## CITATION REPORT List of articles citing

Anaerobic threshold and respiratory gas exchange during exercise

DOI: 10.1152/jappl.1973.35.2.236 Journal of Applied Physiology, 1973, 35, 236-43.

**Source:** https://exaly.com/paper-pdf/11585115/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
1580	Cardiovascular Disorders and Diving. <b>1973</b> , 485-506		
1579	The acute effects of food intake on energy expenditure during cycle ergometry. <b>1974</b> , 27, 254-9		65
1578	Respiratory responses to intermittent and prolonged exercise in a hot-dry environment. <b>1974</b> , 14, 187-9	98	1
1577	New tests to assess lung function. Exercise testing in pulmonary evaluation: rationale, methods and the normal respiratory response to exercise. <b>1975</b> , 293, 541-4		28
1576	Comparison of Grade-Incremented versus Speed-Incremented Maximal Exercise Tests in Trained Men. <i>British Journal of Sports Medicine</i> , <b>1975</b> , 9, 191-195	10.3	1
1575	Anaerobic threshold and maximal aerobic power for three modes of exercise. <i>Journal of Applied Physiology</i> , <b>1976</b> , 41, 544-50	3.7	361
1574	Evaluation of physical performance by rectangular-triangular bicycle ergometry and computer-assisted ergospirometry. <b>1976</b> , 71, 482-503		5
1573	Testing regulation of ventilation with exercise. <i>Chest</i> , <b>1976</b> , 70, 173-8	5.3	29
1572	Min-By-Min Respiratory Exchange and Oxygen Uptake Kinetics during Steady-State Exercise in Subjects of High and Low Max VO2. <b>1976</b> , 47, 490-498		3
1571	Ventilatory and gas exchange dynamics in response to sinusoidal work. <i>Journal of Applied Physiology</i> , <b>1977</b> , 42, 300-1	3.7	148
1570	Energetics for activity in the salamanderAmphiuma tridactylum. <b>1978</b> , 128, 139-146		14
1569	The response of oxygen consumption, body temperature, blood substrates and serum enzymes to intermittent heavy work performed over twenty-four hours. <b>1978</b> , 39, 145-54		5
1568	Validity of the relative percent concept for equating training intensity. <b>1978</b> , 39, 219-27		138
1567	Breathing during exercise. <b>1978</b> , 298, 780-5		136
1566	Biochemical and physiologic consequences of carnitine palmityltransferase deficiency. <b>1978</b> , 1, 103-10		48
1565	Active Vs. Passive Recovery from Short-Term Supramaximal Exercise. <b>1978</b> , 49, 153-161		1
1564	Anaerobic Threshold and Cardiovascular Responses during One- versus Two-Legged Cycling. <b>1978</b> , 49, 351-362		5

1563	Onset of Metabolic Acidosis (Anaerobic Threshold) as a Criterion Measure of Submaximum Fitness. <b>1978</b> , 49, 218-227	7
1562	Tenets of the Exercise Hyperpnea and Their Degree of Corroboration. <i>Chest</i> , <b>1978</b> , 73, 274-277 5.3	9
1561	Ventilatory Response to Muscular Exercise. <b>1978</b> , 31-68	6
1560	Acute Exposure of College Basketball Players to Moderate Altitude: Selected Physiological Responses. <b>1979</b> , 50, 668-678	3
1559	Energy expenditure and work stress of divers performing a variety of underwater work tasks. <b>1979</b> , 22, 345-56	
1558	Interrelationships of respiratory variables of coal miners during work. <b>1979</b> , 22, 1097-1104	1
1557	Bicycle ergometry and gas exchange measurements in neuromuscular diseases. <b>1979</b> , 36, 457-61	38
1556	Blood lactate concentrations during incremental work before and after maximum exercise. <i>British Journal of Sports Medicine</i> , <b>1979</b> , 13, 165-9	17
1555	[Use of blood gas analysis for the evaluation of long-term physical efficiency in lumbermen (author's transl)]. <b>1979</b> , 44, 45-53	1
1554	Input design for model discrimination: application to respiratory control during exercise. <b>1979</b> , 26, 579-85	11
1553	The significance of the aerobic-anaerobic transition for the determination of work load intensities during endurance training. <b>1979</b> , 42, 25-34	416
1552	The effect of beta-adrenoceptor blockade on factors affecting exercise tolerance in normal man. <b>1979</b> , 8, 143-8	89
1551	Fasting as a provocative test in neuromuscular diseases. <b>1979</b> , 28, 683-7	17
1550	Estimation of oxygen consumption from pulmonary ventilation during exercise. <b>1979</b> , 21, 417-21	6
1549	Limitation of work performance in normal adult males in the presence of beta-adrenergic blockade. <b>1979</b> , 9, 515-20	43
1548	The relation of ventilation to metabolic rate during moderate exercise in man. 1980, 44, 97-108	36
1547	Anaerobic threshold, skeletal muscle enzymes and fiber composition in young female cross-country skiers. <b>1980</b> , 108, 263-8	106
1546	Right and left ventricular exercise performance in chronic obstructive pulmonary disease: radionuclide assessment. <b>1980</b> , 93, 234-9	120

1545 Identification of ventilatory dynamics using pseudorandom binary sequences. **1980**, 2, 20-24

1544	The relation between performance in throwing task and work-induced activation. <b>1980</b> , 23, 1147-9	5
1543	The transition from aerobic to anaerobic metabolism. <b>1980</b> , 51, 234-48	290
1542	FATIGUE AS AN UNWANTED EFFECT OF DRUGS. <b>1980</b> , 315, 1285-1286	
1541	Accelerated respiratory response to moderate exercise in late pregnancy. <b>1981</b> , 45, 229-41	28
1540	Energetics of muscular exercise. <b>1981</b> , 89, 143-222	267
1539	Critical power as a measure of physical work capacity and anaerobic threshold. <b>1981</b> , 24, 339-50	434
1538	Anaerobic threshold determination by blood lactate and myoelectric signals. <b>1981</b> , 31, 585-97	58
1537	Exercise performance in chronic obstructive pulmonary diseases. <b>1981</b> , 65, 525-47	32
1536	Breathing pattern during exercise in runners. <b>1981</b> , 13, 287-99	
1535	Advances in selected areas of human work physiology. <b>1981</b> , 24, 1-36	15
1534	The validity of anaerobic threshold determination by a Douglas bag method compared with arterial blood lactate concentration. <b>1981</b> , 46, 423-30	43
1533	Oxygen deficit during incremental exercise. <b>1981</b> , 47, 133-40	4
1532	The anaerobic threshold as determined before and during lactic acidosis. <b>1981</b> , 47, 141-9	38
1531	Critical analysis of the "anaerobic threshold" during exercise at constant workloads. <b>1981</b> , 46, 367-77	22
1530	Ratings of perceived exertion at the anaerobic threshold. <b>1981</b> , 24, 295-300	78
1529	Effect of oral propranolol on the anerobic threshold and maximum exercise performance in normal man. <b>1981</b> , 59, 567-73	26
1528	Oxygen utilization and ventilation during exercise in patients with chronic cardiac failure. <b>1982</b> , 65, 1213-23	778

1527	The effectiveness of a training programme upon maximum aerobic power. <i>British Journal of Sports Medicine</i> , <b>1982</b> , 16, 146-8	10.3	
1526	Investigation of circadian rhythms in metabolic responses to exercise. <b>1982</b> , 25, 1093-107		84
1525	Dyspnea on Exertion. <b>1982</b> , 248, 2039		57
1524	The role of spinal cord transmission in the ventilatory response to electrically induced exercise in the anaesthetized dog. <b>1982</b> , 329, 37-55		31
1523	Augmentation of exercise ventilation by medroxyprogesterone acetate. <b>1982</b> , 2, 269-76		4
1522	Ventilatory patterns during steady state and progressive exercise. <b>1982</b> , 2, 391-400		3
1521	Delayed kinetics of respiratory gas exchange in the transition from prior exercise. <i>Journal of Applied Physiology</i> , <b>1982</b> , 52, 921-9	3.7	117
1520	Effect of acid-base status on the kinetics of the ventilatory response to moderate exercise. <i>Journal of Applied Physiology</i> , <b>1982</b> , 52, 1013-7	3.7	39
1519	Endurance training regimen based upon arterial blood lactate: effects on anaerobic threshold. <b>1982</b> , 49, 223-30		76
1518	Relationships of the anaerobic threshold with the 5 km, 10 km, and 10 mile races. <b>1982</b> , 49, 13-23		105
1517	Ventilatory threshold during treadmill exercise in kindergarten children. 1982, 50, 79-85		12
1516	Arterial versus venous blood lactate increase in the forearm during incremental bicycle exercise. <b>1982</b> , 50, 87-93		28
1515	Cardiac frequency and anaerobic threshold. <b>1982</b> , 50, 117-123		3
1514	Pulse injection, 13C tracer studies of lactate metabolism in humans during rest and two levels of exercise. <b>1982</b> , 9, 310-4		21
1513	Some technical, physiological and anthropometrical aspects of speed skating. <b>1983</b> , 50, 343-54		47
1512	Anaerobic threshold and lactate turnpoint. <b>1983</b> , 50, 383-92		59
1511	Relationships of anaerobic threshold and onset of blood lactate accumulation with endurance performance. <b>1983</b> , 52, 51-6		57
1510	Effect of single and repeated exercise on the anaerobic threshold. <b>1983</b> , 96, 1199-1202		

1509	Optimal frequency locations for estimating model parameters in studies on respiratory control. <b>1983</b> , 16, 531-6		11
1508	Serological evidence of endemic Zinga virus and Rift Valley Fever virus in Central African Republic. <b>1983</b> , 1, 1338		4
1507	Production of human monoclonal antibodies against asexual erythrocytic stages of Plasmodium falciparum. <b>1983</b> , 1, 1337-8		6
1506	Exercise and the anaerobic threshold. <b>1983</b> , 1, 1338-9		1
1505	Respiratory gas analysis during exercise as a noninvasive measure of lactate concentration in chronic congestive heart failure. <b>1983</b> , 51, 1639-43		29
1504	Ventilatory Threshold, Running Economy and Distance Running Performance of Trained Athletes. <b>1983</b> , 54, 179-182		50
1503	Some physiological demands of a half-marathon race on recreational runners. <i>British Journal of Sports Medicine</i> , <b>1983</b> , 17, 152-61	10.3	54
1502	VO2 max and training indices as determinants of competitive running performance. <b>1983</b> , 1, 13-22		50
1501	Determination of anaerobic threshold for assessment of functional state in patients with chronic heart failure. <b>1983</b> , 68, 360-7		166
1500	Influence of time of day on reactions to cycling at a fixed high intensity. <i>British Journal of Sports Medicine</i> , <b>1983</b> , 17, 128-30	10.3	41
1499	Distinguishing cardiac versus pulmonary limitation in exercise performance. <i>Chest</i> , <b>1983</b> , 83, 441-2	5.3	8
1498	Adolescent Smoking and its Effect on Aerobic Exercise Tolerance. <b>1983</b> , 11, 108-19		3
1497	Contrasting cardiovascular and respiratory responses to exercise in mitral valve and chronic obstructive pulmonary diseases. <i>Chest</i> , <b>1983</b> , 83, 446-53	5.3	96
1496	Effect of acetazolamide on normoxic and hypoxic exercise in humans at sea level. <i>Journal of Applied Physiology</i> , <b>1983</b> , 55, 1772-6	3.7	38
1495	Ventilatory thresholds during short- and long-term exercise. <i>Journal of Applied Physiology</i> , <b>1983</b> , 55, 16	9 <b>47</b> 00	31
1494	Misconceptions and missed perceptions of the anaerobic threshold. <i>Journal of Applied Physiology</i> , <b>1983</b> , 54, 853-4	3.7	4
1493	Aerobic parameters of exercise as a function of body size during growth in children. <i>Journal of Applied Physiology</i> , <b>1984</b> , 56, 628-34	3.7	301
1492	Plasma catecholamines and their effect on blood lactate and muscle lactate output. <i>Journal of Applied Physiology</i> , <b>1984</b> , 57, 321-5	3.7	50

1491	Pulmonary Exercise Testing. 1984, 2, 455-465	1
1490	Plasma osmolality, volume, and renin activity at the "anaerobic threshold". <i>Journal of Applied Physiology</i> , <b>1984</b> , 56, 57-63	25
1489	The anaerobic threshold measurement to evaluate exercise performance. <b>1984</b> , 129, S35-40	276
1488	Mechanical and Physiological Evaluation of Exercise Performance in Elite National Rowers. <b>1984</b> , 252, 496	18
1487	Reliability of assessments of ventilatory thresholds. <b>1984</b> , 2, 13-24	28
1486	Personality and self-motivation during biochemical fatigue. <b>1984</b> , 10, 146-50	2
1485	The effect of acute thermal dehydration on blood lactate accumulation during incremental exercise. <b>1984</b> , 2, 105-111	5
1484	Gas exchange response to exercise in children. <b>1984</b> , 129, S47-8	102
1483	Exercise testing in the evaluation of the patient with chronic cardiac failure. <b>1984</b> , 129, S60-2	64
1482	Effect of exercise duration during incremental exercise on the determination of anaerobic threshold and the onset of blood lactate accumulation. <b>1984</b> , 53, 196-9	56
1481	Dissociation between VO2max and ventilatory threshold responses to endurance training. <b>1984</b> , 53, 242-7	19
1480	Reproducibility of aerobic and anaerobic thresholds in 20-50 year old men. <b>1984</b> , 53, 260-6	105
1479	Precision of ventilatory and gas exchange alterations as a predictor of the anaerobic threshold. <b>1984</b> , 52, 173-7	33
1478	Reduction of isometric muscle endurance after wearing impermeable gas protective clothing. <b>1984</b> , 53, 76-80	10
1477	Changes in erythrocyte carbonic anhydrase activity due to physical exercise. <b>1984</b> , 52, 249-54	6
1476	Effects of previous exercise on the ventilatory determination of the aerobic threshold. <b>1984</b> , 52, 315-9	3
1475	Cardiorespiratory effects of respiratory protective devices during exercise in well-trained men. <b>1984</b> , 52, 340-5	39
1474	Increasing cardiac rate by tracking the respiratory rate. <b>1984</b> , 7, 1246-56	48

1473	Exercise and sports equipment: some ergonomics aspects. <b>1984</b> , 15, 259-79		16
1472	Predicting oxygen uptake from treadmill testing in normal subjects and coronary artery disease patients. <b>1984</b> , 108, 1454-60		49
1471	Applied physiology of cycling. <i>Sports Medicine</i> , <b>1984</b> , 1, 187-204	10.6	15
1470	Adaptation to maximal effort: genetics vs. environment. A case history. <b>1984</b> , 33, 565-70		1
1469	Amrinone therapy in patients with heart failure. Lack of improvement in functional capacity and left ventricular function at rest and during exercise. <i>Chest</i> , <b>1984</b> , 86, 394-400	5.3	4
1468	Normal values for pulmonary gas exchange during exercise. <b>1984</b> , 129, S44-6		16
1467	Diuretic Therapy, Physical Performance, and Neuromuscular Function. <b>1984</b> , 12, 73-85		9
1466	Effect of a 6,400-Km Run on a 60-Year-Old Man. <b>1984</b> , 12, 53-61		5
1465	The reproducibility of hemodynamic, electrocardiographic, and gas exchange data during treadmill exercise in patients with stable angina pectoris. <i>Chest</i> , <b>1984</b> , 86, 375-82	5.3	75
1464	Alterations in the oxygen deficit-oxygen debt relationships with beta-adrenergic receptor blockade in man. <b>1984</b> , 349, 375-87		50
1463	Anaerobic Threshold of Anuran Amphibians. <b>1984</b> , 57, 641-647		19
1462	The measurement of breathlessness induced in normal subjects: validity of two scaling techniques. <b>1985</b> , 69, 7-16		190
1461	The Physiology of Marathon Running. <b>1985</b> , 13, 84-97		4
1460	A Comprehensive Preseason Fitness Evaluation for Professional Baseball Players. <b>1985</b> , 13, 63-74		5
1459	Ventilatory response during incremental exercise tests in weight lifters and endurance cyclists. <b>1985</b> , 53, 322-9		
1458	Ventilatory anaerobic threshold in healthy children. Age and sex differences. <b>1985</b> , 54, 278-84		77
1457	The effect of corrective surgery on energy expenditure during ambulation in children with cerebral palsy. <b>1985</b> , 54, 67-70		31
1456	Effects of training at and above the lactate threshold on the lactate threshold and maximal oxygen uptake. <b>1985</b> , 54, 84-8		69

## (1986-1985)

1455	The relationship between lactate and ventilatory thresholds: coincidental or cause and effect?. <b>1985</b> , 54, 104-8		42
1454	The increase of perceived exertion, aches and pain in the legs, heart rate and blood lactate during exercise on a bicycle ergometer. <b>1985</b> , 54, 343-9		277
1453	Noninvasive detection of the anaerobic threshold during computer-controlled exercise testing. <b>1985</b> , 23, 579-84		1
1452	Electromyographic activity related to aerobic and anaerobic threshold in ergometer bicycling. <b>1985</b> , 124, 287-93		75
1451	Effects of catecholamines on lactic acid output during progressive working contractions. <i>Journal of Applied Physiology</i> , <b>1985</b> , 59, 1809-14	3.7	55
1450	Normal cardiopulmonary responses to acute- and chronic-strengthening and endurance exercises. <b>1985</b> , 65, 1828-31		5
1449	The ability of a submaximal exercise test to predict maximal exercise capacity in patients with heart failure. <b>1985</b> , 6, 829-33		20
1448	Ventilation threshold and aging. <b>1985</b> , 40, 703-7		32
1447	The effects of prior exercise on the lactate and ventilatory thresholds. <b>1985</b> , 3, 189-95		4
1446	Respiratory gas exchange in the assessment of patients with impaired ventricular function. <b>1985</b> , 54, 321-8		112
1445	Does exercise alter anaerobic threshold in coronary artery disease during beta blockade?. <i>British Journal of Sports Medicine</i> , <b>1985</b> , 19, 107-11	10.3	2
1444	Onset of Hyperventilation During Incremental Exercise: A Brief Review. <b>1985</b> , 56, 352-360		3
1443	Beta 1-selective and non-selective beta-adrenoceptor blockade, anaerobic threshold and respiratory gas exchange during exercise. <b>1985</b> , 19, 13-20		9
1442	Respiration-dependent ventricular pacing compared with fixed ventricular and atrial-ventricular synchronous pacing: aerobic and hemodynamic variables. <b>1985</b> , 6, 646-52		51
1441	Applied physiology of marathon running. Sports Medicine, 1985, 2, 83-99	10.6	181
1440	The influence of exercise training on the ventilatory threshold of patients with coronary heart disease. <b>1985</b> , 109, 458-63		17
1439	Use of the anaerobic threshold for evaluating various total artificial heart control algorithms in calves. <b>1985</b> , 9, 279-83		6
1438	Exercise testing after correction of tetralogy of Fallot: the fallacy of a reduced heart rate response. <b>1986</b> , 112, 998-1003		52

