion in HR and \dot{V}_E changes in rowers. 2021 , 25, 89-97		
124	New Formula to Predict Heart Rate at Anaerobic Threshold That Considers the Effects of β Blockers in Patients With Myocardial Infarction: MULTI-INSTITUTIONAL RETROSPECTIVE CROSS-SECTIONAL STUDY. 2021 ,		
123	Histamine H ₁ and H ₂ receptors are essential transducers of the integrative exercise training response in humans. 2021 , 7,		6
122	Are There Associations Between Submaximal and Maximal Aerobic Power and International Ski Federation World Cup Ranking in Elite Alpine Skiers?. <i>International Journal of Sports Physiology and Performance</i> , 2021 , 16, 628-633	3.5	1
121	Exercise training and reproductive outcomes in women with polycystic ovary syndrome: A pilot randomized controlled trial. 2021 , 95, 332-343		8
120	Relationship of end-tidal oxygen partial pressure to the determinants of anaerobic threshold in post-myocardial infarction patients. 2021 , 36, 1811-1817		
119	Evidence of a double anaerobic threshold in healthy subjects. 2021 ,		0
118	Relationship Between Critical Power and Different Lactate Threshold Markers in Recreational Cyclists. 2021 , 12, 676484		3
117	Cardiorespiratory responses to exercise related to post-stroke fatigue severity. <i>Scientific Reports</i> , 2021 , 11, 12780	4.9	1
116	The importance of ventilatory thresholds to define aerobic exercise intensity in cardiac patients and healthy subjects. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 , 31, 1796-1808	4.6	2
115	Pattern of the Heart Rate Performance Curve in Subjects with Beta-Blocker Treatment and Healthy Controls. <i>Journal of Functional Morphology and Kinesiology</i> , 2021 , 6,	2.4	0
114	Responders and non-responders to aerobic exercise training: beyond the evaluation of. <i>Physiological Reports</i> , 2021 , 9, e14951	2.6	2
113	Effects of exercise intensity and duration on a myokine, secreted protein acidic and rich in cysteine. 2021 , 1-10		0
112	Different Endurance Exercise Modalities, Different Affective Response: A Within-Subject Study. 2021 , 12, 686661		1
111	A Single Bout of Constant-Load Exercise Test for Estimating the Time Constant of Oxygen Uptake Kinetics in Individuals With Stroke. 2021 , 45, 304-313		

110	Changes in Oxidative and Nitrosative Stress Indicators and Vascular Endothelial Growth Factor After Maximum-Intensity Exercise Assessing Aerobic Capacity in Males With Type 1 Diabetes Mellitus. 2021 , 12, 672403			1
109	Cardiorespiratory fitness in patients with lower extremity artery disease? It takes more than just some steps!. 2021 ,			
108	Farklı Tenis Arakları Üzerine Matematiksel Model Kullanımın Kritik Gözahminlerine Etkisi.			0
107	High-Intensity Interval Training for Heart Failure Patients With Preserved Ejection Fraction (HIT-HF)-Rationale and Design of a Prospective, Randomized, Controlled Trial. 2021 , 12, 734111			0
106	Prognostic relevance of exercise testing in hypertrophic cardiomyopathy. A systematic review. 2021 , 339, 83-92			1
105	A comparison of the internal and external load demands imposed on professional soccer referees in FIFA's current model of physical test in relation to games. 2021 ,			0
104	W' Recovery Kinetics after Exhaustion: A Two-Phase Exponential Process Influenced by Aerobic Fitness. 2021 , 53, 1911-1921			5
103	Does Fit Mean (f)it? A Comparison of Physiological and Experiential Fitness Data From the iReAct Study. 2021 , 3, 729090			0
102	A new technique to analyse threshold-intensities based on time dependent change-points in the ratio of minute ventilation and end-tidal partial pressure of carbon-dioxide production. 2021 , 294, 103735			0