1437	Attenuation of exercise training effects in patients taking beta blockers during early cardiac rehabilitation. <b>1986</b> , 112, 1016-25		11
1436	Exercise capacity in the elderly. <b>1986</b> , 57, 52C-58C		41
1435	Effect of dietary modifications on anaerobic threshold. Sports Medicine, 1986, 3, 4-9	10.6	13
1434	Blood lactate. Implications for training and sports performance. <i>Sports Medicine</i> , <b>1986</b> , 3, 10-25	10.6	183
1433	Lactatînie et exercice musculaire. Signification et analyse critique du concept de âleuil afobie-anafobieâ (1986, 1, 1-23)		13
1432	Etude de l'volution de la valeur prdictive du seuil anafobie sur la performance en fonction de l'ge. <b>1986</b> , 1, 25-35		
1431	Exercise in end-stage renal disease. <b>1986</b> , 7, 386-94		38
1430	Influence de l'exposition au froid sur le seuil anafobie. <b>1986</b> , 1, 201-207		2
1429	Respiratory Control During Exercise. <b>1986</b> , 595-619		20
1428	The influence of short-term endurance training on maximum oxygen uptake, submaximum endurance and the ability to perform brief, maximal exercise. <b>1986</b> , 4, 109-16		15
1427	Plasma lactate and ventilation thresholds in trained and untrained cyclists. <i>Journal of Applied Physiology</i> , <b>1986</b> , 60, 777-81	3.7	65
1426	Independence of exercise hyperpnea and acidosis during high-intensity exercise in ponies. <i>Journal of Applied Physiology</i> , <b>1986</b> , 60, 1016-24	3.7	27
1425	Exercise testing in radiologically-limited, simple pulmonary silicosis. <i>Chest</i> , <b>1986</b> , 90, 411-5	5.3	7
1424	The effect of nifedipine on cardiopulmonary responses during exercise in normal subjects. <i>Chest</i> , <b>1986</b> , 89, 641-6	5.3	10
1423	The measurement of breathlessness induced in normal subjects: individual differences. <b>1986</b> , 70, 131-40	0	39
1422	Effects of industrial respirators on breathing pattern at different work levels. <b>1986</b> , 55, 142-6		6
1421	Muscle metabolism, blood lactate and oxygen uptake in steady state exercise at aerobic and anaerobic thresholds. <b>1986</b> , 55, 181-6		38
1420	The influence of weekly training distance on fractional utilization of maximum aerobic capacity in marathon and ultramarathon runners. <b>1986</b> , 55, 202-9		92

1419	Mechanical efficiency in rowing. <b>1986</b> , 55, 471-5		26
1418	Predicting running velocity at blood lactate threshold from running performance tests in adolescent boys. <b>1986</b> , 55, 344-8		8
1417	Use of maximal bicycle exercise testing with respiratory gas analysis to assess exercise performance in patients with congestive heart failure secondary to coronary artery disease or to idiopathic dilated cardiomyopathy. <b>1986</b> , 58, 601-6		58
1416	Ventilatory anaerobic threshold for evaluating exercise performance in children with congenital left-to-right intracardiac shunt. <b>1986</b> , 7, 19-24		30
1415	Effect of work intensity on performance in a psychomotor task during exercise. <b>1986</b> , 29, 601-6		56
1414	Effects of fatigue on ability to process visual information by experienced orienteers. <b>1986</b> , 62, 491-8		49
1413	Breathing During Exercise. <b>1986</b> , 605-629		11
1412	Physiological and Anthropometrical Predictors of 15-Kilometer Time Trial Cycling Performance Time. <b>1987</b> , 58, 250-254		8
1411	Measurement of effective pulmonary blood flow by soluble gas uptake in patients with chronic airflow obstruction. <b>1987</b> , 42, 604-14		12
1410	Hemodynamically important right ventricular infarction: follow-up evaluation of right ventricular systolic function at rest and during exercise with radionuclide ventriculography and respiratory gas exchange. <b>1987</b> , 75, 996-1003		75
1409	Plasma hypoxanthine and exercise. <b>1987</b> , 136, 98-101		58
1408	Comparison of Exercise Performance on Rowing and Cycle Ergometers. <b>1987</b> , 58, 41-46		10
1407	Cardiorespiratory function during exercise in obese children. <b>1987</b> , 76, 342-8		29
1406	Gas Exchange in Pregnancy. <b>1987</b> , 341-350		1
1405	The contribution of peripheral chemoreceptors to ventilation during heavy exercise. <b>1987</b> , 68, 203-13		21
1404	Bĥfices d'un interval-training chez des insuffisants respiratoires svEes. <b>1987</b> , 2, 31-32		3
1403	Aptitude physique des porteurs du trait drpanocytaire. <b>1987</b> , 2, 269-277		11
1402	Lactate acidosis and the increase in VE/VO2 during incremental exercise. <i>Journal of Applied Physiology</i> , <b>1987</b> , 62, 1551-5	3.7	14

1401	Longitudinal study of ventilation threshold and maximal O2 uptake in athletic boys. <i>Journal of Applied Physiology</i> , <b>1987</b> , 62, 2051-7	33
1400	An Innovative Exercise Method to Simulate Orbital EVA Work: Applications to PLSS Automatic Controls. <b>1987</b> ,	2
1399	Breathing pattern during maximal exercise and during submaximal exercise with hypercapnia. <i>Journal of Applied Physiology</i> , <b>1987</b> , 63, 238-44	62
1398	Exercise and the Failing Heart. <b>1987</b> , 5, 171-181	14
1397	Metabolic response of endurance athletes to training with added load. 1987, 56, 412-8	20
1396	Skin blood flow during incremental exercise in a thermoneutral and a hot dry environment. <b>1987</b> , 56, 273-80	17
1395	Gas exchange parameters, muscle blood flow and electromechanical properties of the plantar flexors. <b>1987</b> , 56, 30-7	31
1394	Sympathomimetics and exercise enhancement: all in the mind?. <b>1987</b> , 28, 361-5	15
1393	Effect of propranolol and verapamil on oxygen utilization, acidosis and fatigue during exercise in stable angina pectoris. <b>1987</b> , 60, 249-55	4
1392	Comparison of the effects of pindolol and propranolol on exercise performance in patients with angina pectoris. <b>1987</b> , 59, 1289-94	6
1391	Relation of blood pressure during exercise to anaerobic metabolism. <b>1987</b> , 59, 1342-4	9
1390	Mechanical work and efficiency in ergometer bicycling at aerobic and anaerobic thresholds. <b>1987</b> , 131, 331-7	29
1389	Using smoothing splines to make inferences about the shape of gas-exchange curves. 1988, 21, 16-26	9
1388	Working capacity is increased following recombinant human erythropoietin treatment. <b>1988</b> , 34, 525-8	114
1387	Physiological sensitivity of respiratory-dependent cardiac pacing: four-year follow-up. <b>1988</b> , 11, 1267-78	12
1386	Respiratory-dependent atrial pacing, management of sinus node disease. <b>1988</b> , 11, 1853-9	20
1385	Muscle metabolic profile and oxygen transport capacity as determinants of aerobic and anaerobic thresholds. <b>1988</b> , 57, 726-34	15
1384	Comparison of two methods for aerobic threshold determination. <b>1988</b> , 57, 420-4	14

1383	Acute altitude exposure and altered acid-base states. I. Effects on the exercise ventilation and blood lactate responses. <b>1988</b> , 57, 435-44	15
1382	Ventilatory and occlusion-pressure responses to exercise in trained and untrained children. <b>1988</b> , 57, 591-6	1
1381	Changes in respiration in the transition from heavy exercise to rest. <b>1988</b> , 57, 606-10	12
1380	Cardiorespiratory exercise testing after venous switch operation in children with complete transposition of the great arteries. <b>1988</b> , 61, 861-5	21
1379	The ventilatory threshold: quantitative analysis of reproducibility and relation to arterial lactate concentration in normal subjects and in patients with chronic congestive heart failure. <b>1988</b> , 62, 100-7	95
1378	Value of New York Heart Association classification, radionuclide ventriculography, and cardiopulmonary exercise tests for selection of patients for congestive heart failure studies. <b>1988</b> , 116, 1475-82	48
1377	Evidence that maturation of the peripheral chemoreceptors is not complete in childhood. <b>1988</b> , 74, 55-64	38
1376	Normal aerobic and anaerobic exercise data for North American school-age children. <b>1988</b> , 112, 223-33	130
1375	Possible mechanisms of the anaerobic threshold. A review. <i>Sports Medicine</i> , <b>1988</b> , 5, 269-302	45
1374	Tennis et aptitude afobie chez la femme: tude en fonction de l'ge. <b>1988</b> , 3, 181-186	1
1373	Indirect estimation of maximal oxygen uptake for study of working populations. 1988, 45, 532-7	5
1372	The acute effect of an oral "inotropic" placebo on the exercise capacity of patients with chronic cardiac failure. <i>Chest</i> , <b>1988</b> , 94, 262-6	4
1371	Cardiorespiratory response to exercise after the Fontan procedure for tricuspid atresia. <b>1988</b> , 24, 1-5	43
1370	Lactate and gas exchange responses to incremental and steady state running. <i>British Journal of Sports Medicine</i> , <b>1988</b> , 22, 51-4	35
1369	Extrapolated maximal oxygen consumption: a new method for the objective analysis of respiratory gas exchange during exercise. <b>1988</b> , 59, 212-7	21
1368	Assessment of work capacity in patients with ischaemic heart disease: methods and practices. <b>1988</b> , 9 Suppl L, 67-73	10
1367	Assessment of exercise intensity formulas by use of ventilatory threshold. <i>Chest</i> , <b>1988</b> , 94, 95-8 5.3	63
1366	Anaerobic threshold: reproducibility out from ventilatory parameter estimation. <b>1989</b> , 55, 50-5	1

1365	Blood glucose turnover during high- and low-intensity exercise. <b>1989</b> , 257, E405-12		16
1364	Evaluation of the autonomic nervous system of the heart in male patients with mitral valve prolapse syndrome using respiratory sinus arrhythmia and dynamic exercise. <b>1989</b> , 76, 433-41		7
1363	Effect of beta-adrenergic blockade on response to exercise in sedentary and active subjects.  Journal of Applied Physiology, <b>1989</b> , 67, 103-9	3.7	5
1362	Oxidation/reduction state of cytochrome oxidase during repetitive contractions. <i>Journal of Applied Physiology</i> , <b>1989</b> , 67, 2158-62	3.7	37
1361	Threshold for muscle lactate accumulation during progressive exercise. <i>Journal of Applied Physiology</i> , <b>1989</b> , 66, 2710-6	3.7	60
1360	The anaerobic index: uses and limitations in the assessment of heart failure. <b>1989</b> , 76, 357-67		Ο
1359	Influence of plasma catecholamines on the lactate threshold during graded exercise. <i>Journal of Applied Physiology</i> , <b>1989</b> , 67, 1319-22	3.7	169
1358	A new exercise test for the assessment of heart failure: use of a self powered treadmill. <b>1989</b> , 61, 421-5		11
1357	Cardiopulmonary response to dynamic exercise after heart and combined heart-lung transplantation. <b>1989</b> , 61, 215-23		55
1356	Comparison of physical and physiological characteristics in elite young and mature cyclists. <b>1989</b> , 60, 388-95		14
1355	Differences in training responses on cycle and rowing Ergometers in collegiate women rowers. <b>1989</b> , 1, 197-201		
1354	Relationship between the 4 mmol running velocity, the time-distance relationship and the Lger-Boucher's test. <b>1989</b> , 97, 355-60		19
1353	Aerobic fitness and running performance of male and female recreational runners. <b>1989</b> , 7, 9-20		11
1352	Single-chamber cardiac pacing with two forms of respiration-controlled rate-responsive pacemaker. <i>Chest</i> , <b>1989</b> , 95, 352-8	5.3	14
1351	Effect of hypoxia on ventilatory control during exercise in children and adults. <b>1989</b> , 25, 285-90		22
1350	Anaerobic threshold, muscle volume and hypoxia. <b>1989</b> , 58, 826-32		4
1349	Interrelationship between pH, plasma potassium concentration and ventilation during intense continuous exercise in man. <b>1989</b> , 59, 256-61		10
1348	Blood lactate responses in incremental exercise as predictors of constant load performance. <b>1989</b> , 59, 262-7		25

1347	The relationship between the ventilation and lactate thresholds following normal, low and high carbohydrate diets. <b>1989</b> , 58, 568-76		23
1346	Influence of cold exposure on blood lactate response during incremental exercise. <b>1989</b> , 58, 411-8		27
1345	Cardiorespiratory response to exercise in congenital complete atrioventricular block. <b>1989</b> , 64, 896-9		20
1344	Application of the general linear model for smoothing gas exchange data. <b>1989</b> , 22, 270-81		9
1343	Anaerobic threshold. <b>1989</b> , 19, 1-6		2
1342	The use of the ventilatory anaerobic threshold for the development of exercise guidelines. <b>1989</b> , 19, 307-17		2
1341	Gas exchange during exercise in obese children. <b>1989</b> , 148, 614-7		50
1340	Reliability of minute ventilation as a parameter for rate responsive pacing. <b>1989</b> , 12, 321-30		36
1339	Extraction ventilatoire de l'oxygüe au repos et consommation maximale d'oxygüe. <b>1989</b> , 4, 129-135		1
1338	Usefulness of anaerobic threshold in estimating intensity of exercise for diabetics. <b>1989</b> , 6, 303-9		19
1337	Aptitude physique afobie et vieillissement. <b>1989</b> , 4, 185-191		5
1336	A review of blood lactate and ventilatory methods of detecting transition thresholds. <i>Sports Medicine</i> , <b>1989</b> , 8, 43-55	10.6	60
1335	Relationship between aerobic physical fitness and ventilatory control during exercise in young swimmers. <b>1989</b> , 78, 345-56		5
1334	Exercise-related changes in serum catecholamines and potassium: effect of sustained exercise above and below lactate threshold. <b>1989</b> , 117, 1070-5		32
1333	Determination of the intensity dimension in vigorous exercise programmes with particular reference to the use of the rating of perceived exertion. <i>Sports Medicine</i> , <b>1989</b> , 8, 177-89	10.6	37
1332	Physiologic Characteristics and Team Performance of Female High School Runners. <b>1989</b> , 1, 73-79		2
1331	[Aerobic and anaerobic capacity of chronic hemodialysis patients under continuous therapy with recombinant human erythropoietin]. <b>1989</b> , 51 Suppl 1, 34-8		3
1330	Physiologic Comparison of Adolescent Female and Male Cross-Country Runners. <b>1990</b> , 2, 313-321		4

1329	Mechanical work and efficiency in treadmill running at aerobic and anaerobic thresholds. <b>1990</b> , 139, 153-9	15
1328	Assessment of peak oxygen consumption, lactate and ventilatory thresholds and correlation with resting and exercise hemodynamic data in chronic congestive heart failure. <b>1990</b> , 65, 1127-33	77
1327	Effects of verapamil on the anaerobic threshold and peak oxygen consumption in effort angina pectoris. <b>1990</b> , 65, 926-9	
1326	Lactate and glucose electrochemical biosensors for the evaluation of the aerobic and anaerobic threshold in runners. <b>1990</b> , 28, B25-8	39
1325	Blood lactate in trained cyclists during cycle ergometry at critical power. <b>1990</b> , 61, 278-83	77
1324	Effects of L-carnitine administration on VO2max and the aerobic-anaerobic threshold in normoxia and acute hypoxia. <b>1990</b> , 60, 1-6	36
1323	Blood lactate during constant-load exercise at aerobic and anaerobic thresholds. <b>1990</b> , 60, 321-30	23
1322	Effect of beta-adrenergic blockade on VO2 kinetics during pseudorandom binary sequence exercise. <b>1990</b> , 60, 365-9	7
1321	Exercise tolerance after anaemia correction with recombinant human erythropoietin in end-stage renal disease. <b>1990</b> , 4, 623-6	27
1320	Benefits and problems of a physical training programme for asthmatic patients. <b>1990</b> , 45, 345-51	101
1319	Relationship of running economy, ventilatory threshold, and maximal oxygen consumption to running performance in high school females. <b>1990</b> , 61, 369-74	19
1318	The 4 mM blood lactate level as an index of exercise performance in 11-13 year old children. <b>1990</b> , 8, 139-47	17
1317	Intensit`d'entrafiement et aptitude afobie chez le sujet g̃. <b>1990</b> , 5, 137-142	4
1316	Relationship between age-adjusted heart rate and anaerobic threshold in estimating exercise intensity in diabetics. <b>1990</b> , 8, 69-74	14
1315	Influence de l'exposition au froid sur le seuil ventilatoire. <b>1990</b> , 5, 11-16	
1314	Muscle metabolism during fatigue and work. <b>1990</b> , 4, 441-59	13
1313	The ventilatory threshold: method, protocol, and evaluator agreement. <b>1991</b> , 122, 509-16	97
1312	Physical exercise and voluntary hyperventilation in childhood absence epilepsy. <b>1991</b> , 79, 127-32	42

1311	Ventilatory threshold during exercise in patients with mild to moderate chronic heart failure: determination, relation with lactate threshold and reproducibility. <b>1991</b> , 30, 321-7		35
1310	Heart rate recovery from 1 minute of exercise in children and adults. <b>1991</b> , 29, 575-9		44
1309	Growth hormone treatment in growth hormone-deficient adults. II. Effects on exercise performance. <i>Journal of Applied Physiology</i> , <b>1991</b> , 70, 695-700	3.7	297
1308	Relationship between body mass and tolerance to physical stress in obese patients. <b>1991</b> , 58, 311-5		16
1307	Ventilatory compensation for lactacidosis in ponies: role of carotid chemoreceptors and lung afferents. <i>Journal of Applied Physiology</i> , <b>1991</b> , 70, 2619-26	3.7	15
1306	Oxygen uptake dynamics during high-intensity exercise in children and adults. <i>Journal of Applied Physiology</i> , <b>1991</b> , 70, 841-8	3.7	82
1305	Use of perceived exertion in a field setting to indicate exercise intensity at or near the ventilatory threshold. <b>1991</b> , 2, 115-119		1
1304	Impact of integrative cardiopulmonary exercise testing on clinical decision making. <i>Chest</i> , <b>1991</b> , 99, 981	-92;	60
1303	Absence of atrial contraction and exercise in patients with isolated atrial fibrillation. <i>Chest</i> , <b>1991</b> , 100, 1549-52	5.3	3
1302	Multicentre study of the determination of peak oxygen uptake and ventilatory threshold during bicycle exercise in chronic heart failure. Comparison of graphical methods, interobserver variability and influence of the exercise protocol. The VO2 French Study Group. <b>1991</b> , 12, 1055-63		61
1301	Can the Point of Deflection from Linearity of Heart Rate Determine Ventilatory Threshold in Children?. <b>1991</b> , 3, 256-262		9
1300	Assessment of exercise tolerance in chronic congestive heart failure. <b>1991</b> , 67, 36C-40C		18
1299	Improvement in exercise capacity after correction of anemia in patients with end-stage renal failure. <b>1991</b> , 68, 1060-6		63
1298	Comparison of the effects of guanadrel sulfate and propranolol on blood pressure, functional capacity, serum lipoproteins and glucose in systemic hypertension. <b>1991</b> , 67, 590-6		7
1297	The effects of caffeine on graded exercise performance in caffeine naive versus habituated subjects. <b>1991</b> , 62, 424-9		68
1296	The relationship between anaerobic threshold and electromyographic fatigue threshold in college women. <b>1991</b> , 63, 1-5		32
1295	The ventilatory threshold gives maximal lactate steady state. <b>1991</b> , 63, 55-9		47
1294	Ventilatory responses of horses to exercise. <b>1991</b> , 11, 288-293		1

1293	Using time lags in estimating anaerobic threshold. <b>1991</b> , 19, 233-236		2
1292	Exercise performance in very low birth weight children at the age of 7-12 years. <b>1991</b> , 150, 713-6		27
1291	Aging, fitness and muscular performance. <b>1991</b> , 1, 323-336		6
1290	Maturation of ventilatory responses to 1-minute exercise. <b>1991</b> , 29, 362-8		31
1289	Ventilatory response to exercise after intracardiac repair of tetralogy of Fallot. <b>1991</b> , 144, 833-6		16
1288	Relationship between blood lactate and excess CO2 in elite cyclists. <b>1991</b> , 9, 173-81		8
1287	Oxygen supply and utilization relationships. A reevaluation. <b>1991</b> , 143, 675-9		74
1286	Ventilation and blood lactate increase exponentially during incremental exercise. <b>1992</b> , 10, 437-49		43
1285	Sucrose ingestion following exercise: selected cardiovascular, hormonal, renal, and metabolic effects. <b>1992</b> , 11, 719-27		1
1284	New redistribution index of nutritive blood flow to skeletal muscle during dynamic exercise. <b>1992</b> , 85, 1457-63		18
1283	Work capacity and cardiopulmonary adaptation of the obese subject during exercise testing. <i>Chest</i> , <b>1992</b> , 101, 674-9	5.3	64
1282	Aerobic exercise, anaerobic exercise and the lactate threshold. <b>1992</b> , 48, 569-91		52
1281	Autonomic nervous system responses to exercise in relation to ventilatory threshold. <i>Chest</i> , <b>1992</b> , 101, 206S-210S	5.3	43
1280	The Ventilatory Cost of Exercise Compared in Chronic Heart Failure and Chronic Renal Anaemia. <b>1992</b> ,		
1279	Indices for detection of changes in cardiorespiratory fitness during exercise training in man. <b>1992</b> , 77, 65-78		2
1278	Creatine kinase and creatine kinase-MB isoenzyme during and after exercise testing in normal and obese young people. <i>Chest</i> , <b>1992</b> , 102, 1687-9	5.3	18
1277	Energy expenditure, aerodynamics and medical problems in cycling. An update. <i>Sports Medicine</i> , <b>1992</b> , 14, 43-63	10.6	43
1276	Relation entre le seuil d'accumulation du lactate et le seuil de l'inadaptation ventilatoire Îla production de CO2 au cours d'une preuve d'exercice musculaire chez le sportif. <b>1992</b> , 7, 157-162		7

1275	fude physiologique du test de Leger et al. <b>1992</b> , 7, 93-99		1
1274	Ventriculoarterial coupling during exercise in normal human subjects. <b>1992</b> , 36, 177-86		25
1273	Quantitation of chronotropic response: comparison of methods for rate-modulating permanent pacemakers. <b>1992</b> , 20, 1533-41		39
1272	Exercise Physiology: Fundamental Aspects. <b>1992</b> , 37-68		
1271	The physiological control of respiration. <b>1992</b> , 13, 445-567		3
1270	Dynamics of ventilation, circulation, and gas exchange to incremental and decremental ramp exercise. <i>Journal of Applied Physiology</i> , <b>1992</b> , 72, 2244-54	3.7	20
1269	Cardiovascular responses of heart transplant recipients to graded exercise testing. <i>Journal of Applied Physiology</i> , <b>1992</b> , 73, 260-4	3.7	35
1268	Evaluation by cardiopulmonary exercise test of DDDR versus DDD pacing. <b>1992</b> , 15, 1908-13		31
1267	The range of sensors and algorithms used in rate adaptive cardiac pacing. <b>1992</b> , 15, 1177-211		39
1266	Influence of ageing on aerobic parameters determined from a ramp test. <b>1992</b> , 65, 138-43		31
1265	Determination and validity of critical velocity as an index of swimming performance in the competitive swimmer. <b>1992</b> , 64, 153-7		107
1264	Relationship between muscle fatigue and oxygen uptake during cycle ergometer exercise with different ramp slope increments. <b>1992</b> , 65, 335-9		38
1263	Changes in the fibrinolytic system associated with physical conditioning. <b>1992</b> , 65, 388-93		26
1262	Effect of endurance training on excessive CO2 expiration due to lactate production in exercise. <b>1992</b> , 64, 73-7		19
1261	Exercise hyperventilation chronic congestive heart failure, and its relation to functional capacity and hemodynamics. <b>1992</b> , 70, 622-8		163
1260	Effects of acute and chronic ibopamine administration on resting and exercise hemodynamics, plasma catecholamines and functional capacity of patients with chronic congestive heart failure. <b>1992</b> , 70, 629-34		20
1259	Characteristics of peak aerobic capacity in symptomatic and asymptomatic subjects with left ventricular dysfunction. The Studies of Left Ventricular Dysfunction (SOLVD) Investigators. <b>1992</b> , 69, 1207-11		26
1258	Greater diagnostic sensitivity of treadmill versus cycle exercise testing of asymptomatic men with coronary artery disease. <b>1992</b> , 70, 141-6		53

1257	Dynamic control of breathing during exercise and hypercapnia. <b>1992</b> , 30, 51-6		4
1256	Biochemical and physiological parameters and estimated work output in draught horses pulling loads for long periods. <b>1992</b> , 16, 231-46		7
1255	Effects of dichloroacetate on exercise performance in healthy volunteers. <b>1993</b> , 423, 251-4		21
1254	Acute and chronic effects of the dihydropyridine calcium antagonist nisoldipine on the resting and exercise hemodynamics, neurohumoral parameters, and functional capacity of patients with chronic heart failure. <b>1993</b> , 7, 103-10		6
1253	Usefulness of anaerobic threshold for evaluating daily life activity and prescribing exercise to the healthy subjects and patients. <b>1993</b> , 17, 219-25		14
1252	Short-term effects of denopamine on anaerobic threshold and related parameters in patients with chronic heart failure: a double-blind crossover study. <b>1993</b> , 53, 562-9		6
1251	Non-invasive techniques for assessing carbohydrate flux: I. Measurement of depletion by indirect calorimetry. <b>1993</b> , 147, 91-8		20
1250	Stressing the critically ill patient: the cardiopulmonary and metabolic responses to an acute increase in oxygen consumption. <b>1993</b> , 8, 100-8		23
1249	Cardiac function and functional capacity: implications for the failing heart. <b>1993</b> , 18, 705-58		5
1248	Effect of acute sodium bicarbonate ingestion on excess CO2 output during incremental exercise. <b>1993</b> , 66, 536-41		11
1247	Respiratory gas exchange indices used to detect the blood lactate accumulation threshold during an incremental exercise test in young athletes. <b>1993</b> , 66, 31-6		26
1246	Severe hypoxia decreases oxygen uptake relative to intensity during submaximal graded exercise. <b>1993</b> , 67, 7-13		14
1245	Congestive heart failure from left ventricular diastolic dysfunction in systemic hypertension. <b>1993</b> , 71, 308-12		69
1244	Limited value of anaerobic threshold for assessing functional capacity in patients with heart failure. <b>1993</b> , 16, 133-7		21
1243	Gas exchange dynamics with sinusoidal work in young and elderly women. <b>1993</b> , 91, 43-56		30
1242	Intfť d'un rentrafiement afobie individualis'au niveau du seuil ventilatoire chez des sujets gs. <b>1993</b> , 8, 251-259		5
1241	Relationship between the lactate and ventilatory thresholds during prolonged exercise. <i>Sports Medicine</i> , <b>1993</b> , 15, 104-15	10.6	27
1240	Anaerobic threshold in rats. <b>1993</b> , 106, 285-9		51

1239	Les seuils ventilatoires, mthode non invasive d'estimation des seuils lactiques. 1993, 8, 217-220	2
1238	Various intensities of leisure time physical activity in patients with coronary artery disease: effects on cardiorespiratory fitness and progression of coronary atherosclerotic lesions. <b>1993</b> , 22, 468-77	317
1237	Acute effect of percutaneous transvenous mitral commissurotomy on ventilatory and hemodynamic responses to exercise. Pathophysiological basis for early symptomatic improvement. <b>1993</b> , 88, 1770-8	27
1236	Fingertip and venous blood lactate concentration in response to graded treadmill exercise. <b>1993</b> , 11, 139-43	6
1235	Lactate breakpoint during slowly increasing work rates and irregular breathing. 1993, 147, 761-3	3
1234	Comparison of gas exchange, lactate, and lactic acidosis thresholds in patients with chronic obstructive pulmonary disease. <b>1993</b> , 148, 622-6	55
1233	Exercise in patients with chronic obstructive pulmonary disease. <b>1993</b> , 48, 936-46	59
1232	Hemodynamic responses to exercise after lung transplantation. <i>Chest</i> , <b>1993</b> , 103, 46-53	48
1231	Ventilatory Threshold and V O2 Plateau at Maximal Exercise in 8- to 11-Year-Old Children. <b>1993</b> , 5, 332-338	10
1230	Maximal Oxygen Uptake and Daily Physical Activity in 7- to 12-Year-Old Boys. <b>1993</b> , 5, 357-366	7
1229	Breathing pattern during and after maximal exercise testing in young untrained subjects and in obese patients. <b>1993</b> , 60, 162-9	9
1228	Respiratory Control during Exercise in Patients with Cardiovascular Disease: Reply. <b>1993</b> , 148, 1147-1147	
1227	Respiratory gas exchange and metabolic responses during exercise in McArdle's disease. <i>Journal of Applied Physiology</i> , <b>1993</b> , 75, 745-54	34
1226	THE EFFECT OF DIFFERENT ENVIRONMENTAL CONDITIONS ON BLOOD LACTATE ACCUMULATION, LT AND OBLA DURING INCREMENTAL EXERCISE. <b>1994</b> , 43, 58-65	2
1225	The Physiologic Basis of Sports Rehabilitation. <b>1994</b> , 5, 9-36	4
1224	Peak oxygen uptake during exercise in mitral stenosis with sinus rhythm or atrial fibrillation: lack of correlation with valve area. A study in 70 patients. <b>1994</b> , 15, 37-44	11
1223	Ventilatory response to exercise in men and women 55 to 86 years of age. <b>1994</b> , 149, 408-15	30
1222	Comparison of treadmill and bicycle exercise in patients with chronic heart failure. <i>Chest</i> , <b>1994</b> , 106, 1003-5	68

1221	Systemic effects of ingesting varying amounts of a commercial carbohydrate beverage postexercise. <b>1994</b> , 13, 268-76	1
1220	Comparison of the reliability of two respiratory valves during maximal exercise testing. <b>1994</b> , 5, 41-46	
1219	A review of research in sports physiology. <b>1994</b> , 12, 33-60	13
1218	Effort syndrome: hyperventilation and reduction of anaerobic threshold. <b>1994</b> , 19, 155-69	11
1217	Independence of ventilation and blood lactate responses during graded exercise. <b>1994</b> , 68, 298-302	4
1216	Effect of prior ingestion of glucose or fructose on the performance of exercise of intermediate duration. <b>1994</b> , 68, 345-9	11
1215	Heart rate threshold related to lactate turn point and steady-state exercise on a cycle ergometer. <b>1994</b> , 69, 132-9	57
1214	Plasma catecholamines during endurance exercise of different intensities as related to the individual anaerobic threshold. <b>1994</b> , 69, 16-20	70
1213	Rate modulated pacing based on right ventricular dP/dt: quantitative analysis of chronotropic response. <b>1994</b> , 17, 1344-54	11
1212	Anaerobic threshold can provoke microalbuminuria in non-insulin-dependent diabetics. <b>1994</b> , 22, 155-62	9
1211	Time to exhaustion at VO2max and lactate steady state velocity in sub elite long-distance runners. <b>1994</b> , 102, 215-9	20
<b>121</b> 0	Peripheral and central chemoreceptor control of ventilation during exercise in humans. <b>1994</b> , 19, 305-33	16
1209	Entrained breathing and oxygen consumption during treadmill walking. <b>1994</b> , 19, 432-40	23
1208	Bases physiopathologiques du rentratiement î'effort chez le sujet <b>gî: 1994</b> , 9, 201-207	
1207	In vitro and in vivo validation tests for total artificial heart. <b>1994</b> , 18, 54-72	14
1206	Exercise-induced changes in plasma potassium and the ventilatory threshold in man. <b>1994</b> , 479 (Pt 1), 139-47	15
1205	Maximal exercise tolerance in chronic congestive heart failure. Relationship to resting left ventricular function. <i>Chest</i> , <b>1994</b> , 106, 1746-52	33
1204	Functional outcome of patients with chronic obstructive pulmonary disease and exercise hypercapnia. <i>European Respiratory Journal</i> , <b>1995</b> , 8, 1339-44	4

	xygen deficit during exercise testing in heart failure. Relation to submaximal exercise tolerance. hest, <b>1995</b> , 107, 904-8	34
	wo-year trends in cardiorespiratory function among older Tai Chi Chuan practitioners and edentary subjects. <b>1995</b> , 43, 1222-7	118
	ne Relationship between Heart Rate Deflection and Ventilatory Threshold in Children Following eart Surgery. <b>1995</b> , 7, 263-269	1
1200 Ha	aemoglobinis more better?. <b>1995,</b> 10 Suppl 2, 48-55	26
1199 <b>C</b> C	ongestive heart failure due to hypertensive ventricular diastolic dysfunction. <b>1995</b> , 76, 43D-47D	26
1198 Ex	xercise rehabilitation for elderly patients on chronic hemodialysis. <b>1995</b> , 5, 157-165	13
1197 Er	gonomy of paraplegic patients working with a reciprocating gait orthosis. <b>1995</b> , 33, 458-63	5
7706	asma adenosine concentration during and after dynamic exercise in patients with chronic heart ilure. <b>1995</b> , 4, 188-192	4
	ole of decreased carbohydrate oxidation on slower rises in ventilation with increasing exercise tensity after training. <b>1995</b> , 71, 523-9	39
1194 <b>V</b> e	erification of the heart rate threshold. <b>1995</b> , 70, 263-9	38
	oes the threshold of transcutaneous partial pressure of carbon dioxide represent the respiratory ompensation point or anaerobic threshold?. <b>1995</b> , 71, 326-31	1
1192 Ar	n aid to the determination of the ventilatory threshold. <b>1995</b> , 71, 65-70	6
	omparisons of oxygen transport between Tibetan and Han residents at moderate altitude. <b>1995</b> , 391-400	25
	nysiological and physical performance changes in female runners during one year of training. <b>1995</b> 5, 311-319	4
1189 Re	ethinking exercise testing in children: a challenge. <b>1995</b> , 152, 1154-7	30
	třť de l'effort dvelopp'avec les membres supřieurs pour l'valuation et le rentrafiement orfi infarctus du myocarde. <b>1995</b> , 38, 487-494	3
1187 Ef	fects of potassium and lactic acid on chemoreceptor discharge in anaesthetized cats. <b>1995</b> , 99, 303-12	9
	fects of recombinant human erythropoietin and exercise training on exercise capacity in emodialysis patients. <b>1995</b> , 19, 1262-8	45

1185	Effects of blood donation on exercise performance in competitive cyclists. 1995, 130, 838-40	25
1184	Assessment of working skeletal muscle oxygenation in patients with chronic heart failure. <b>1995</b> , 129, 690-5	43
1183	Physical training in patients with stable chronic heart failure: effects on cardiorespiratory fitness and ultrastructural abnormalities of leg muscles. <b>1995</b> , 25, 1239-49	448
1182	Dissociation between peak exercise oxygen consumption and hemodynamic dysfunction in potential heart transplant candidates. <b>1995</b> , 26, 429-35	104
1181	Skeletal muscle fiber composition and capillarization in patients with chronic heart failure: relation to exercise capacity and central hemodynamics. <b>1995</b> , 1, 267-72	49
1180	Acid-base balance: origin of plasma [H+] during exercise. <b>1995</b> , 20, 341-56	12
1179	Reducciñ del Coste Ventilatorio Durante el Ejercicio en Enfermos Pulmonares Obstructivos Crñicos (EPOC) Mediante Un Programa de Rehabilitaciñ Integral Extrahospitalario e Individualizado <b>1995</b> , 32, 175-186	
1178	Peripheral chemoreflex drive in moderate-intensity exercise. <b>1996</b> , 21, 285-300	6
1177	Objective assessment of the response to treatment of severe heart failure using a 9-minute walk test on a patient-powered treadmill. <b>1996</b> , 2, 133-9	17
1176	Lactate Transport and Exchange During Exercise. <b>1996</b> , 614-648	5
1176 1175	Differences in regional sweating responses during exercise between athletes trained on land and in water. <b>1996</b> , 74, 67-71	3
,	Differences in regional sweating responses during exercise between athletes trained on land and in	
1175	Differences in regional sweating responses during exercise between athletes trained on land and in water. <b>1996</b> , 74, 67-71  Cardiorespiratory function, flexibility, and body composition among geriatric Tai Chi Chuan	3
1175 1174	Differences in regional sweating responses during exercise between athletes trained on land and in water. <b>1996</b> , 74, 67-71  Cardiorespiratory function, flexibility, and body composition among geriatric Tai Chi Chuan practitioners. <b>1996</b> , 77, 612-6  Possible adaptive mechanisms for energy saving during physical activity. <b>1996</b> , 148-166	3
1175 1174 1173	Differences in regional sweating responses during exercise between athletes trained on land and in water. <b>1996</b> , 74, 67-71  Cardiorespiratory function, flexibility, and body composition among geriatric Tai Chi Chuan practitioners. <b>1996</b> , 77, 612-6  Possible adaptive mechanisms for energy saving during physical activity. <b>1996</b> , 148-166	3 158 2
1175 1174 1173 1172	Differences in regional sweating responses during exercise between athletes trained on land and in water. 1996, 74, 67-71  Cardiorespiratory function, flexibility, and body composition among geriatric Tai Chi Chuan practitioners. 1996, 77, 612-6  Possible adaptive mechanisms for energy saving during physical activity. 1996, 148-166  Contribution of peripheral chemoreceptor drive in exercise hyperpnea in humans. 1996, 15, 259-66  Prediction of blood lactate accumulation from excess CO2 output during constant exercise. 1996,	3 158 2
1175 1174 1173 1172	Differences in regional sweating responses during exercise between athletes trained on land and in water. 1996, 74, 67-71  Cardiorespiratory function, flexibility, and body composition among geriatric Tai Chi Chuan practitioners. 1996, 77, 612-6  Possible adaptive mechanisms for energy saving during physical activity. 1996, 148-166  Contribution of peripheral chemoreceptor drive in exercise hyperpnea in humans. 1996, 15, 259-66  Prediction of blood lactate accumulation from excess CO2 output during constant exercise. 1996, 15, 205-10  Does appropriate endurance exercise training improve cardiac function in patients with prior	3 158 2 5

1167	methodological problems. <b>1996</b> , 72, 387-93	47
1166	Measurement and validity of the ventilatory threshold in patients with congenital heart disease. <b>1996</b> , 17, 7-14	73
1165	Correlation of an exercise-induced increase in systemic circulation with neural retinal function in humans. <b>1996</b> , 92, 145-57	21
1164	Residual muscle cytochrome c oxidase activity accounts for submaximal exercise lactate threshold in chronic progressive external ophthalmoplegia. <b>1996</b> , 19, 342-9	10
1163	The importance of different atrioventricular delay for left ventricular filling in sequential pacing: clinical implications. <b>1996</b> , 19, 1595-604	11
1162	Skeletal muscle metabolism during exercise in patients with chronic heart failure. <b>1996</b> , 76, 29-34	18
1161	Ammonia response to exercise in patients with congestive heart failure. <b>1996</b> , 75, 343-8	10
1160	Cardiorespiratory response to progressive leg exercise under acute normobaric hypoxia. <b>1996</b> , 104, 272-81	5
1159	Exercise and Adaptation to Microgravity Environments. <b>1996</b> , 815-843	9
1158	Effectiveness of individualized aerobic training at the ventilatory threshold in the elderly. <b>1997</b> , 52, B260-6	33
1157	Effects of physical training on heart rate variability in diabetic patients with various degrees of cardiovascular autonomic neuropathy. <b>1997</b> , 34, 206-14	75
1156	Electromyographic response to exercise in cardiac transplant patients: a new method for anaerobic threshold determination?. <i>Chest</i> , <b>1997</b> , 111, 1571-6	29
1155	The relationship of aerobic and anaerobic power to distance running performance. <b>1997</b> , 7, 215-225	4
1154	The efficacy of the one-leg cycling test for determining the anaerobic threshold (AT) of lower limb amputees. <b>1997</b> , 21, 141-6	26
1153	Clinical and biochemical features of muscle dysfunction in subclinical hypothyroidism. <b>1997</b> , 82, 3315-8	102
1152	Comparison of two training programmes in chronic airway limitation patients: standardized versus individualized protocols. <i>European Respiratory Journal</i> , <b>1997</b> , 10, 114-22	111
1151	Alveolar-arterial gas tension differences during progressive exercise in patients after the Fontan operation. <b>1997</b> , 61, 402-12	7
1150	The Conconi test in not valid for estimation of the lactate turnpoint in runners. <b>1997</b> , 15, 385-94	29