101	The Effect of Eight-Week Sprint Interval Training on Aerobic Performance of Elite Badminton Players. 2021 , 18,			2
100	Exercise Prescription to Foster Health and Well-Being: A Behavioral Approach to Transform Barriers into Opportunities. 2021 , 18,			3
99	Cardiopulmonary Response to Exercise at High Altitude in Adolescents with Congenital Heart Disease. 2021 , 16, 597-608			0
98	Effects of caffeine intake and exercise intensity on executive and arousal vigilance. <i>Scientific Reports</i> , 2020 , 10, 8393	4.9		9
97	Regular running in an air-polluted environment: physiological and anthropometric protocol for a prospective cohort study (Healthy Aging in Industrial Environment Study - Program 4). 2020 , 10, e040529			1
96	Fatigue Evaluation through Machine Learning and a Global Fatigue Descriptor. 2020 , 2020, 6484129			9
95	Response to exercise in patients with pulmonary arterial hypertension treated with combination therapy. 2021 , 7,			0
94	Effectiveness of HIIE versus MICT in Improving Cardiometabolic Risk Factors in Health and Disease: A Meta-analysis. 2021 , 53, 559-573			20
93	Robot-Assisted End-Effector-Based Stair Climbing for Cardiopulmonary Exercise Testing: Feasibility, Reliability, and Repeatability. <i>PLoS ONE</i> , 2016 , 11, e0148932	3.7		7

92	Affect during incremental exercise: The role of inhibitory cognition, autonomic cardiac function, and cerebral oxygenation. <i>PLoS ONE</i> , 2017 , 12, e0186926	3.7	16
91	Changes in Endurance Performance in Young Athletes During Two Training Seasons. 2015 , 49, 149-58		2
90	Dynamics of ventilation parameters at different load intensities and the options to influence it by a breathing exercise. 2020 , 60, 1101-1109		3
89	Effects of 8 Weeks of 2S-Hesperidin Supplementation on Performance in Amateur Cyclists. 2020 , 12,		3
88	Blood lactate responses to plyometric training in cricket players of different maturity level: a randomised controlled trial. 2019 , 15, 85-93		1
87	Narita target heart rate equation underestimates the predicted adequate exercise level in sedentary young boys. 2013 , 4, 175-80		1
86	Electromyographic and Systemic Physiological Thresholds in Single-Joint Elbow Flexion Movements. <i>International Journal of Sports Physiology and Performance</i> , 2021 , 1-8	3.5	
85	Identification of Non-Invasive Exercise Thresholds: Methods, Strategies, and an Online App. 2021 , 1		4
84	Recurrence quantification analysis of heart rate variability to detect both ventilatory thresholds. <i>PLoS ONE</i> , 2021 , 16, e0249504	3.7	5
83	Oxygen Saturation Behavior by Pulse Oximetry in Female Athletes: Breaking Myths. 2021 , 11,		1
82	3 Rol van cardiopulmonaire inspanningstesten bij de functionele beoordeling van personen met cardiaal lijden. 2011 , 63-79		
81	A new approach for the determination of anaerobic threshold: methodological survey on the modified Dmax method. 2012 , 7, 599-607		2
80	Ergometrie. 2015 , 185-212		
79	Sport an der Hñodialyse. 2016 , 357-372		
78	Cardiorespiratoire respons tijdens inspanning. 2016 , 1-7		
77	Allgemeine Grundlagen, Planung und Organisation des Trainings. 2017 , 245-270		
76	Laktat-Leistungsdiagnostik: Durchführung und Interpretation. 2017 , 189-242		4
75	Matematiksel Kritik EIk Kavramñ 2018 , 28, 220-236		

74	Can Metabolic Thresholds be used as Exercise Intensity Markers in Adult men with Obesity?.		
73	The Addition of Strength Training to Practice of High Intensity Group Gymnastics May Not Imply in Highest Levels of Strength and Quality of Life: A Cross-Sectional Study. 2019 , 11, 896-904		1
72	Feasibility of individualized aerobic threshold-based exercise on ventilatory efficiency in sedentary adult asthma patients. 2019 , 57,		