1149	Cardiovascular evaluation of the athlete. Issues regarding performance, screening and sudden cardiac death. <i>Sports Medicine</i> , <b>1997</b> , 24, 97-119	10.6	25
1148	Ergospirometry and its history. <i>Sports Medicine</i> , <b>1997</b> , 23, 93-105	10.6	12
1147	Reliability of using the D-max method to define physiological responses to incremental exercise testing. <i>Physiological Measurement</i> , <b>1997</b> , 18, 145-54	2.9	35
1146	Nitric oxide inhalation reduces pulmonary tidal volume during exercise in severe chronic heart failure. <b>1997</b> , 134, 737-44		10
1145	Potassium and ventilation during exercise above and below the ventilatory threshold. <b>1997</b> , 109, 117-2	6	3
1144	Effects of endurance training on mitochondrial ultrastructure and fiber type distribution in skeletal muscle of patients with stable chronic heart failure. <b>1997</b> , 29, 1067-73		288
1143	Clinical correlates and prognostic significance of the ventilatory response to exercise in chronic heart failure. <b>1997</b> , 29, 1585-90		448
1142	Cardiorespiratory responses to exercise after repair of the univentricular heart. <b>1997</b> , 58, 17-30		14
1141	Delayed attainment of peak oxygen consumption after the end of exercise in patients with chronic heart failure. <b>1997</b> , 60, 23-9		11
1140	Effect of ingested sodium bicarbonate on muscle force, fatigue, and recovery. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 333-7	3.7	26
1139	Efeito do treinamento filico específico nas respostas cardiorrespiratílias e metablicas em repouso e no exercílio milimo em jogadores de futebol profissional. <b>1997</b> , 3, 101-107		1
1138	[Maximal functional capacity and diastolic function in patients with cardiomyopathy due to Chagas' disease without congestive heart failure]. <b>1997</b> , 69, 237-41		6
1137	Blood lactate disappearance during breathing hyperoxic gas after exercise in two different physical fitness groupson the work load fixed at 70% VO2max. <b>1997</b> , 16, 249-55		16
1136	Comparison of left ventricular responses to the six-minute walk test, stair climbing, and maximal upright bicycle exercise in patients with congestive heart failure due to idiopathic dilated cardiomyopathy. <b>1997</b> , 80, 65-70		60
1135	Stage duration and increase of work load in incremental testing on a cycle ergometer. <b>1997</b> , 76, 295-30	1	21
1134	Relationship between isocapnic buffering and maximal aerobic capacity in athletes. <b>1997</b> , 76, 409-14		25
1133	A new method for data presentation in incremental cardiorespiratory exercise testing. <b>1997</b> , 76, 532-7		
1132	Responses of plasma norepinephrine and heart rate during exercise in patients after Fontan operation and patients with residual right ventricular outflow tract obstruction after definitive reconstruction. <b>1998</b> , 19, 408-13		16

1131	, 77, 333-42	42
1130	Heritability of running economy: a study made on twin brothers. <b>1998</b> , 77, 511-6	14
1129	Coronary artery bypass surgery as treatment for ischemic heart failure: the predictive value of viability assessment with quantitative positron emission tomography for symptomatic and functional outcome. <b>1998</b> , 115, 791-9	83
1128	Spectral and bout detection analysis of physical activity patterns in healthy, prepubertal boys and girls. <b>1998</b> , 10, 289-297	46
1127	Effects of interval training at the ventilatory threshold on clinical and cardiorespiratory responses in elderly humans. <b>1998</b> , 78, 170-6	36
1126	Dynamic loading on the human musculoskeletal system effect of fatigue. <b>1998</b> , 13, 515-520	81
1125	Cardiorespiratory response during exercise in patients with cyanotic congenital heart disease with and without a Fontan operation and in patients with congestive heart failure. <b>1998</b> , 66, 241-51	23
1124	Relation entre frquence cardiaque d'entrafiement calcule ^75 % de la frquence cardiaque de rserve et performance fonctionnelle mesure par la puissance dveloppe au cours du test d'effort et le double produit april accident coronarien. <b>1998</b> , 41, 189-194	
1123	Place de la ràdaptation î'effort chez l'enfant asthmatique. <b>1998</b> , 38, 757-767	
1122	Age-related heart rate thresholds to optimize aerobic training in cardiac rehabilitation. <b>1998</b> , 2, 11-16	1
1121	1998 ISEK Congress Keynote Lecture: The use of electromyography in applied physiology. International Society of Electrophysiology and Kinesiology. <b>1998</b> , 8, 363-81	35
1120	Attenuated respiratory compensation during rapidly incremented ramp exercise. <b>1998</b> , 114, 227-38	28
1119	Value of cardiopulmonary exercise testing and big endothelin plasma levels to predict short-term prognosis of patients with chronic heart failure. <b>1998</b> , 32, 1695-700	94
1118	Improvement in the mechanical efficiency of walking: an explanation for the "placebo effect" seen during repeated exercise testing of patients with heart failure. Duke University Clinical Cardiology Studies (DUCCS) Exercise Group. <b>1998</b> , 135, 107-14	31
1117	Skeletal muscle myosin heavy chains in heart failure: correlation between magnitude of the isozyme shift, exercise capacity, and gas exchange measurements. <b>1998</b> , 135, 130-7	34
1116	Cardiorespiratory responses and circulating metabolite concentrations in male and female adolescents during a simulated duathlon. <i>International Journal of Sports Medicine</i> , <b>1998</b> , 19, 303-9	2
1115	Effect of an increase in volume and intensity of training in elite, female master (>40 yr) cyclists. <b>1998</b> , 8, 185-192	
1114	Endurance training, overtraining and baroreflex sensitivity in female athletes. <b>1998</b> , 18, 510-20	32

1113	Shock Transmission and Fatigue in Human Running. <b>1998</b> , 14, 300-311		62
1112	Skeletal muscle deoxygenation during exercise assessed by near-infrared spectroscopy and its relation to expired gas analysis parameters. <b>1998</b> , 62, 649-57		22
1111	Blood lactate disappearance during breathing hyperoxic gas after exercise in two different physical fitness groupson the workload fixed at 130% AT. <b>1998</b> , 17, 33-40		9
1110	EFFECTS OF ENDURANCE TRAINING ABOVE THE ANAEROBIC THRESHOLD ON ISOCAPNIC BUFFERING PHASE DURING INCREMENTAL EXERCISE IN MIDDLE-DISTANCE RUNNERS. <b>1998</b> , 47, 43-51		15
1109	[Cardiorespiratory response during exercise in heart transplant recipients. Comparative ergoespirometric analysis with normal health subjects]. <b>1998</b> , 70, 15-8		
1108	Importance of the lactate anion in control of breathing. <i>Journal of Applied Physiology</i> , <b>1998</b> , 84, 411-6; discussion 409-10	3.7	19
1107	Effects of dichloroacetate infusion on human skeletal muscle metabolism at the onset of exercise. <b>1999</b> , 277, E18-25		61
1106	Peripheral muscle ergoreceptors and ventilatory response during exercise recovery in heart failure. <b>1999</b> , 276, H913-7		5
1105	Increased training load and the beta-adrenergic-receptor system on human lymphocytes. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 317-24	3.7	18
1104	Explosive-strength training improves 5-km running time by improving running economy and muscle power. <i>Journal of Applied Physiology</i> , <b>1999</b> , 86, 1527-33	3.7	443
1103	EFFECT OF ALTERED BODY CO2 STORES ON PULMONARY GAS EXCHANGE DYNAMICS DURING INCREMENTAL EXERCISE IN HUMANS. <b>1999</b> , 84, 1011-1011		
1102	Measures of submaximal aerobic performance evaluate and predict functional response to growth hormone (GH) treatment in GH-deficient adults. <b>1999</b> , 84, 4570-7		85
1101	Ventilatory, lactate-derived and catecholamine thresholds during incremental treadmill running: relationship and reproducibility. <i>International Journal of Sports Medicine</i> , <b>1999</b> , 20, 122-7	3.6	54
1100	GH response to exercise: assessment of the pituitary refractory period, and relationship with circulating components of the GH-IGF-I axis in adolescent females. <b>1999</b> , 12, 47-55		16
1099	Role of the oxygen uptake efficiency slope in evaluating exercise tolerance. <b>1999</b> , 81, 73-5		46
1098	Oxygen uptake and cardiac performance in obese and normal subjects during exercise. <b>1999</b> , 66, 25-33		86
1097	Coronary revascularisation for postischaemic heart failure: how myocardial viability affects survival. <b>1999</b> , 82, 684-8		46
1096	Change point in VCO2 during incremental exercise test: a new method for assessment of human exercise tolerance. <b>1999</b> , 167, 49-56		3

## (2000-1999)

1095	37, 45-52	121
1094	Effect of altered body CO2 stores on pulmonary gas exchange dynamics during incremental exercise in humans. <b>1999</b> , 84, 999-1011	31
1093	Oxygen uptake efficiency slope as a useful measure of cardiorespiratory functional reserve in adult cardiac patients. <b>1999</b> , 80, 397-401	55
1092	[Cardiopulmonary parameters in hyperthyroidism]. <b>1999</b> , 94, 9-14	2
1091	Optimal pedalling velocity characteristics during maximal and submaximal cycling in humans. <b>1999</b> , 79, 426-32	41
1090	The energy expenditure of normal and pathologic gait. <b>1999</b> , 9, 207-31	703
1089	The anaerobic threshold during exercise-based cardiac rehabilitation. <b>1999</b> , 3, 81-86	
1088	[Value of pulmonary gas exchange study during exercise in the diagnosis of a muscular glycogenosis]. <b>1999</b> , 6, 50-3	2
1087	Exercise intolerance in patients with chronic heart failure and increased expression of inducible nitric oxide synthase in the skeletal muscle. <b>1999</b> , 33, 174-9	112
1086	Cardiac metaiodobenzylguanidine uptake in patients with moderate chronic heart failure: relationship with peak oxygen uptake and prognosis. <b>1999</b> , 33, 759-66	103
1085	Relationship between exertional symptoms and functional capacity in patients with heart failure. <b>1999</b> , 33, 1943-7	45
1084	Comparison of the right and left ventricle as a systemic ventricle during exercise in patients with congenital heart disease. <b>1999</b> , 137, 1185-94	31
1083	The time from anaerobic threshold (AT) to respiratory compensation point reflects the rate of aerobic and anaerobic metabolism after the AT in chronic heart failure patients. <b>1999</b> , 63, 274-7	9
1082	Exercise-induced rise in arterial potassium in patients with chronic heart failure. <i>Chest</i> , <b>1999</b> , 116, 88-96 $_{5.3}$	7
1081	Comparison of Lactate and Ventilatory Threshold to Maximal Oxygen Consumption. 1999, 13, 67-71	
1080	Effects of Training at the Ventilatory Threshold on the Ventilatory Threshold and Performance in Trained Distance Runners. <b>1999</b> , 13, 118-123	
1079	Recovery kinetics of oxygen uptake and heart rate in patients with coronary artery disease and heart failure. <i>Chest</i> , <b>1999</b> , 116, 808-13	30
1078	Effect of fatigue on leg kinematics and impact acceleration in long distance running. <b>2000</b> , 19, 139-151	127

1077	Ventilatory response to exercise in patients with major aortopulmonary collateral arteries after definitive surgery. <b>2000</b> , 85, 1223-9	3
1076	Effect of ageing on the ventilatory response and lactate kinetics during incremental exercise in man. <b>2000</b> , 81, 100-7	20
1075	Intermittent walking fails to alter physiological responses to a paced 24 km run. <b>2000</b> , 9, 225-237	2
1074	Effects of exercise training on left ventricular function and peripheral resistance in patients with chronic heart failure: A randomized trial. <b>2000</b> , 283, 3095-101	457
1073	Comparison of the prognostic value of left ventricular filling and peak oxygen uptake in patients with systolic heart failure. <b>2000</b> , 21, 1864-71	16
1072	Plasma catecholamine and blood lactate responses to incremental arm and leg exercise. <b>2000</b> , 32, 608-13	35
1071	The role of skeletal muscle in lactate exchange during exercise: introduction. <b>2000</b> , 32, 753-5	9
1070	Evidence for an inadequate hyperventilation inducing arterial hypoxemia at submaximal exercise in all highly trained endurance athletes. <b>2000</b> , 32, 926-32	28
1069	Performance level and cardiopulmonary responses during a cycle-run trial. <i>International Journal of Sports Medicine</i> , <b>2000</b> , 21, 250-5	13
1068	Relationship among oxygenation, myoelectric activity, and lactic acid accumulation in vastus lateralis muscle during exercise with constant work rate. <i>International Journal of Sports Medicine</i> , 3.6 <b>2000</b> , 21, 180-4	41
1067	Comparison of laboratory and "on-court" endurance testing in tennis. <i>International Journal of Sports Medicine</i> , <b>2000</b> , 21, 242-9	41
1066	Heart rate and blood pressure variability during heavy training and overtraining in the female athlete. <i>International Journal of Sports Medicine</i> , <b>2000</b> , 21, 45-53	85
1065	Increase characteristics of the cumulated excess-CO2 and the lactate concentration during exercise. <i>International Journal of Sports Medicine</i> , <b>2000</b> , 21, 419-23	21
1064	Re-evaluation of exercise prescription for Japanese type 2 diabetic patients by ventilatory threshold. <b>2000</b> , 50, 109-15	32
1063	Shock accelerations and attenuation in downhill and level running. <b>2000</b> , 15, 15-20	58
1062	Effects of aerobic training on lactate and catecholaminergic exercise responses in mitochondrial myopathies. <b>2000</b> , 10, 40-5	35
1061	Dtermination des seuils lactiques et ventilatoires. Position de la Socit frantise de mdecine du sport. <b>2000</b> , 15, 133-140	25
1060	Les mthodes de dtermination de l'endurance afobie. <b>2000</b> , 15, 55-73	1

## (2001-2000)

1059	Adaptations ventilatoires du jeune asthmatique apr\( \) un entra\( \)ement en cr\( \)eaux : r\( \)ultats pr\( \)iminaires. <b>2000</b> , 15, 87-94		6
1058	Endurance training in patients with chronic obstructive pulmonary disease: a comparison of high versus moderate intensity. <b>2000</b> , 81, 102-9		57
1057	Why is exercise capacity reduced in subjects with pectus excavatum?. <b>2000</b> , 136, 163-7		53
1056	Therapeutic impact of exercise on psychiatric diseases: guidelines for exercise testing and prescription. <i>Sports Medicine</i> , <b>2000</b> , 30, 269-79	.6	64
1055	A review of the concept of the heart rate deflection point. <i>Sports Medicine</i> , <b>2000</b> , 30, 31-46	.6	60
1054	Maximising the clinical use of exercise gaseous exchange testing in children with repaired cyanotic congenital heart defects: the development of an appropriate test strategy. <i>Sports Medicine</i> , <b>2000</b> , 29, 229-44	.6	21
1053	Changes in blood lactate and pyruvate concentrations and the lactate-to-pyruvate ratio during the lactate minimum speed test. <b>2000</b> , 18, 213-25		14
1052	The relationship between marathon running performance and indices of aerobic power during the competition period. <b>2000</b> , 9, 253-261		1
1051	Maximal functional capacity in patients with Chagas' cardiomyopathy without congestive heart failure. <b>2000</b> , 6, 220-4		13
1050	Endothelial dysfunction in patients with chronic heart failure: systemic effects of lower-limb exercise training. <b>2001</b> , 37, 392-7		208
1049	Impaired oxidative metabolism in exercising muscle from ALS patients. <b>2001</b> , 191, 61-5		26
1048	Lactic acid: New roles in a new millennium. <b>2001</b> , 98, 395-7		59
1047	42 years agodevelopment of the concepts of ventilatory and lactate threshold. <i>Sports Medicine</i> , <b>2001</b> , 31, 315-20	.6	34
1046	An investigation of the action of porcine pancreatic alpha-amylase on native and gelatinised starches. <b>2001</b> , 1525, 29-36		98
1045	Nolution du seuil ventilatoire pendant la croissance. Relations avec les caractfistiques anthropomtriques. Eude multilongitudinale. (Dfinition de valeurs de rffences). <b>2001</b> , 16, 137-145		1
1044	Effets de l'entrânement sur les potentiels afobie et anafobie de jeunes nageurs. Exercice ràlis avec les bras. <b>2001</b> , 16, 306-314		1
1043	•		
1042	OMNI scale perceived exertion at ventilatory breakpoint in children: response normalized. <b>2001</b> , 33, 1946-5	52	27

1041	Exercise in chronic pulmonary disease: aerobic exercise prescription. <b>2001</b> , 33, S671-9	51
1040	Exercise training and autonomic nervous system activity in obese individuals. <b>2001</b> , 33, 1287-91	82
1039	Relationship between doppler-derived left ventricular diastolic function and exercise capacity in patients with myocardial infarction. <b>2001</b> , 65, 627-31	8
1038	[Lactate in cardiac rehabilitation]. 2001, 26, 447-53	9
1037	Exercise lactate levels: simulation and reality of aerobic and anaerobic metabolism. <b>2001</b> , 86, 3-5	12
1036	The slow component of O(2) uptake is not accompanied by changes in muscle EMG during repeated bouts of heavy exercise in humans. <b>2001</b> , 531, 245-56	140
1035	Preoperative evaluation of cardiopulmonary reserve with the use of expired gas analysis during exercise testing in patients with squamous cell carcinoma of the thoracic esophagus. <b>2001</b> , 121, 1064-8	94
1034	Effect of an acute beta-adrenergic blockade on the blood glucose response during lactate minimum test. <b>2001</b> , 4, 257-65	14
1033	Heart rate responses and oxygen consumption during Tai Chi Chuan practice. <b>2001</b> , 29, 403-10	52
1032	The effect of interdian and diurnal variation on oxygen uptake kinetics during treadmill running. <b>2002</b> , 20, 901-9	38
1031	Clinical Exercise Testing in Children. <b>2002</b> , 32, 282-299	O
1030	A non-invasively determined surrogate of cardiac power ('circulatory power') at peak exercise is a powerful prognostic factor in chronic heart failure. <b>2002</b> , 23, 806-14	149
1029	Heart rate prescriptions from performance and anthropometrical characteristics. 2002, 34, 881-7	24
1028	Influence of cycling cadence on subsequent running performance in triathletes. <b>2002</b> , 34, 530-6	41
1027	Ventilatory thresholds in arm and leg exercises with spontaneously chosen crank and pedal rates. <b>2002</b> , 95, 1035-46	7
1026	Effect of ramp slope on ventilation thresholds and VO2peak in male cyclists. <i>International Journal of Sports Medicine</i> , <b>2002</b> , 23, 22-7	46
1025	Cardiorespiratory responses and blood lactate during an experimental run-cycle transition in duathletes. <i>International Journal of Sports Medicine</i> , <b>2002</b> , 23, 162-7	
1024	Cardiac autonomic nervous activities and cardiorespiratory fitness in older men. <b>2002</b> , 57, M605-10	14

The Relationship of the Heart Rate Deflection Point to the Ventilatory Threshold in Trained Cyclists. **2002**, 16, 573-580

1022	Improvement of cardiorespiratory function after percutaneous transluminal coronary angioplasty or coronary artery bypass grafting. <b>2002</b> , 81, 336-41		20
1021	Excessive ventilatory response during exercise in patients with non-hypoxic pulmonary hypertension. <b>2002</b> , 66, 453-6		7
1020	Relationship between Exercise Tolerance and Respiratory Pattern and Muscular Strength of Legs in Patients with Chronic Heart Failure <b>2002</b> , 14, 47-50		5
1019	Ventilatory Threshold in Children: A Review. <b>2002</b> , 14, 16-29		6
1018	Abnormal postexercise cardiovascular recovery and its determinants in patients after right ventricular outflow tract reconstruction. <b>2002</b> , 106, 2819-26		19
1017	Reduction of insulin-like growth factor-I expression in the skeletal muscle of noncachectic patients with chronic heart failure. <b>2002</b> , 39, 1175-81		100
1016	Methods to determine aerobic endurance. <i>Sports Medicine</i> , <b>2002</b> , 32, 675-700	10.6	129
1015	Impaired oxidative metabolism and lipid peroxidation in exercising muscle from ALS patients. <b>2002</b> , 3, 57-62		28
1014	Evaluation of the interchangeability of VO2MAX and oxygen uptake efficiency slope. <b>2002</b> , 27, 589-601		25
1013	Effect of strenuous arm crank exercise on platelet function in patients with spinal cord injury. <b>2002</b> , 83, 210-6		6
1012	[Is it necessary to rehabilitate coronary artery disease patients based on ventilatory threshold?]. <b>2002</b> , 45, 204-15		3
1011	Effect of Beta-Blockade on Heart Rate and VO2 Kinetics during Recovery in Patients with Coronary Artery Disease. <b>2002</b> , 2, 69-74		2
1010	Mechanistic basis for the gas exchange threshold in Thoroughbred horses. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1499-505	3.7	21
1009	Ergoespirometria em atletas paraolfipicos brasileiros. <b>2002</b> , 8, 107-116		5
1008	[Exercise intensity and fat burningtheoretical principles and practical considerations]. 2002, 91, 915-9		2
1007	Effect of a 1 year combined aerobic- and weight-training exercise programme on aerobic capacity and ventilatory threshold in patients suffering from coronary artery disease. <b>2002</b> , 87, 568-75		27
1006	[Exercise recommendation and catecholamines in patients with coronary artery disease]. <b>2002</b> , 91, 927-3	6	7

1005	Ventilation threshold as a measure of impaired physical performance in adults with growth hormone excess. <b>2002</b> , 56, 351-8	21
1004	The effect of treadmill incline on maximal oxygen uptake, gas exchange and the metabolic response to exercise in the horse. <b>2002</b> , 87, 499-506	16
1003	Kinetics of catecholamines and potassium, and heart rate during exercise testing in obese subjects. Heart rate regulation in obesity during exercise. <b>2003</b> , 42, 181-7	25
1002	Maximal lactate steady state, respiratory compensation threshold and critical power. <b>2003</b> , 89, 281-8	143
1001	Reduced oxygen uptake increase to work rate increment (DeltaVO2/DeltaWR) is predictable by VO2 response to constant work rate exercise in patients with chronic heart failure. <b>2003</b> , 90, 76-82	14
1000	Comparison of fat oxidation in arm cranking in spinal cord-injured people versus ergometry in cyclists. <b>2003</b> , 90, 614-9	19
999	Effects of mild aerobic physical exercise on membrane fluidity of erythrocytes in essential hypertension. <b>2003</b> , 30, 382-6	20
998	EMG signs of neuromuscular fatigue related to the ventilatory threshold during cycling exercise.  Clinical Physiology and Functional Imaging, 2003, 23, 208-14	41
997	Reduced exercise capacity in untreated adults with primary growth hormone resistance (Laron syndrome). <b>2003</b> , 59, 763-7	15
996	Serum bFGF levels are reduced in Japanese overweight men and restored by a 6-month exercise education. <b>2003</b> , 27, 1325-31	22
995	The effects of exercise training on sympathetic neural activation in advanced heart failure: a randomized controlled trial. <b>2003</b> , 42, 854-60	258
994	Anti-inflammatory effects of exercise training in the skeletal muscle of patients with chronic heart failure. <b>2003</b> , 42, 861-8	432
993	Anaerobic threshold: the concept and methods of measurement. <b>2003</b> , 28, 299-323	253
992	Decreased platelet cytochrome c oxidase activity is accompanied by increased blood lactate concentration during exercise in patients with Alzheimer disease. <b>2003</b> , 182, 421-6	55
991	Poor functional recovery may indicate restenosis in patients after coronary angioplasty. <b>2003</b> , 84, 1023-7	16
990	Acute bouts of active and passive leg cycling attenuate the amplitude of the soleus H-reflex in humans. <b>2003</b> , 347, 69-72	38
989	Daily exercise lowers blood pressure and reduces visceral adipose tissue areas in overweight Japanese men. <b>2003</b> , 62, 149-57	31
988	Influence des caractfistiques de la natation sur la performance lors dâlīn enchaliement natationâlīyclisme. <b>2003</b> , 18, 188-195	1

987	Lactate Metabolism during Exercise. <b>2003</b> , 46, 152-196	4
986	[Effects of swimming with a wet suit on energy expenditure during subsequent cycling]. 2003, 28, 356-69	12
985	Anaerobic Metabolism during Exercise. <b>2003</b> , 39-63	1
984	Effect of cycling cadence on subsequent 3 km running performance in well trained triathletes.  British Journal of Sports Medicine, 2003, 37, 154-8; discussion 159	32
983	Chemoreflex drive and the dynamics of ventilation and gas exchange during exercise at hypoxia. <b>2003</b> , 168, 1115-22	10
982	Effect of swimming session duration and repetition on metabolic markers in rats. <b>2003</b> , 6, 127-32	15
981	Metabolic determinants of the onset of acidosis in exercising human muscle: a 31P-MRS study. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 1145-52	19
980	Effects of stage duration in incremental running tests on physiological variables. <i>International Journal of Sports Medicine</i> , <b>2003</b> , 24, 486-91	77
979	Heart-rate recommendations: transfer between running and cycling exercise?. <i>International Journal of Sports Medicine</i> , <b>2003</b> , 24, 173-8	34
978	Drafting during swimming improves efficiency during subsequent cycling. <b>2003</b> , 35, 1612-9	26
977	A critical appraisal of the prognostic value of the VE/VCO2 slope in chronic heart failure. 2003, 10, 267-72	76
976	High intensity exercise enhances platelet reactivity to shear stress and coagulation during and after exercise. <b>2003</b> , 33, 127-33	30
975	O2 uptake kinetics during exercise at peak O2 uptake. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 2014-22 3.7	55
974	Gas exchange responses to constant work-rate exercise in patients with glycogenosis type V and VII. <b>2004</b> , 169, 1238-44	8
973	Correlations between lactate and ventilatory thresholds and the maximal lactate steady state in elite cyclists. <i>International Journal of Sports Medicine</i> , <b>2004</b> , 25, 403-8	47
972	Fat oxidation in men and women endurance athletes in running and cycling. <i>International Journal of Sports Medicine</i> , <b>2004</b> , 25, 38-44	76
971	Workload demands in mountain bike racing. <i>International Journal of Sports Medicine</i> , <b>2004</b> , 25, 294-300 3.6	60
970	Assessment of symptoms and exercise capacity in cyanotic patients with congenital heart disease. <i>Chest</i> , <b>2004</b> , 125, 368-76	47

969	Is lactic acidosis a cause of exercise induced hyperventilation at the respiratory compensation point?. <i>British Journal of Sports Medicine</i> , <b>2004</b> , 38, 622-5	10.3	58
968	Relative exercise intensity of Tai Chi Chuan is similar in different ages and gender. <b>2004</b> , 32, 151-60		46
967	The aerobic capacity and ventilatory efficiency during exercise in Qigong and Tai Chi Chuan practitioners. <b>2004</b> , 32, 141-50		59
966	Changes in serum leptin concentrations in overweight Japanese men after exercise. <b>2004</b> , 6, 332-7		33
965	Optimal exercise intensities for fat metabolism in handbike cycling and cycling. <b>2004</b> , 42, 564-72		23
964	Preoperative spirometry versus expired gas analysis during exercise testing as predictors of cardiopulmonary complications after lung resection. <b>2004</b> , 34, 107-10		22
963	Cardiac output and oxygen release during very high-intensity exercise performed until exhaustion. <b>2004</b> , 93, 9-18		15
962	Aerobic determinants of the decline in preferred walking speed in healthy, active 65- and 80-year-olds. <b>2004</b> , 447, 915-21		41
961	Can serum NT-proBNP detect changes of functional capacity in patients with chronic heart failure?. <b>2004</b> , 93, 540-5		18
960	Restrictive ventilatory impairment and arterial oxygenation characterize rest and exercise ventilation in patients after fontan operation. <b>2004</b> , 25, 513-21		44
959	A refined technique for determining the respiratory gas exchange responses to anaerobic metabolism during progressive exercise - repeatability in a group of healthy men. <i>Clinical Physiology and Functional Imaging</i> , <b>2004</b> , 24, 1-9	2.4	12
958	Facilitating effects of exercise on information processing. <b>2004</b> , 22, 419-28		92
957	Effect of a 15% increase in preferred pedal rate on time to exhaustion during heavy exercise. <b>2004</b> , 29, 146-56		4
956	Submaximal and Maximal Cardiorespiratory Responses of Leg Wheeling and Arm Wheeling a New Wheelchair Prototype. <b>2004</b> , 12, 115-133		3
955	Exercise programmes for patients with chronic heart failure. Sports Medicine, 2004, 34, 939-54	10.6	16
954	Relationship between visceral fat accumulation and physical fitness in Japanese women. <b>2004</b> , 64, 173	-9	24
953	The effect of ventilation on spectral analysis of heart rate and blood pressure variability during exercise. <b>2004</b> , 144, 91-8		23
952	Perceived speech difficulty during exercise and its relation to exercise intensity and physiological responses. <b>2004</b> , 92, 431-6		16

951	Muscle glycogen depletion alters oxygen uptake kinetics during heavy exercise. <b>2004</b> , 36, 965-72	33
950	Applying a systems model of training to a patient with coronary artery disease. <b>2004</b> , 36, 942-8	6
949	Influence of testing protocol on ventilatory thresholds and cycling performance. <b>2004</b> , 36, 613-22	66
948	Different effects of two regeneration regimens on immunological parameters in cyclists. <b>2004</b> , 36, 1743-9	16
947	Comparisons of the skeletal muscle metabolic abnormalities in the arm and leg muscles of patients with chronic heart failure. <b>2004</b> , 68, 573-9	18
946	Putative protective effect of inspiratory threshold loading against exercise-induced supraspinal diaphragm fatigue. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 991-8	11
945	Effect of prior exercise above and below critical power on exercise to exhaustion. 2005, 37, 775-81	26
944	Early exercise training after mitral valve repair: a multicentric prospective French study. <i>Chest</i> , <b>2005</b> , 128, 1638-44	31
943	Muscle capillary blood flow kinetics estimated from pulmonary O2 uptake and near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 1820-8	133
942	Endothelial flow-mediated dilatation and exercise capacity in highly trained endurance athletes. <b>2005</b> , 205, 45-51	25
941	Exercise Testing: A Bridge Between the High-Tech and the Human - The Need for Innovative Technologies. 25-35	
940	Evaluation of Oxygen Uptake Monitors in Low Flow Volumes Using a Respiratory Simulator. <b>2005</b> , 30, 145-152	1
939	Incremental exercise tests in master athletes and untrained older adults. 2005, 13, 254-65	4
938	Expired gas analysis during exercise testing pre-pneumonectomy. <b>2005</b> , 35, 1021-5	8
937	Re-evaluation of exercise intensity for overweight Japanese men by ventilatory threshold. <b>2005</b> , 7, 762-5	4
936	Dynamics of skeletal muscle oxygenation during sequential bouts of moderate exercise. <b>2005</b> , 90, 393-401	28
935	Effects of calcium pyruvate supplementation during training on body composition, exercise capacity, and metabolic responses to exercise. <b>2005</b> , 21, 312-9	35
934	Right ventricular myocardial performance index and exercise capacity in athletes. <b>2005</b> , 20, 147-52	29

933	Peak oxygen uptake. Myth and truth about an internationally accepted reference value. <b>2005</b> , 94, 255-	64	26
932	Increase in reaction time for the peripheral visual field during exercise above the ventilatory threshold. <b>2005</b> , 94, 461-7		25
931	Body composition is related to increase in plasma adiponectin levels rather than training in young obese men. <b>2005</b> , 94, 520-6		62
930	Limiar de lactato em remadores: compara <b>b</b> entre dois mtodos de determina <b>b. 2005</b> , 11, 247-250		5
929	Anlise de taxa metablica basal e composib corporal de idosos do sexo masculino antes e seis meses apli exerchios de resistíficia. <b>2005</b> , 11, 71-75		8
928	Opioids and Benzodiazepines Appear Paradoxically to Delay Inevitable Death after Ventilator Withdrawal. <b>2005</b> , 21, 299-302		40
927	Heart rate variability in athletes and nonathletes at rest and during head-up tilt. 2005, 38, 639-47		37
926	Aortic distensibility and left ventricular diastolic functions in endurance athletes. <i>International Journal of Sports Medicine</i> , <b>2005</b> , 26, 165-70	3.6	23
925	Aerobic and functional capacities in a selected active population of European octogenarians. <i>International Journal of Sports Medicine</i> , <b>2005</b> , 26, 128-33	3.6	10
924	A conceptual framework for performance diagnosis and training prescription from submaximal gas exchange parameterstheory and application. <b>2005</b> , 26 Suppl 1, S38-48		208
924 923			208
	exchange parameterstheory and application. 2005, 26 Suppl 1, \$38-48  Estrogen replacement and exercise capacity in postmenopausal women: a randomized		
923	exchange parameterstheory and application. <b>2005</b> , 26 Suppl 1, S38-48  Estrogen replacement and exercise capacity in postmenopausal women: a randomized placebo-controlled study. <b>2005</b> , 21, 324-9	3.6	3
923 922	exchange parameterstheory and application. 2005, 26 Suppl 1, S38-48  Estrogen replacement and exercise capacity in postmenopausal women: a randomized placebo-controlled study. 2005, 21, 324-9  Short-term effect of physical exercise at lactate threshold on choice reaction time. 2005, 100, 275-91  Preferred pedal rate: an index of cycling performance. <i>International Journal of Sports Medicine</i> ,	3.6	3
923 922 921	exchange parameterstheory and application. 2005, 26 Suppl 1, S38-48  Estrogen replacement and exercise capacity in postmenopausal women: a randomized placebo-controlled study. 2005, 21, 324-9  Short-term effect of physical exercise at lactate threshold on choice reaction time. 2005, 100, 275-91  Preferred pedal rate: an index of cycling performance. <i>International Journal of Sports Medicine</i> , 2005, 26, 372-5  Effects of exercise training on insulin-like growth factor-I expression in the skeletal muscle of	3.6	3 42 3
923 922 921 920	Estrogen replacement and exercise capacity in postmenopausal women: a randomized placebo-controlled study. 2005, 21, 324-9  Short-term effect of physical exercise at lactate threshold on choice reaction time. 2005, 100, 275-91  Preferred pedal rate: an index of cycling performance. <i>International Journal of Sports Medicine</i> , 2005, 26, 372-5  Effects of exercise training on insulin-like growth factor-l expression in the skeletal muscle of non-cachectic patients with chronic heart failure. 2005, 12, 401-6  Spiroergometric and spirometric parameters in patients with multiple sclerosis: are there any links between these parameters and fatigue, depression, neurological impairment, disability, handicap	3.6	3 42 3 70
923 922 921 920 919	Estrogen replacement and exercise capacity in postmenopausal women: a randomized placebo-controlled study. 2005, 21, 324-9  Short-term effect of physical exercise at lactate threshold on choice reaction time. 2005, 100, 275-91  Preferred pedal rate: an index of cycling performance. <i>International Journal of Sports Medicine</i> , 2005, 26, 372-5  Effects of exercise training on insulin-like growth factor-I expression in the skeletal muscle of non-cachectic patients with chronic heart failure. 2005, 12, 401-6  Spiroergometric and spirometric parameters in patients with multiple sclerosis: are there any links between these parameters and fatigue, depression, neurological impairment, disability, handicap and quality of life in multiple sclerosis?. 2005, 11, 213-21  [Results of an ambulatory respiratory rehabilitation program: observations in 100 COPD patients].	3.6	3 42 3 70 24

915	Basic Physiology and Biophysics of EMG Signal Generation. <b>2005</b> , 1-25	22
914	Exercise training in chronic heart failure: correlation between reduced local inflammation and improved oxidative capacity in the skeletal muscle. <b>2005</b> , 12, 393-400	76
913	An alternative approach for exercise prescription and efficacy testing in patients with chronic heart failure: a randomized controlled training study. <b>2005</b> , 149, e1-7	41
912	Aerobic exercise training programmes for improving physical and psychosocial health in adults with Down syndrome. <b>2005</b> , CD005176	10
911	Does prior 1500-m swimming affect cycling energy expenditure in well-trained triathletes?. <b>2005</b> , 30, 392-403	12
910	Is the highest fat oxidation rate coincident with the anaerobic threshold in obese women and men?. <b>2005</b> , 5, 79-87	7
909	Testing soccer players. <b>2005</b> , 23, 601-18	184
908	A distributional analysis of the effect of physical exercise on a choice reaction time task. <b>2006</b> , 24, 323-9	50
907	Effects of exercise rehabilitation program on heart rate recovery in patients with chronic heart failure. <b>2006</b> , 13, 67-73	49
906	Exercise intensity during repeated days of racing in professional triathletes. <b>2006</b> , 31, 250-5	4
905	Is the VO2 slow component in heavy arm-cranking exercise associated with recruitment of type II muscle fibers as assessed by an increase in surface EMG?. <b>2006</b> , 31, 414-22	13
904	Rŝultats dâŪn programme de rĥabilitation respiratoire en mode ambulatoire chez 100 patients atteints de broncho-pneumopathie chronique obstructive. <b>2006</b> , 26, 79-83	
903	[Response of tidal volume to inspiratory time ratio during incremental exercise]. <b>2006</b> , 42, 62-7	2
902	[Preliminary study of cardiorespiratory decondittioning in athletes after anterior cruciate ligament reconstruction]. <b>2006</b> , 49, 589-94	3
901	A systems model of training for patients in phase 2 cardiac rehabilitation. <b>2006</b> , 109, 257-63	5
900	Early heart rate recovery after exercise predicts mortality in patients with chronic heart failure. <b>2006</b> , 110, 393-400	68
899	Influence d'une supplmentation en vitamines sur le rendement de la locomotion aprÉ une preuve d'ultratrail. <b>2006</b> , 21, 8-12	4
898	Effects of diet and exercise training on neurovascular control during mental stress in obese women. <b>2006</b> , 39, 53-62	21

897 Exercise Physiology. 2006,

896	[Maximal workload prediction models in the clinical cardio-pulmonary effort test]. 2006, 87, 137-45	4
895	Physiological Responses to Exercise. <b>2006</b> , 1-24	1
894	The work rate corresponding to ventilatory threshold during steady-state and ramp exercise.  International Journal of Sports Physiology and Performance, 2006, 1, 222-32  3.5	4
893	Principles of Aerobic Testing and Training. <b>2006</b> , 58, 8-20	6
892	HEART RATE AT LACTATE THRESHOLD AND CYCLING TIME TRIALS. <b>2006</b> , 20, 601-607	
891	Baroreflex sensitivity improvement is associated with decreased oxidative stress in trained spontaneously hypertensive rat. <b>2006</b> , 24, 2437-43	41
890	Airway function measurements and the long-term follow-up of survivors of preterm birth with and without chronic lung disease. <b>2006</b> , 41, 497-508	40
889	Significant exercise-induced hypoxaemia with equivocal desaturation in patients with chronic obstructive pulmonary disease. <b>2006</b> , 36, 294-301	6
888	Moderate exercise in hypoxia induces a greater arterial desaturation in trained than untrained men. <b>2007</b> , 17, 431-6	19
887	High versus low training frequency in cardiac rehabilitation using a systems model of training. <b>2006</b> , 96, 217-24	2
886	Validity of the two-parameter model in estimating the anaerobic work capacity. <b>2006</b> , 96, 257-64	32
885	Maximal lactate steady state determination with a single incremental test exercise. <b>2006</b> , 96, 446-52	25
884	Reproducibility of relationships between human ventilation, its components and oesophageal temperature during incremental exercise. <b>2006</b> , 96, 495-504	14
883	Effects of pedal frequency on estimated muscle microvascular O2 extraction. <b>2006</b> , 96, 558-63	43
882	Interactions between cadence and power output effects on mechanical efficiency during sub maximal cycling exercises. <b>2006</b> , 97, 133-9	25
881	Pituitary-adrenal responses to arm versus leg exercise in untrained man. <b>2006</b> , 97, 471-7	7
880	Assessment of energy demand in Laser sailing: influences of exercise duration and performance level. <b>2007</b> , 99, 95-101	21