71	Physiological determinants of the increase in oxygen consumption during exercise in individuals with stroke.		
70	SIX HIT TREADMILL SESSIONS IMPROVE LIPID OXIDATION AND VENTILATORY THRESHOLD INTENSITIES. <i>Revista Brasileira De Medicina Do Esporte</i> , 2019 , 25, 328-332	0.5	0
69	Cardiopulmonary Exercise Test Parameters in Athletic Population: A Review. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	0
68	A SINGLE PHYSICAL EDUCATION SESSION IMPROVES SUBSEQUENT ACADEMIC PERFORMANCE IN RURAL SCHOOL STUDENTS. <i>Revista Brasileira De Medicina Do Esporte</i> , 2020 , 26, 532-536	0.5	
67	Modalities of Exercise Training in Cardiac Rehabilitation. 2020 , 881-896		
66	Cardiopulmonary Exercise Testing and Prescription of Exercise. 2020 , 897-912		
65	Validity of dynamical analysis to characterize heart rate and oxygen consumption during effort tests.		
64	Feasibility, reproducibility and validity of the 10 meter Shuttle Test in mild to moderately impaired people with stroke. <i>PLoS ONE</i> , 2020 , 15, e0239203	3.7	1
63	Transcriptome analysis of skeletal muscles revealed the effect of exercise on the molecular mechanisms regulating muscle growth and metabolism in patients with heart failure. <i>Russian Journal of Cardiology</i> , 2020 , 25, 4132	1.3	0
62	Assessment of Subjective Perceived Exertion at the Anaerobic Threshold with the Borg CR-10 Scale. <i>Journal of Sports Science and Medicine</i> , 2011 , 10, 130-6	2.7	31
61	Influence of acute normobaric hypoxia on physiological variables and lactate turn point determination in trained men. <i>Journal of Sports Science and Medicine</i> , 2014 , 13, 774-81	2.7	14
60	Reliability and accuracy of six hand-held blood lactate analysers. <i>Journal of Sports Science and Medicine</i> , 2015 , 14, 203-14	2.7	48
59	Heart Rate Unreliability during Interval Training Recovery in Middle Distance Runners. <i>Journal of Sports Science and Medicine</i> , 2015 , 14, 466-72	2.7	4
58	Use of Heart Rate Variability to Estimate Lactate Threshold in Coronary Artery Disease Patients during Resistance Exercise. <i>Journal of Sports Science and Medicine</i> , 2016 , 15, 649-657	2.7	4
57	Mathematical Modeling and Expression of Heart Rate Deflection Point using Heart Rate and Oxygen Consumption. <i>International Journal of Exercise Science</i> , 2017 , 10, 592-603	1.3	2

56	Effect of self-tailored high-intensity interval training versus moderate-intensity continuous exercise on cardiorespiratory fitness after myocardial infarction: A randomised controlled trial. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021 , 65, 101490	3.8	0
55	Performance Profile among Age Categories in Young Cyclists. <i>Biology</i> , 2021 , 10,	4.9	0
54	Value of Cardiopulmonary Exercise Testing in the Prognosis Assessment of Chronic Obstructive Pulmonary Disease Patients: A Retrospective, Multicentre Cohort Study. <i>Respiration</i> , 2021 , 1-14	3.7	2
53	Effect of endurance training and PGC-1 β overexpression on calculated lactate production volume during exercise based on blood lactate concentration.. <i>Scientific Reports</i> , 2022 , 12, 1635	4.9	0
52	Exercise duration: Independent effects on acute physiologic responses and the need for an individualized prescription.. <i>Physiological Reports</i> , 2022 , 10, e15168	2.6	1
51	Aerobic exercise training in older men and women-Cerebrovascular responses to submaximal exercise: Results from the Brain in Motion study.. <i>Physiological Reports</i> , 2022 , 10, e15158	2.6	5
50	Efficiency of cycling exercise: quantification, mechanisms, and misunderstandings.. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022 ,	4.6	3
49	Active vs. passive recovery during an aerobic interval training session in well-trained runners.. <i>European Journal of Applied Physiology</i> , 2022 , 122, 1281	3.4	0