### (2007-2006)

879	Respuesta de la relaci  volumen corriente-tiempo inspiratorio durante un esfuerzo incremental.  2006, 42, 62-67		2
878	A randomized controlled trial of deep water running: clinical effectiveness of aquatic exercise to treat fibromyalgia. <b>2006</b> , 55, 57-65		111
877	Detection of the anaerobic threshold by surface electromyography. <b>2006</b> , 2006, 6189-92		3
876	The influence of growth hormone status on physical impairments, functional limitations, and health-related quality of life in adults. <b>2006</b> , 27, 287-317		140
875	Lactate distribution in the blood compartments of sickle cell trait carriers during incremental exercise and recovery. <i>International Journal of Sports Medicine</i> , <b>2006</b> , 27, 436-43	3.6	17
874	Assessment of ventilatory thresholds from heart rate variability in well-trained subjects during cycling. <i>International Journal of Sports Medicine</i> , <b>2006</b> , 27, 959-67	3.6	53
873	Effects of home-based exercise training on neurovascular control in patients with heart failure. <b>2006</b> , 8, 851-5		55
872	Left atrial geometric and functional remodeling in athletes. <i>International Journal of Sports Medicine</i> , <b>2006</b> , 27, 267-71	3.6	13
871	Oxygen uptake efficiency slope in coronary artery disease: clinical use and response to training. <i>International Journal of Sports Medicine</i> , <b>2006</b> , 27, 730-7	3.6	41
870	VE/VCO2 slope is associated with abnormal resting haemodynamics and is a predictor of long-term survival in chronic heart failure. <b>2006</b> , 8, 420-7		37
869	Longer term follow up of aerobic capacity in children affected by severe acute respiratory syndrome (SARS). <b>2006</b> , 61, 240-6		12
868	Breathing strategy in master athletes and untrained elderly subjects according to the incremental protocol. <b>2006</b> , 31, 202-10		3
867	Vastus lateralis oxygenation during prolonged cycling in healthy males. 2006, 31, 48-55		9
866	Objective and subjective analysis of the training content in young cyclists. <b>2006</b> , 31, 118-25		12
865	Rule change incidence on physiological characteristics of elite basketball players: a 10-year-period investigation. <i>British Journal of Sports Medicine</i> , <b>2008</b> , 42, 25-30	10.3	51
864	Blood lactate measurements and analysis during exercise: a guide for clinicians. <b>2007</b> , 1, 558-69		233
863	Speed training with body weight unloading improves walking energy cost and maximal speed in 75-to 85-year-old healthy women. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 1598-603	3.7	29
862	Anaerobic running capacity determined from a 3-parameter systems model: relationship with other anaerobic indices and with running performance in the 800 m-run. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 495-500	3.6	9

861	Relationship between dyspnea increase and ventilatory gas exchange thresholds during exercise in children with surgically corrected heart impairment. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 333-9	3.6	6
860	Physiological determinants of time to exhaustion during intermittent treadmill running at vV()O(2max). <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 273-80	3.6	25
859	Exercise training reduces sympathetic nerve activity in heart failure patients treated with carvedilol. <b>2007</b> , 9, 630-6		88
858	.VO2 kinetics during supramaximal exercise: relationship with oxygen deficit and 800-m running performance. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 518-24	3.6	10
857	Assessment of maximal aerobic power and critical power in a single 90-s isokinetic all-out cycling test. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 414-9	3.6	12
856	Ventilatory thresholds assessment from heart rate variability during an incremental exhaustive running test. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 287-94	3.6	55
855	Analysis of reply HRV in a incremental effort test: analysis time-frequency. 2007, 6, 181-187		
854	Omni scale rating of perceived exertion at ventilatory breakpoint by direct observation of children's kinematics. <b>2007</b> , 104, 975-84		9
853	Exercise intensities during a ballet lesson in female adolescents with different technical ability. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 736-42	3.6	15
852	Ventilatory and lactic thresholds in subjects with sickle cell trait. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 916-20	3.6	8
851	The effects of exercise training on the kinetics of oxygen uptake in patients with chronic heart failure. <b>2007</b> , 14, 304-311		15
850	Cardiovascular Prevention and Rehabilitation. 2007,		14
849	Relationship between strength level and pedal rate. <i>International Journal of Sports Medicine</i> , <b>2007</b> , 28, 585-9	3.6	7
848	Haemodynamic changes induced by submaximal exercise before a dive and its consequences on bubble formation. <i>British Journal of Sports Medicine</i> , <b>2007</b> , 41, 375-9	10.3	24
847	Comparison of anaerobic threshold determined by visual and mathematical methods in healthy women. <b>2007</b> , 40, 501-8		31
846	Effects of beta-hydroxy-beta-methylbutyrate on aerobic-performance components and body composition in college students. <b>2007</b> , 17, 56-69		30
845	ASSESSMENT OF MAXIMAL CARDIORESPIRATORY PERFORMANCE AND MUSCLE POWER IN THE ITALIAN OLYMPIC JUDOKA. <b>2007</b> , 21, 738-744		2
844	Related trends in locomotor and respiratory muscle oxygenation during exercise. <b>2007</b> , 39, 91-100		50

843	Exercise hyperpnea and hypercapnic ventilatory responses in women. 2007, 101, 446-52		6
842	At identical isowork rates, ageing influences cardiorespiratory adaptations in COPD out-patients. <b>2007</b> , 101, 2305-11		2
841	Intit de la spectroscopie dans le proche infrarouge de l'hmoglobine pour l'tude de l'oxyghation musculaire du vastus lateralis lors d'une preuve d'effort. <b>2007</b> , 22, 97-103		2
840	Dtermination non invasive de la capacit maximale d'extraction tissulaire de l'oxygfie d(a-E)O2 et niveaux d'aptitude physique d'adolescents sportifs. <b>2007</b> , 22, 104-109		
839	Lactate and ventilatory thresholds in type 2 diabetic women. 2007, 76, 18-23		24
838	Comparison of ventilatory threshold and exercise habits between Japanese men with and without metabolic syndrome. <b>2007</b> , 77, 314-9		13
837	Muscle activation during cycling at different cadences: effect of maximal strength capacity. <b>2007</b> , 17, 731-8		32
836	Threshold-like pattern of neuronal activation in the hypothalamus during treadmill running: establishment of a minimum running stress (MRS) rat model. <b>2007</b> , 58, 341-8		107
835	Software for calculating blood lactate endurance markers. <b>2007</b> , 25, 1403-9		96
834	[Neuromuscular function in patients with cystic fibrosis]. <b>2007</b> , 24, 1117-23		2
834	[Neuromuscular function in patients with cystic fibrosis]. <b>2007</b> , 24, 1117-23  Estimation of the lactate threshold using bioelectrical impedance spectroscopy: a new noninvasive method. <b>2007</b> , 2007, 3052-5		1
	Estimation of the lactate threshold using bioelectrical impedance spectroscopy: a new noninvasive	10.6	1
833	Estimation of the lactate threshold using bioelectrical impedance spectroscopy: a new noninvasive method. <b>2007</b> , 2007, 3052-5  Incremental exercise test design and analysis: implications for performance diagnostics in	10.6	1
833	Estimation of the lactate threshold using bioelectrical impedance spectroscopy: a new noninvasive method. 2007, 2007, 3052-5  Incremental exercise test design and analysis: implications for performance diagnostics in endurance athletes. Sports Medicine, 2007, 37, 575-86  Identification do limiar anaertio em individuos com diabetes tipo-2 sedentitios e fisicamente	10.6	202
8 <sub>33</sub> 8 <sub>32</sub> 8 <sub>31</sub>	Estimation of the lactate threshold using bioelectrical impedance spectroscopy: a new noninvasive method. 2007, 2007, 3052-5  Incremental exercise test design and analysis: implications for performance diagnostics in endurance athletes. <i>Sports Medicine</i> , 2007, 37, 575-86  Identificab do limiar anaerbio em indivaduos com diabetes tipo-2 sedentarios e fisicamente ativos. 2007, 11, 289-296  Effects of a non circular chainring on muscular, mechanical and physiological parameters during	10.6	1 202 6
8 <sub>33</sub> 8 <sub>32</sub> 8 <sub>31</sub> 8 <sub>30</sub>	Estimation of the lactate threshold using bioelectrical impedance spectroscopy: a new noninvasive method. 2007, 2007, 3052-5  Incremental exercise test design and analysis: implications for performance diagnostics in endurance athletes. <i>Sports Medicine</i> , 2007, 37, 575-86  Identifica® do limiar anaer®io em indiv®uos com diabetes tipo-2 sedent®ios e fisicamente ativos. 2007, 11, 289-296  Effects of a non circular chainring on muscular, mechanical and physiological parameters during cycle ergometer tests. 2007, 15, 271-279  Effects of creatine loading on electromyographic fatigue threshold during cycle ergometry in	10.6	1 202 6
8 <sub>33</sub> 8 <sub>32</sub> 8 <sub>31</sub> 8 <sub>30</sub> 8 <sub>29</sub>	Estimation of the lactate threshold using bioelectrical impedance spectroscopy: a new noninvasive method. 2007, 2007, 3052-5  Incremental exercise test design and analysis: implications for performance diagnostics in endurance athletes. <i>Sports Medicine</i> , 2007, 37, 575-86  Identification do limiar anaerbio em individuos com diabetes tipo-2 sedentifios e fisicamente ativos. 2007, 11, 289-296  Effects of a non circular chainring on muscular, mechanical and physiological parameters during cycle ergometer tests. 2007, 15, 271-279  Effects of creatine loading on electromyographic fatigue threshold during cycle ergometry in college-aged women. 2007, 4, 20  Changes in oxygen uptake, shoulder muscles activity, and propulsion cycle timing during strenuous	10.6	1 202 6 5 16

825	Physical working capacity and energy supply of muscle function during postnatal human ontogeny. <b>2007</b> , 33, 326-341	6
824	Cardiorespiratory responses to exercise after anatomic repair of atrioventricular discordance with abnormal ventriculoarterial connection. <b>2007</b> , 28, 14-20	4
823	Functional diagnostics in mitochondrial diseases. <b>2007</b> , 27, 53-67	36
822	The assessment of energy demand in the new Olympic windsurf board: Neilpryde RS:X. <b>2007</b> , 100, 247-52	22
821	Effects of moderate and severe intermittent hypoxia on vascular endothelial function and haemodynamic control in sedentary men. <b>2007</b> , 100, 127-35	45
820	Effects of a 200 W-15 min cycling exercise on postural control during quiet standing in healthy young adults. <b>2007</b> , 100, 169-75	29
819	Is aerobic endurance a determinant of cardiac autonomic regulation?. <b>2007</b> , 100, 363-9	37
818	Calculation of oxygen uptake efficiency slope based on heart rate reserve end-points in healthy elderly subjects. <b>2007</b> , 101, 691-6	16
817	Cardiorespiratory responses during three repeated incremental exercise tests in sickle cell trait carriers. <b>2008</b> , 102, 181-7	8
816	Water intake accelerates post-exercise cardiac vagal reactivation in humans. <b>2008</b> , 102, 283-8	18
815	Central venous-to-arterial carbon dioxide difference: an additional target for goal-directed therapy in septic shock?. <b>2008</b> , 34, 2218-25	182
814	Prior heavy knee extension exercise does not affect V Oâlkinetics during subsequent heavy cycling exercise. <b>2008</b> , 102, 481-91	4
813	Changes in blood flow in conduit artery and veins of the upper arm during leg exercise in humans. <b>2008</b> , 103, 367-73	27
812	Estimation of the exercise ventilatory compensation point by the analysis of the relationship between minute ventilation and heart rate. <b>2008</b> , 104, 87-94	7
811	Mechanomyographic responses in quadriceps muscles during fatigue by continuous cycle exercise. <b>2008</b> , 104, 651-6	22
810	Lactate threshold at the same fat-free mass and age is larger in men than women. 2008, 104, 919-27	2
809	Influence of group training frequency on arterial stiffness in elderly women. 2008, 104, 1039-44	29
808	Physiological demands of different sailing techniques of the new Olympic windsurfing class. <b>2008</b> , 104, 1061-7	21

November 2008, 3, 79-83 Investigation of Electrical Resistivity Changes of Human Blood during Dynamic Exercise. **2008**, 3, 79-83

806	Fitness, fatigue, disease activity, and quality of life in pediatric lupus. <b>2008</b> , 59, 537-45	57
805	Elevation of anions in exercise-induced acidosis: a study by ion-exchange chromatography/mass spectrometry. <b>2008</b> , 22, 301-5	7
804	Maximum exercise responses of men and women mountaineering trainees on induction to high altitude (4350 m) by trekking. <b>2008</b> , 19, 151-6	14
803	Arterial blood lactate is a useful guide to when rehabilitation should be instigated in COPD. <b>2008</b> , 13, 564-8	3
802	Non-oxidative glucose disposal is reduced in type 2 diabetes, but can be restored by aerobic exercise. <b>2008</b> , 10, 400-7	14
801	Effects of home-based training at dyspnea threshold in children surgically repaired for congenital heart disease. <b>2008</b> , 3, 191-9	15
800	Physical activity and epilepsy: proven and predicted benefits. <i>Sports Medicine</i> , <b>2008</b> , 38, 607-15 10.6	81
799	Effects of pioglitazone on serum fetuin-A levels in patients with type 2 diabetes mellitus. <b>2008</b> , 57, 1248-52	62
798	History of developments in sport and exercise physiology: A. V. Hill, maximal oxygen uptake, and oxygen debt. <b>2008</b> , 26, 365-400	19
797	One-leg cycling versus arm cranking: which is most appropriate for physical conditioning after knee surgery?. <b>2008</b> , 89, 508-12	10
796	'Oxygen uptake efficiency slope' in trained and untrained subjects exposed to hypoxia. <b>2008</b> , 161, 167-73	4
795	[One-leg cycling aerobic training with the healthy leg in amateur soccer players after anterior cruciate ligament reconstruction]. <b>2008</b> , 51, 707-13	1
794	Critical power in adolescent boys and girlsan exploratory study. <b>2008</b> , 33, 1105-11	11
793	Methodological approach to the first and second lactate threshold in incremental cardiopulmonary exercise testing. <b>2008</b> , 15, 726-34	216
792	Exercise Physiology. <b>2008</b> , 89-99	Ο
791	A comparison of methods to determine maximal accumulated oxygen deficit in running. <b>2008</b> , 26, 663-70	7
790	Ventilation and its control during incremental exercise in obesity. <b>2008</b> , 75, 26-33	23

789	Physiological adaptations and analysis of training content in high school cross-country runners. <b>2008</b> , 16, 189-202	2
788	Exercise training decreases plasma levels of soluble CD40 ligand and P-selectin in patients with chronic heart failure. <b>2008</b> , 15, 43-8	26
787	A comparison of different heart rate deflection methods to predict the anaerobic threshold. <b>2008</b> , 8, 315-323	1
786	Prior muscular exercise affects cycling pattern. <i>International Journal of Sports Medicine</i> , <b>2008</b> , 29, 401-7 3.6	1
7 <sup>8</sup> 5	Determination of exercise training level in coronary artery disease patients on beta blockers. <b>2008</b> , 15, 67-72	27
7 <sup>8</sup> 4	Predicting lactate threshold using ventilatory threshold. <i>International Journal of Sports Medicine</i> , <b>2008</b> , 29, 732-7	10
783	Detection of ventilatory threshold by an automatic parabolic model. 2008, 2008, 1064-7	
782	Effects of creatine loading on electromyographic fatigue threshold in cycle ergometry in college-age men. <b>2008</b> , 18, 142-51	3
781	Use of an audio-paced incremental swimming test in young national-level swimmers. <i>International Journal of Sports Physiology and Performance</i> , <b>2008</b> , 3, 68-79	8
<del>7</del> 80	Methods to identify the lactate and glucose thresholds during resistance exercise for individuals with type 2 diabetes. <b>2008</b> , 22, 1108-15	28
779	Physiological responses of simulated karate sparring matches in young men and boys. <b>2008</b> , 22, 839-44	42
778	Current trends in lactate metabolism: introduction. <b>2008</b> , 40, 475-6	16
777	Respostas cardiovasculares a mudan postural e capacidade aer bia em homens e mulheres de meia-idade antes e ap treinamento fico aer bio. <b>2008</b> , 12, 392-400	1
776	Consumo de aminolidos de cadeia ramificada nº afeta o desempenho de endurance. <b>2008</b> , 14, 42-45	5
775	Metabolic demands of body armor on physical performance in simulated conditions. 2008, 173, 817-24	55
774	Mtodo alternativo de determinati de limiar anaertio em remadores. 2008, 10,	
773	Limiar Anaerbio e Bioenergtica: uma abordagem didtica e integrada. <b>2009</b> , 20,	1
772	Arm-cranking exercise assisted by Functional Electrical Stimulation in C6 tetraplegia: A pilot study. <b>2009</b> , 16, 415-427	14

771	Evaluation of intense physical effort in subjects with temporal lobe epilepsy. 2009, 67, 1007-12	32
770	The pilocarpine model of epilepsy: what have we learned?. <b>2009</b> , 81, 345-65	119
769	A MATHEMATICAL MODEL FOR TRAINING IMPULSE AND LACTATE INFLUX AND OUTFLUX DURING EXERCISE. <b>2009</b> , 20, 147-177	4
768	Predicting the individual best saddle height of bicycle based on electromyography and Fuzzy Inference. <b>2009</b> ,	2
767	WITHDRAWN: Aerobic exercise training programmes for improving physical and psychosocial health in adults with Down syndrome. <b>2009</b> , CD005176	1
766	Muscle strength and metabolism in master athletes. <i>International Journal of Sports Medicine</i> , <b>2009</b> , 30, 754-9	16
765	Chronic kidney disease, exercise, and sports in children, adolescents, and adults. <b>2009</b> , 37, 11-9	9
764	On the determination of ventilatory threshold and respiratory compensation point via respiratory frequency. <i>International Journal of Sports Medicine</i> , <b>2009</b> , 30, 157-62	10
763	The relationship between gait transition speed and the aerobic thresholds for walking and running.  International Journal of Sports Medicine, 2009, 30, 795-801  3.6	8
762	Influence of dichloroacetate on pulmonary gas exchange and ventilation during incremental exercise in healthy humans. <b>2009</b> , 168, 224-9	3
761	Decreased ventilatory response to exercise by dopamine-induced inhibition of peripheral chemosensitivity. <b>2009</b> , 168, 250-3	6
760	Carbohydrate and fat metabolism related to blood lactate in boys and male adolescents. <b>2009</b> , 105, 257-63	10
759	Portable muscle oxygenation monitor based on near infrared spectroscopy. <b>2009</b> , 2, 248-252	8
758	Leitlinie kliperliche Aktivitli zur Sekundliprliention und Therapie kardiovaskuller Erkrankungen. <b>2009</b> , 4, 1-44	26
757	The effects of four weeks of creatine supplementation and high-intensity interval training on cardiorespiratory fitness: a randomized controlled trial. <b>2009</b> , 6, 18	26
756	Impaired oxygen kinetics in beta-thalassaemia major patients. <i>Acta Physiologica</i> , <b>2009</b> , 196, 357-63 5.6	10
755	Is physical activity beneficial for recovery in temporal lobe epilepsy? Evidences from animal studies. <b>2009</b> , 33, 422-31	48
754	The relationship between the dynamics of cardiorespiratory variables and rowing ergometer performance. <b>2009</b> , 35, 325-331	2

753	Impairment of autonomic nervous system activity in patients with pulmonary arterial hypertension: a case control study. <b>2009</b> , 15, 882-9	34
75 <sup>2</sup>	Physiological responses in handcycling. Preliminary study. <b>2009</b> , 52, 311-8	8
751	Le test de marche de six minutes chez les femmes obßes : reproductibilit, intensit relative et relation avec la qualit de vie. <b>2009</b> , 24, 1-8	10
75°	Nolution des coordinations musculaires au cours du pdalage chez le sujet g'rgulifiement entrafi'en endurance. <b>2009</b> , 24, 160-165	1
749	Non-invasive assessment of muscle fiber conduction velocity during an incremental maximal cycling test. <b>2009</b> , 19, e380-6	22
748	Oxygen uptake kinetics during cardiopulmonary exercise testing and postoperative complications in patients with lung cancer. <b>2009</b> , 66, 85-8	24
747	Lactate threshold concepts: how valid are they?. Sports Medicine, <b>2009</b> , 39, 469-90	399
746	Insulin resistance in adolescents with type 2 diabetes is associated with impaired exercise capacity. <b>2009</b> , 94, 3687-95	144
745	Intfts dâun pdalage unilatfal aprt une ligamentoplastie du genou chez des footballeurs amateurs. <b>2009</b> , 26, 133-138	1
744	Effect of one-leg cycling aerobic training in amateur soccer players after anterior cruciate ligament reconstruction. <b>2009</b> , 88, 362-8	3
743	Effect of acute and chronic physical exercise on patients with periodic leg movements. 2009, 41, 237-42	37
742	Transferability of running and cycling training zones in triathletes: implications for steady-state exercise. <b>2009</b> , 23, 251-8	9
741	Determinants of time to fatigue during nonmotorized treadmill exercise. <b>2009</b> , 23, 883-90	6
740	Pain threshold is achieved at intensity above anaerobic threshold in patients with intermittent claudication. <b>2009</b> , 29, 396-401	12
739	Determination of the ventilatory threshold with affective valence and perceived exertion in trained cyclists: a preliminary study. <b>2009</b> , 23, 1752-7	8
738	Issues Concerning Exercise Load Tests and Their Application in Physical Therapy. <b>2009</b> , 24, 479-486	2
737	Resolving Problems in Expiratory Gas Analysis. <b>2009</b> , 24, 941-948	
736	Positive effects of acute and moderate physical exercise on cognitive function. <b>2009</b> , 28, 155-64	114

# (2010-2009)

735	Body Fat Percentage Measured by Dual Energy X-ray Absorptiometry is Associated with Maximal Oxygen Uptake in Japanese. <b>2009</b> , 6, 41-45	2
734	Leg Strength per Body Weight is Associated with Ventilatory Threshold in Japanese Women. <b>2009</b> , 6, 5-9	1
733	Cardiovascular rehabilitation in patients with diabetes. <b>2010</b> , 30, 157-64	26
732	Effects of age and counseling on the cardiorespiratory response to graded exercise. 2010, 42, 255-64	18
731	Six weeks of high-intensity interval training with and without beta-alanine supplementation for improving cardiovascular fitness in women. <b>2010</b> , 24, 1199-207	40
730	Validity of an on-court lactate threshold test in young basketball players. <b>2010</b> , 24, 2434-9	14
729	The effect of a one-leg cycling aerobic training program during the rehabilitation period in soccer players with anterior cruciate ligament reconstruction. <b>2010</b> , 20, 28-33	15
728	A new individual and specific test to determine the aerobic-anaerobic transition zone (Santos Test) in competitive judokas. <b>2010</b> , 24, 2419-28	18
727	Effect of exercise training on physical fitness in type II diabetes mellitus. <b>2010</b> , 42, 1439-47	53
726	Examination of the Conversion Equation for the Work Load of the Sit-to- Stand Exercise Method and the Work Rate of a Cycle Ergometer. <b>2010</b> , 25, 913-918	
725	Reproducibility of measurement of muscle deoxygenation in children during exercise. <b>2010</b> , 22, 183-94	8
724	Le lactate: sa cintique, son mtabolisme, ses relations avec la performance et ses controverses. <b>2010</b> , 21-30	
723	Downregulation of cough by exercise and voluntary hyperpnea. <b>2010</b> , 188 Suppl 1, S95-8	3
722	Effects of a trail running competition on muscular performance and efficiency in well-trained young and master athletes. <b>2010</b> , 110, 1107-16	68
721	Metabolische Leistungsdiagnostik und Trainingssteuerung in der Sportmedizin. <b>2010</b> , 40, 6-12	7
720	Evaluation of ventilatory threshold and its relation to exercise habits among Japanese. <b>2010</b> , 15, 374-80	7
719	The increased ventilatory response to exercise in pregnancy reflects alterations in the respiratory control systems ventilatory recruitment threshold for CO2. <b>2010</b> , 171, 75-82	8
718	Effect of an overground walking training on gait performance in healthy 65- to 80-year-olds. <b>2010</b> , 45, 427-34	33

Cytopathies mitochondriales et dysfonction des muscles striß squelettiques : le point en 2010. 717 **2010**, 2010, 65-71 Respiratory indices by gas analysis and fat metabolism by indirect calorimetry in normal subjects 716 2.4 and triathletes. Clinical Physiology and Functional Imaging, 2010, 30, 146-51 Relationship between aerobic and anaerobic parameters and functional classification in wheelchair 31 715 basketball players. 2010, 20, 638-43 Measurement precision of the anaerobic threshold by means of a portable calorimeter. 2010, 95, 354-63 714 Desensitization of the cough reflex by exercise and voluntary isocapnic hyperpnea. Journal of 713 29 3.7 Applied Physiology, 2010, 108, 1061-8 [Equations for predicting aerobic power (VO(2)) of young Brazilian adults]. 2010, 94, 763-70 12

/12	[Equations for predicting defosite power (Vo(E)) or young staziman additis]. Ev (v, y 1, 105 10		14
711	THE RELATIONSHIP BETWEEN THE RUNNING ECONOMY AND THE HOPPING ECONOMY IN THE LONG DISTANCE RUNNER. <b>2010</b> , 59, 107-118		О
710	Comparisons of muscle oxygenation changes between arm and leg muscles during incremental rowing exercise with near-infrared spectroscopy. <b>2010</b> , 15, 017007		13
709	Non-invasive indices for the estimation of the anaerobic threshold of oarsmen. <b>2010</b> , 38, 901-15		10
708	Echinocytosis in athletes with exercise-induced hypoxemia. <b>2010</b> , 44, 107-14		2
707	Impact of gender on benefits of exercise training on sympathetic nerve activity and muscle blood flow in heart failure. <b>2010</b> , 12, 58-65		37
706	Red blood cell deformability and aggregation, cell adhesion molecules, oxidative stress and nitric oxide markers after a short term, submaximal, exercise in sickle cell trait carriers. <b>2010</b> , 45, 39-52		23
705	Exercise training in patients with advanced chronic heart failure (NYHA IIIb) promotes restoration of peripheral vasomotor function, induction of endogenous regeneration, and improvement of left ventricular function. <b>2010</b> , 3, 486-94		136
704	Gas exchange kinetics in obese adolescents. Inferences on exercise tolerance and prescription. <b>2010</b> , 299, R1298-305		43
703	Effects of altering pedal frequency on the slow component of pulmonary VO2 kinetics and EMG activity. <i>International Journal of Sports Medicine</i> , <b>2010</b> , 31, 529-36	3.6	5
702	A mechanomyographic fatigue threshold test for cycling. <i>International Journal of Sports Medicine</i> , <b>2010</b> , 31, 636-43	3.6	11
701	Exercise training improves muscle vasodilatation in individuals with T786C polymorphism of endothelial nitric oxide synthase gene. <b>2010</b> , 42A, 71-7		12
700	Ventilatory efficiency and the selection of patients for heart transplantation. <b>2010</b> , 3, 378-86		39

# (2011-2010)

699	prolonged cycling. <b>2010</b> , 20, 330-9	23
698	The potential role of physical exercise in the treatment of epilepsy. <b>2010</b> , 17, 432-5	45
697	Preliminary study of exercise capacity in post-acute stroke survivors. <b>2010</b> , 26, 175-81	13
696	Aerobic exercise training programmes for improving physical and psychosocial health in adults with Down syndrome. <b>2010</b> , CD005176	8
695	Relationship of potassium ions and blood lactate to ventilation during exercise. <b>2010</b> , 35, 691-8	1
694	Vitamin and mineral supplementation effect on muscular activity and cycling efficiency in master athletes. <b>2010</b> , 35, 251-60	16
693	Effects of long-term exercise training on autonomic control in myocardial infarction patients. <b>2011</b> , 58, 1049-56	74
692	Effects of concurrent training on interleukin-6, tumour necrosis factor-alpha and C-reactive protein in middle-aged men. <b>2011</b> , 29, 1573-81	27
691	Low cardiorespiratory fitness and physical functional capacity in obese patients with schizophrenia. <b>2011</b> , 126, 103-9	74
690	Exercise performance and quality of life is more impaired in Eisenmenger syndrome than in complex cyanotic congenital heart disease with pulmonary stenosis. <b>2011</b> , 150, 177-81	41
689	Aerobic training abolishes ambulatory blood pressure increase induced by estrogen therapy: a double blind randomized clinical trial. <b>2011</b> , 69, 189-94	10
688	Piper rhythm in the activation of the gastrocnemius medialis during running. <b>2011</b> , 21, 178-83	9
687	Classification of muscle activity based on effort level during constant pace running. <b>2011</b> , 21, 566-71	17
686	Lactate threshold predicting time-trial performance: impact of heat and acclimation. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 221-7	25
685	Resposta da cintica de consumo de oxigñio e da eficiñcia mecfiica delta de homens e mulheres em diferentes intensidades de esfor <b>b. 2011</b> , 17, 274-278	1
684	Differences in Physiological Characterization between Yo-Yo Intermittent Recovery Test Level 1 and Level 2 in Japanese College Soccer Players. <b>2011</b> , 9, 33-38	3
683	Highly athletic terrestrial mammals: horses and dogs. <b>2011</b> , 1, 1-37	50
682	Group training in adolescent runners: influence on VO2max and 5-km race performance. <b>2011</b> , 25, 2696-703	1

681	Assessing running economy during field running with changes of direction: application to 20 m shuttle runs. <i>International Journal of Sports Physiology and Performance</i> , <b>2011</b> , 6, 380-95	3.5	34
680	Detecting Outliers in Marathon Data by Means of the Andrews Plot. <b>2011</b> ,		
679	Method of heart rate variability threshold applied in obese and non-obese pre-adolescents. <b>2011</b> , 96, 450-6		3
678	Physiological Exercise Intensity of an Exercise Load Method Utilizing the Stand-Up Exercise: a Comparison of Healthy Young and Senior Males. <b>2011</b> , 26, 89-93		
677	The effects of progressive exercise on cardiovascular function in elite athletes: focus on oxidative stress. <b>2011</b> , 98, 51-8		9
676	Controversies in the physiological basis of the 'anaerobic threshold' and their implications for clinical cardiopulmonary exercise testing. <b>2011</b> , 66, 111-23		138
675	The measurement of lactate threshold in resistance exercise: a comparison of methods. <i>Clinical Physiology and Functional Imaging</i> , <b>2011</b> , 31, 376-81	2.4	23
674	Chronotropic incompetence and abnormal heart rate recovery early after left ventricular assist device implantation. <b>2011</b> , 34, 1607-14		33
673	Lactate-driven equine conditioning programmes. <b>2011</b> , 190, 199-207		17
672	Arterial H+ regulation during exercise in humans. <b>2011</b> , 178, 191-5		23
671	Effect of exercise training on plasma levels and functional properties of high-density lipoprotein cholesterol in the metabolic syndrome. <b>2011</b> , 107, 1168-72		58
670	Estimation of the anaerobic threshold from the data on lung ventilation and heart rate variability. <b>2011</b> , 37, 733-737		2
669	Oxidative stress and nitrite dynamics under maximal load in elite athletes: relation to sport type. <b>2011</b> , 355, 273-9		22
668	The influence of aerobic exercise training on the double product break point in low-to-moderate risk adults. <b>2011</b> , 111, 313-8		7
667	Endurance exercise immediately before sea diving reduces bubble formation in scuba divers. <b>2011</b> , 111, 1047-54		16
666	Acute and chronic effects of exercise on inflammatory markers and B-type natriuretic peptide in patients with coronary artery disease. <b>2011</b> , 100, 77-84		35
665	Associations between physical fitness and HbAâ(t) in type 2 diabetes mellitus. <b>2011</b> , 54, 93-102		45
664	Relation between cigarette smoking and ventilatory threshold in the Japanese. <b>2011</b> , 16, 185-90		8

663	Physical fitness in morbidly obese patients: effect of gastric bypass surgery and exercise training. <i>Obesity Surgery</i> , <b>2011</b> , 21, 61-70	3.7	113
662	Automatic detection of maximal oxygen uptake and ventilatory threshold. <b>2011</b> , 41, 18-23		8
661	VO2 slow component is independent from critical power. <i>International Journal of Sports Medicine</i> , <b>2011</b> , 32, 693-7	3.6	1
660	Regulation of mitochondrial biogenesis and GLUT4 expression by exercise. <b>2011</b> , 1, 921-40		58
659	Eccentric exercise-induced muscle damage dissociates the lactate and gas exchange thresholds. <b>2011</b> , 29, 181-9		14
658	Efficacy of Nordic walking in obesity management. <i>International Journal of Sports Medicine</i> , <b>2011</b> , 32, 407-14	3.6	56
657	Effects of whole-body cryotherapy vs. far-infrared vs. passive modalities on recovery from exercise-induced muscle damage in highly-trained runners. <i>PLoS ONE</i> , <b>2011</b> , 6, e27749	3.7	123
656	Critical power concept adapted for the specific table tennis test: comparisons between exhaustion criteria, mathematical modeling, and correlation with gas exchange parameters. <i>International Journal of Sports Medicine</i> , <b>2011</b> , 32, 503-10	3.6	13
655	A 'new' method to normalise exercise intensity. International Journal of Sports Medicine, 2011, 32, 535-4	<b>1</b> 3.6	47
654	Endurance running trial in tropical environment: a blood rheological study. <b>2011</b> , 47, 261-8		10
6 <sub>54</sub>	Endurance running trial in tropical environment: a blood rheological study. <b>2011</b> , 47, 261-8  Response normalized omni rating of perceived exertion at the ventilatory breakpoint in division I football players. <b>2011</b> , 112, 539-48		10
	Response normalized omni rating of perceived exertion at the ventilatory breakpoint in division I	3.6	
653	Response normalized omni rating of perceived exertion at the ventilatory breakpoint in division I football players. <b>2011</b> , 112, 539-48  VO2 kinetics during heavy and severe exercise in swimming. <i>International Journal of Sports Medicine</i>	3.6	3
653 652	Response normalized omni rating of perceived exertion at the ventilatory breakpoint in division I football players. <b>2011</b> , 112, 539-48  VO2 kinetics during heavy and severe exercise in swimming. <i>International Journal of Sports Medicine</i> , <b>2012</b> , 33, 744-8	3.6	3
653 652 651	Response normalized omni rating of perceived exertion at the ventilatory breakpoint in division I football players. 2011, 112, 539-48  VO2 kinetics during heavy and severe exercise in swimming. International Journal of Sports Medicine, 2012, 33, 744-8  Oxygen uptake efficiency slope, aerobic fitness, and V(E)-VCO2 slope in heart failure. 2012, 44, 428-34	3.6	3 14 12
653 652 651 650	Response normalized omni rating of perceived exertion at the ventilatory breakpoint in division I football players. <b>2011</b> , 112, 539-48  VO2 kinetics during heavy and severe exercise in swimming. <i>International Journal of Sports Medicine</i> , <b>2012</b> , 33, 744-8  Oxygen uptake efficiency slope, aerobic fitness, and V(E)-VCO2 slope in heart failure. <b>2012</b> , 44, 428-34  A simplified approach for the estimation of the ventilatory compensation point. <b>2012</b> , 44, 716-24  The respiratory compensation "point" as a determinant of O2 uptake kinetics?. <i>International</i>		3 14 12 5
653 652 651 650	Response normalized omni rating of perceived exertion at the ventilatory breakpoint in division I football players. 2011, 112, 539-48  VO2 kinetics during heavy and severe exercise in swimming. International Journal of Sports Medicine, 2012, 33, 744-8  Oxygen uptake efficiency slope, aerobic fitness, and V(E)-VCO2 slope in heart failure. 2012, 44, 428-34  A simplified approach for the estimation of the ventilatory compensation point. 2012, 44, 716-24  The respiratory compensation "point" as a determinant of O2 uptake kinetics?. International Journal of Sports Medicine, 2012, 33, 854; author reply 855		<ul> <li>3</li> <li>14</li> <li>12</li> <li>5</li> <li>5</li> </ul>

645	Exercise training attenuates MuRF-1 expression in the skeletal muscle of patients with chronic heart failure independent of age: the randomized Leipzig Exercise Intervention in Chronic Heart Failure and Aging catabolism study. <b>2012</b> , 125, 2716-27		133
644	Blood viscosity and hemodynamics during exercise. <b>2012</b> , 51, 101-9		20
643	The feasibility of cardiopulmonary exercise testing for prescribing exercise to people after stroke. <b>2012</b> , 43, 1075-81		48
642	Estimation of the anaerobic threshold from heart rate variability in an incremental swimming test. <b>2012</b> , 26, 3059-66		19
641	Anaerobic threshold assessment through the ventilatory method during roller-ski skating testing: right or wrong?. <b>2012</b> , 26, 381-7		2
640	Analysis of heart rate deflection points to predict the anaerobic threshold by a computerized method. <b>2012</b> , 26, 1967-74		12
639	Effect of continuous and interval exercise training on the PETCO2 response during a graded exercise test in patients with coronary artery disease. <b>2012</b> , 67, 623-8		21
638	Reverse lactate threshold: a novel single-session approach to reliable high-resolution estimation of the anaerobic threshold. <i>International Journal of Sports Physiology and Performance</i> , <b>2012</b> , 7, 141-51	3.5	13
637	Metabolic monitoring and assessment of anaerobic threshold by means of breath biomarkers. <b>2012</b> , 8, 1069-1080		33
636	Effects of gas exchange on acid-base balance. <b>2012</b> , 2, 2203-54		27
635	Prediction of maximal lactate steady state in runners with an incremental test on the field. <b>2012</b> , 30, 609-16		8
634	[Pulmonary and alveolar ventilation, gas exchanges and arterial blood gases during ramp exercise]. <b>2012</b> , 29, 1017-34		O
633	Effects of habitual physical activity on response to endurance training. <b>2012</b> , 30, 563-9		34
632	The effect of interval training combined with thigh cuffs pressure on maximal and submaximal exercise performance. <i>Clinical Physiology and Functional Imaging</i> , <b>2012</b> , 32, 205-13	2.4	10
631	Cardiac rehabilitation in chronic heart failure: effect of an 8-week, high-intensity interval training versus continuous training. <b>2012</b> , 93, 1359-64		102
630	Changes in human muscle oxygen saturation and mean fiber conduction velocity during intense dynamic exerciseeffect of muscular training status. <b>2012</b> , 46, 746-54		3
630 629	Changes in human muscle oxygen saturation and mean fiber conduction velocity during intense		3