48	miRNAs as markers for the development of individualized training regimens: A pilot study.. <i>Physiological Reports</i> , 2022 , 10, e15217	2.6	1
47	Rectus femoris activation is modified by training status and correlates with endurance performance in cycling. <i>Sport Sciences for Health</i> , 1	1.3	
46	Biomarkers and genetic polymorphisms associated with maximal fat oxidation during physical exercise: implications for metabolic health and sports performance.. <i>European Journal of Applied Physiology</i> , 2022 , 1	3.4	0
45	Open field stress testing: finally an optimal method in young children? Reference values for mobile cardiopulmonary exercise testing in healthy children aged 4-8 years. <i>Cardiology in the Young</i> , 2021 , 1-5	1	
44	Effects of a Very Low-Carbohydrate High-Fat Diet and High-Intensity Interval Training on Visceral Fat Deposition and Cardiorespiratory Fitness in Overfat Individuals: A Randomized Controlled Clinical Trial.. <i>Frontiers in Nutrition</i> , 2021 , 8, 785694	6.2	0
43	A longitudinal study on the interchangeable use of whole-body and local exercise thresholds in cycling.. <i>European Journal of Applied Physiology</i> , 2022 , 1	3.4	1
42	Changes in health-related quality of life, motivation for physical activity, the levels of anxiety and depression after individualized aerobic training in subjects with metabolic syndrome.. <i>Hellenic Journal of Cardiology</i> , 2022 ,	2.1	0
41	Data_Sheet_1.docx. 2020 ,		
40	Image_1.pdf. 2020 ,		
39	Table_1.XLSX. 2020 ,		

38	Effects of Bilateral Dorsolateral Prefrontal Cortex High-Definition Transcranial Direct-Current Stimulation on Physiological and Performance Responses at Severe-Intensity Exercise Domain in Elite Road Cyclists.. <i>International Journal of Sports Physiology and Performance</i> , 2022 , 1-9	3.5	o
37	Excess Post-Exercise Oxygen Consumption and Substrate Oxidation Following High-Intensity Interval Training: Effects of Recovery Manipulation.. <i>International Journal of Exercise Science</i> , 2021 , 14, 1151-1165	1.3	
36	Association Among Different Aerobic Threshold Markers and FATmax in Men With Obesity.. <i>Research Quarterly for Exercise and Sport</i> , 2022 , 1-8	1.9	o
35	Clinician approach to cardiopulmonary exercise testing for exercise prescription in patients at risk of and with cardiovascular disease. <i>British Journal of Sports Medicine</i> , bjsports-2021-105261	10.3	o
34	Efficacy and Safety of a Combined Aerobic, Strength and Flexibility Exercise Training Program in Patients with Implantable Cardiac Devices. <i>Journal of Cardiovascular Development and Disease</i> , 2022 , 9, 182	4.2	o
33	Does the Achilles Tendon Influence Foot Strike Patterns During an Exhaustive Run?. <i>Journal of Applied Biomechanics</i> , 2022 , 1-8	1.2	
32	Interobserver and intraobserver reliabilities of determining the ventilatory thresholds in subjects with a lower limb amputation and able-bodied subjects during a peak exercise test on the combined arm-leg (Cruiser) ergometer. <i>International Journal of Rehabilitation Research</i> , Publish Ahead of Print	1.8	
31	Influence of 5-Week Snack Supplementation with the Addition of Gelatin Hydrolysates from Carp Skins on Pro-Oxidative and Antioxidant Balance Disturbances (TOS, TAS) in a Group of Athletes. <i>Antioxidants</i> , 2022 , 11, 1314	7.1	
30	Effects of Different Durations at Fixed Intensity Exercise on Internal Load and Recovery: A Feasibility Pilot Study on Duration as an Independent Variable for Exercise Prescription. <i>Journal of Functional Morphology and Kinesiology</i> , 2022 , 7, 54	2.4	o
29	New Notes on the Cardiorespiratory Capacity of Dancers. <i>International Journal of Art Culture and Design Technologies</i> , 2022 , 11, 1-11	0.5	
28	Preliminary study of thermal density distribution and entropy analysis during cycling exercise stress test using infrared thermography. 2022 , 12,		
27	Effect of the execution order from concurrent exercise session on blood pressure responses in hypertensive older men. 2022 , 28,		o
26	Fitter Fontans for future: Impact of physical exercise on cardiopulmonary function in Fontan patients. 9,		o
25	A hydraulic model outperforms work-balance models for predicting recovery kinetics from intermittent exercise.		o
24	Effects of bilateral dorsolateral prefrontal cortex high-definition transcranial direct-current stimulation on time-trial performance in cyclists with type 1 diabetes mellitus. 2022 , 15, 1292-1299		o
23	PUNTO BTIMO CARDIORRESPIRATORIO, COMPOSICION CORPORAL Y MEDIDAS BIOQUMICAS: UN ESTUDIO CON GEMELOS. 2022 , 22, 507-522		o
22	Respiratory threshold as a new threshold determination method based on respiratory responses and its success to indicate critical power.		o
21	Muscle Oxygenation Measured with Near-Infrared Spectroscopy Following Different Intermittent Training Protocols in a World-Class Kayaker: A Case Study. 2022 , 22, 8238		o

20	Validation of a non-linear index of heart rate variability to determine aerobic and anaerobic thresholds during incremental cycling exercise in women.	3
19	Modeling Physiological Predictors of Running Velocity for Endurance Athletes. 2022 , 11, 6688	1
18	Fractal correlation properties of HRV as a noninvasive biomarker to assess the physiological status of triathletes during simulated warm-up sessions at low exercise intensity: a pilot study. 2022 , 14,	0
17	The effect of acute heat exposure on the determination of exercise thresholds from ramp and step incremental exercise.	0
16	A Human Model of the Effects of an Instant Sheer Weight Loss on Cardiopulmonary Parameters during a Treadmill Run. 2023 , 12, 98	0
15	Exploiting sensor data in professional road cycling: personalized data-driven approach for frequent fitness monitoring.	0
14	Post-Acute Sequelae of COVID-19: The Potential Role of Exercise Therapy in Treating Patients and Athletes Returning to Play. 2023 , 12, 288	0
13	Factors Determining the Agreement between Aerobic Threshold and Point of Maximal Fat Oxidation: Follow-Up on a Systematic Review and Meta-Analysis on Association. 2023 , 20, 453	0
12	Does Exercise Modality Matter Affectively? Contrasting Type and Sequence of Moderate-Intensity Continuous Training Versus High-Intensity Interval Training in a Randomized Within-Subject Study. 84-97	0
11	Identifying the Optimal Arm Priming Exercise Intensity to Improve Maximal Leg Sprint Cycling Performance. 58-67	0
10	Spiroergometrie zur Trainingssteuerung in der kardiologischen Rehabilitation.	0
9	Relationship between sweat lactate secretion rate and blood lactate concentration during exercise near the lactate threshold. 2023 , 181,	0
8	Sequencing patterns of ventilatory indices in less trained adults. 4,	0
7	Improved Estimation of Exercise Intensity Thresholds by Combining Dual Non-Invasive Biomarker Concepts: Correlation Properties of Heart Rate Variability and Respiratory Frequency. 2023 , 23, 1973	0
6	Influence of Recovery Mode on the Maximum Number of Intervals Until Exhaustion During an Aerobic Interval Training Session. 2023 , Publish Ahead of Print,	0
5	The assessment of affective responses within exercise prescription: A narrative review.	0
4	Body Loading during an Intensive Yoga Exercise Routine and a Cycle Ergometer Test. 2023 , 20, 4157	0
3	Maximum Heart Rate- and Lactate Threshold-Based Low-Volume High-Intensity Interval Training Prescriptions Provide Similar Health Benefits in Metabolic Syndrome Patients. 2023 , 11, 711	0

- 2 Effects of marathon training on heart rate variability during submaximal running: a comparison of analysis techniques. ○
- 1 The role of frailty in advanced HF and cardiac transplantation. 10, ○