627	Effects of prior short multiple-sprint exercises with different intersprint recoveries on the slow component of oxygen uptake during high-intensity exercise. <b>2012</b> , 37, 1080-90	5
626	Thoracolumbar spinal manipulation and the immediate impact on exercise performance. <b>2012</b> , 11, 233-41	5
625	Interaction between age and aerobic fitness in determining heart rate dynamics. <i>Physiological Measurement</i> , <b>2012</b> , 33, 901-14	14
624	Effects of humoral factors on ventilation kinetics during recovery after impulse-like exercise. <b>2012</b> , 99, 185-93	2
623	Physical and Metabolic Fitness of Children and Adolescents with Intellectual Disability - How to Rehabilitate?. <b>2012</b> ,	
622	Effect of arterial carbon dioxide on ventilation during recovery from impulse exercises of various intensities. <b>2012</b> , 99, 251-60	1
621	Identifica® do limiar anaer®io ventilat®io em crian®s e adolescentes: revis® da literatura. <b>2012</b> , 14,	1
620	Exercise and Lung Function in Child Health and Disease. <b>2012</b> , 234-250	2
619	Influence of road incline and body position on power-cadence relationship in endurance cycling. <b>2012</b> , 112, 2433-41	9
618	From depressive symptoms to depression in people with epilepsy: contribution of physical exercise to improve this picture. <b>2012</b> , 99, 1-13	23
617	Follow up of aerobic capacity in children affected by severe acute respiratory syndrome. <b>2012</b> , 17, 513-8	1
616	Evaluation of anthropometric parameters and physical fitness in elderly Japanese. 2012, 17, 62-8	2
615	Influence of moderate hypoxia on tolerance to high-intensity exercise. <b>2012</b> , 112, 327-35	45
614	Comparisons of local and systemic aerobic fitness parameters between finswimmers with different athlete grade levels. <b>2012</b> , 112, 567-78	13
613	Strength training improves cycling efficiency in master endurance athletes. <b>2012</b> , 112, 631-40	30
612	Oxygen uptake efficiency plateau: physiology and reference values. <b>2012</b> , 112, 919-28	51
611	Minute ventilation and heart rate relationship for estimation of the ventilatory compensation point at high altitude: a pilot study. <b>2013</b> , 2, 7	6
610	Calculating lactate anaerobic thresholds in sports involving different endurance preparation. <b>2013</b> , 11, 12-18	11

609	Simulation of average energy expenditures and related inhalation rates for the U.S. population. <b>2013</b> , 6, 527-539		1
608	Efficiency of twice weekly concurrent training in trained elderly men. <b>2013</b> , 48, 1236-42		29
607	The relationships among critical power determined from a 3-min all-out test, respiratory compensation point, gas exchange threshold, and ventilatory threshold. <b>2013</b> , 84, 232-8		35
606	Greater prognostic value of peak VO2 after exercise training program completion in heart failure patients. <b>2013</b> , 168, 4139-44		5
605	Lactate and heart rate variability threshold during resistance exercise in the young and elderly. <i>International Journal of Sports Medicine</i> , <b>2013</b> , 34, 991-6	3.6	13
604	Chronotropic and pressor effects of water ingestion at rest and in response to incremental dynamic exercise. <b>2013</b> , 98, 1133-43		6
603	Impaired aerobic exercise capacity and cardiac autonomic control in primary antiphospholipid syndrome. <b>2013</b> , 22, 928-31		6
602	Rate of change in physical fitness and quality of life and depression following exercise training in patients with congestive heart failure. <b>2013</b> , 19, 1-5		5
601	Hormonal responses associated with the nadir in blood glucose during graded cycling exercise. <b>2013</b> , 11, 6-11		3
600	Inter-individual differences in breathing pattern at high levels of incremental cycling exercise in healthy subjects. <b>2013</b> , 189, 59-66		7
599	Regulation of cellular gas exchange, oxygen sensing, and metabolic control. <b>2013</b> , 3, 1135-90		49
598	The effects of an aerobic and resistance exercise training program on cognition following stroke. <b>2013</b> , 27, 392-402		97
597	Just noticeable difference in perception of physical exertion during cycle exercise in young adult men and women. <b>2013</b> , 113, 877-85		7
596	Heart rate and blood pressure response to ramp exercise and exercise capacity in relation to age, gender, and mode of exercise in a healthy population. <b>2013</b> , 61, 71-8		67
595	Session perceived exertion and affective responses to self-selected and imposed cycle exercise of the same intensity in young men. <b>2013</b> , 113, 1755-65		13
594	Relative and absolute reliability of the crossover and maximum fat oxidation points and their relationship to ventilatory threshold. <b>2013</b> , 28, e99-e105		8
593	Association between cardiopulmonary exercise and dobutamine stress testing in ambulatory patients with idiopathic dilated cardiomyopathy: a comparison with peak VOâland VE/VCOâlslope. <b>2013</b> , 162, 234-9		8
592	Left ventricular distensibility does not explain impaired exercise capacity in pediatric heart transplant recipients. <b>2013</b> , 32, 63-9		6

591	Vascular reactivity and ACE activity response to exercise training are modulated by the +9/-9 bradykinin Bâlreceptor gene functional polymorphism. <b>2013</b> , 45, 487-92		11
590	Impaired post exercise heart rate recovery in anabolic steroid users. <i>International Journal of Sports Medicine</i> , <b>2013</b> , 34, 931-5	3.6	10
589	[Exercise testing in respiratory medicine]. <b>2013</b> , 67, 16-34		24
588	[Positional paper of the German working group "cardiopulmonary exercise testing" to ventilatory and metabolic (lactate) thresholds]. <b>2013</b> , 138, 275-80		28
587	Evaluating the importance of the carotid chemoreceptors in controlling breathing during exercise in man. <b>2013</b> , 2013, 893506		7
586	The effect of dfferent var <del>a</del> bles on the correlat <del>o</del> n of the selected anaerob <del>c</del> threshold est <del>o</del> n methods. <b>2013</b> , 5, 107-111		
585	Maximal aerobic and anaerobic exercise responses in children with cerebral palsy. <b>2013</b> , 45, 561-8		36
584	Vertical ground reaction force during water exercises performed at different intensities. <i>International Journal of Sports Medicine</i> , <b>2013</b> , 34, 881-7	3.6	33
583	Physiological demands of a simulated BMX competition. <i>International Journal of Sports Medicine</i> , <b>2013</b> , 34, 491-6	3.6	11
582	Estudo morfoquantitativo da parede da aorta de ratos wistar idosos treinados com exercĉio aerbio. <b>2013</b> , 8,		
581	Clinical usefulness of response profiles to rapidly incremental cardiopulmonary exercise testing. <b>2013</b> , 2013, 359021		16
580	Slower heart rate and oxygen consumption kinetic responses in the on- and off-transient during a discontinuous incremental exercise: effects of aging. <b>2013</b> , 17, 69-76		19
579	Aggravation of pulmonary diffusing capacity in highly trained athletes by 6 weeks of low-volume, low-intensity training. <i>International Journal of Sports Physiology and Performance</i> , <b>2013</b> , 8, 648-62	3.5	5
578	How narrow is the spectrum of submaximal speeds in swimming?. <b>2013</b> , 27, 1450-4		6
577	Time-motion analysis, heart rate, and physiological characteristics of international canoe polo athletes. <b>2013</b> , 27, 2816-22		7
576	Determination of maximal lactate steady state in healthy adults: can NIRS help?. <b>2013</b> , 45, 1208-16		45
575	Maximal and ventilatory thresholds of oxygen uptake and rating of perceived exertion responses to water aerobic exercises. <b>2013</b> , 27, 1897-903		30
574	VO2 Kinetics during Moderate Effort in Muscles of Different Masses and Training Level. <b>2013</b> , 2013, 1-9	)	

573	Exercise prescription using the heart of claudication pain onset in patients with intermittent claudication. <b>2013</b> , 68, 974-8		23
572	Laboratory exercise testing. <b>2014</b> , 11-24		2
571	Influence of exercise modality on agreement between gas exchange and heart rate variability thresholds. <b>2014</b> , 47, 706-14		6
570	O baixo consumo de oxigñio tem reflexos nos escores de depress® em idosos. <b>2014</b> , 17, 505-515		
569	Possible influences of exercise-intensity-dependent increases in non-cortical hemodynamic variables on NIRS-based neuroimaging analysis during cognitive tasks: Technical note. <b>2014</b> , 18, 327-32		15
568	Effects of vildagliptin compared with glibenclamide on glucose variability after a submaximal exercise test in patients with type 2 diabetes: study protocol for a randomized controlled trial, DIABEX VILDA. <b>2014</b> , 15, 424		2
567	Cardiac autonomic responses at onset of exercise: effects of aerobic fitness. <i>International Journal of Sports Medicine</i> , <b>2014</b> , 35, 879-85	3.6	13
566	24-h cardiac autonomic profile after exercise in sedentary subjects. <i>International Journal of Sports Medicine</i> , <b>2014</b> , 35, 245-52	3.6	10
565	Oxygen uptake, muscle activity and ground reaction force during water aerobic exercises. <i>International Journal of Sports Medicine</i> , <b>2014</b> , 35, 1161-9	3.6	13
564	The reliability and adaptive responses of gross efficiency in hot ambient conditions. <i>International Journal of Sports Medicine</i> , <b>2014</b> , 35, 817-21	3.6	1
563	Exercise Hemodynamics and Quality of Life after Aortic Valve Replacement for Aortic Stenosis in the Elderly Using the Hancock II Bioprosthesis. <b>2014</b> , 2014, 151282		2
562	Effects of intra-session exercise sequence during water-based concurrent training. <i>International Journal of Sports Medicine</i> , <b>2014</b> , 35, 41-8	3.6	26
561	Physical capacity and quality of life in patients with multiple sclerosis. <b>2014</b> , 35, 97-104		9
560	Exercise training can attenuate the inflammatory milieu in women with systemic lupus erythematosus. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 639-47	3.7	31
559	Fisiologia cardiorespiratoria del movimento. <b>2014</b> , 21, 1-9		
558	Metabolic cost of locomotion during treadmill walking with blood flow restriction. <i>Clinical Physiology and Functional Imaging</i> , <b>2014</b> , 34, 308-16	2.4	15
557	Defining the neurocircuitry of exercise hyperpnoea. <b>2014</b> , 592, 433-44		33
556	Age difference in efficiency of locomotion and maximal power output in well-trained triathletes. <b>2014</b> , 114, 2579-86		8

555	Safety and possible effects of low-intensity resistance training associated with partial blood flow restriction in polymyositis and dermatomyositis. <b>2014</b> , 16, 473	60
554	Oral estrogen therapy may mitigate the effects of aerobic training on cardiorespiratory fitness in postmenopausal women: a double-blind, randomized clinical pilot study. <b>2014</b> , 21, 376-82	
553	Skeletal muscle deoxygenation abnormalities in early post-myocardial infarction. <b>2014</b> , 46, 2062-9	18
552	Exercise testing in the field. <b>2014</b> , 25-42	3
551	Causes of nonlinearity of the oxygen uptake efficiency slope: a prospective study in patients with chronic heart failure. <b>2014</b> , 21, 347-53	5
550	The influence of running and cycling on subsequent maximal muscular performance. <b>2014</b> , 22, 115-122	2
549	Six-minute walk test among heart transplant recipients. <b>2014</b> , 46, 929-33	9
548	Analysis of cardiopulmonary and metabolic variables measured during laboratory and sport-specific incremental tests for table tennis performance prediction. <b>2014</b> , 29, 62-70	5
547	Identification of anaerobic threshold by analysis of heart rate variability during discontinuous dynamic and resistance exercise protocols in healthy older men. <i>Clinical Physiology and Functional Imaging</i> , <b>2014</b> , 34, 98-108	13
546	Ventilatory regulation of arterial H(+) (pH) during exercise. <b>2014</b> , 190, 142-8	22
545	Reproducibility of lactate markers during 4 and 8 min stage incremental running: a pilot study. <b>2014</b> , 17, 635-9	7
544	Energetic considerations of exercise. <b>2014</b> , 19-33	3
543	Fisiologa cardiorrespiratoria del movimiento. <b>2014</b> , 35, 1-10	
542	Softer and more resilient running shoe cushioning properties enhance running economy. <b>2014</b> , 6, 147-153	43
541	[Muscle retraining or aerobic endurance training? What will improve the aerobic capacity of patients with coronary disease in the only 4 weeks?]. <b>2014</b> , 63, 445-50	О
540	Responses to increasing exercise upon reaching the anaerobic threshold, and their control by the central nervous system. <i>BMC Sports Science, Medicine and Rehabilitation</i> , <b>2014</b> , 6, 17	8
539	Assessment of functional impairment after knee anterior cruciate ligament reconstruction using cardiorespiratory parameters: a cross-sectional study. <b>2014</b> , 15, 163	1
538	High-intensity interval training and Ehydroxy-Emethylbutyric free acid improves aerobic power and metabolic thresholds. <b>2014</b> , 11, 16	18

537	Is there a competition for oxygen availability between respiratory and limb muscles?. <b>2014</b> , 196, 8-16		8
536	Stress hyperlactataemia: present understanding and controversy. <b>2014</b> , 2, 339-347		101
535	Modified high-intensity interval training increases peak cardiac power output in patients with heart failure. <b>2014</b> , 114, 1853-62		17
534	Relationship between peak oxygen uptake and regional body composition in Japanese subjects. <b>2014</b> , 3, 233-238		6
533	Does the inverted-U function disappear in expert athletes? An analysis of the attentional behavior under physical exercise of athletes and non-athletes. <b>2014</b> , 131, 87-92		31
532	Anaerobic Threshold and Salivary tamylase during Incremental Exercise. <b>2014</b> , 26, 1059-63		9
531	Endurance sport and "cardiac injury": a prospective study of recreational ironman athletes. <b>2014</b> , 11, 9082-100		26
530	Second ventilatory threshold from heart-rate variability: valid when the upper body is involved?. <i>International Journal of Sports Physiology and Performance</i> , <b>2014</b> , 9, 695-701	3.5	7
529	Energetics of shuttle runs: the effects of distance and change of direction. <i>International Journal of Sports Physiology and Performance</i> , <b>2014</b> , 9, 1033-9	3.5	38
528	Assessment of muscle fatigue by NIRS. <b>2014</b> , 80, DR0167-DR0167		
527	The Effect of Different Standing up Frequencies in Sit-to-stand Exercise on Oxygen Uptake. <b>2014</b> , 26, 1631-3		9
526	Assessment of professional baseball players aerobic exercise performance depending on their positions. <b>2014</b> , 28, 3289-92		4
525	Maximal and ventilatory thresholds cardiorespiratory responses to three water aerobic exercises compared with treadmill on land. <b>2014</b> , 28, 1679-87		19
524	Heart rate deflection point relates to second ventilatory threshold in a tennis test. <b>2015</b> , 29, 765-71		5
523	Ventilatory and Physiological Responses in Swimmers Below and Above Their Maximal Lactate Steady State. <b>2015</b> , 29, 2836-43		6
522	Water-Based Concurrent Training Improves Peak Oxygen Uptake, Rate of Force Development, Jump Height, and Neuromuscular Economy in Young Women. <b>2015</b> , 29, 1846-54		8
521	Effects of 12 weeks of aerobic training on autonomic modulation, mucociliary clearance, and aerobic parameters in patients with COPD. <b>2015</b> , 10, 2549-57		11
520	Criterion Related Validity of Karate Specific Aerobic Test (KSAT). <b>2015</b> , 6, e23807		5

### (2015-2015)

The Clinical Significance of Isocapnic Buffering Phase During Exercise Testing: An Overview. 2015, 519 03, 518 Effects of a Short Physical Exercise Intervention on Patients with Multiple Sclerosis (MS). 2015, 16, 15761-75 32 Aerobic and cardiovascular autonomic adaptations to moderate intensity endurance exercise in 517 17 patients with fibromyalgia. 2015, 47, 639-46 Aerobic Capacity, Physical Activity and Metabolic Risk Factors in Firefighters Compared with Police 516 3.7 41 Officers and Sedentary Clerks. PLoS ONE, 2015, 10, e0133113 Passive Leg Raising Correlates with Future Exercise Capacity after Coronary Revascularization. PLoS 515 3.7 2 ONE. 2015. 10. e0137846 Pre-participation and follow-up screening of athletes for endurance sport. 2015, 7, 385-92 514 17 Ergospirometry and echocardiography in early stage of heart failure with preserved ejection 513 3 fraction and in healthy individuals. 2015, 105, 248-55 Effects of a physical fitness program on memory and blood viscosity in sedentary elderly men. 2015 512 9 , 48, 805-12 Vertical ground reaction force responses to different head-out aquatic exercises performed in 18 511 water and on dry land. 2015, 33, 795-805 Heart rate variability to assess ventilatory threshold in ski-mountaineering. 2015, 15, 615-22 13 Clinical predictors of ventilatory threshold achievement in patients with claudication. 2015, 47, 493-7 6 509 Cardiorespiratory Considerations in Dance: From Classes to Performances. 2015, 19, 91-102 508 18 Aerobic physical exercise improved the cognitive function of elderly males but did not modify their 507 14 blood homocysteine levels. 2015, 5, 13-24 Neuromuscular adaptations to water-based concurrent training in postmenopausal women: effects 506 24 of intrasession exercise sequence. 2015, 37, 9751 Effects of adjunctive exercise on physiological and psychological parameters in depression: a 505 54 randomized pilot trial. 2015, 177, 1-6 Mechanical Impedance and Its Relations to Motor Control, Limb Dynamics, and Motion 504 21 Biomechanics. 2015, 35, 1-20 Effects of two deep water training programs on cardiorespiratory and muscular strength responses 503 31 in older adults. 2015, 64, 55-61 Determination of respiratory point compensation in healthy adults: Can non-invasive near-infrared 502 46 spectroscopy help?. 2015, 18, 590-5

501	Effect of 3-week high-intensity interval training on VO2max, total haemoglobin mass, plasma and blood volume in well-trained athletes. <b>2015</b> , 115, 2349-56		8
500	Consumption of all (Euterpe oleracea Mart.) functional beverage reduces muscle stress and improves effort tolerance in elite athletes: a randomized controlled intervention study. <b>2015</b> , 40, 725-3	3	21
499	Changes in fatigability following intense aerobic exercise training in patients with interstitial lung disease. <b>2015</b> , 109, 517-25		12
498	Effects of Aerobic Training on Cognition and Brain Glucose Metabolism in Subjects with Mild Cognitive Impairment. <b>2015</b> , 46, 747-60		21
497	Incorporating sprint training with endurance training improves anaerobic capacity and 2,000-m Erg performance in trained oarsmen. <b>2015</b> , 29, 22-8		9
496	Active Female Maximal and Anaerobic Threshold Cardiorespiratory Responses to Six Different Water Aerobics Exercises. <b>2015</b> , 86, 267-73		9
495	CO2 pulse and acid-base status during increasing work rate exercise in health and disease. <b>2015</b> , 218, 46-56		7
494	Heat stress exacerbates the reduction in middle cerebral artery blood velocity during prolonged self-paced exercise. <b>2015</b> , 25 Suppl 1, 135-44		23
493	Influence of glycemic control on gain in VO2 peak, in patients with type 2 diabetes enrolled in cardiac rehabilitation after an acute coronary syndrome. The prospective DARE study. <b>2015</b> , 15, 64		11
492	Measurement of functional task difficulty during motor learning: What level of difficulty corresponds to the optimal challenge point?. <b>2015</b> , 43, 107-17		31
491	Heart rate deflection point as an alternative method to identify the anaerobic threshold in patients with type 2 diabetes. <b>2015</b> , 50, 123-128		10
490	The relationship between critical speed and the respiratory compensation point: Coincidence or equivalence. <b>2015</b> , 15, 631-9		19
489	Alternatives to Aerobic Exercise Prescription in Patients with Chronic Heart Failure. <b>2016</b> , 106, 97-104		8
488	Association between Ventilatory Thresholds Related to Aerobic Fitness and MCT1 A1470T Polymorphism. <b>2016</b> , 1,		1
487	Six-minute stepper test: a valid clinical exercise tolerance test for COPD patients. <b>2016</b> , 11, 657-63		23
486	Effects of continuous vs interval exercise training on oxygen uptake efficiency slope in patients with coronary artery disease. <b>2016</b> , 49, e4890		18
485	Graded Maximal Exercise Testing to Assess Mouse Cardio-Metabolic Phenotypes. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148010	3.7	38
484	Psychophysical Differences in Ventilatory Awareness and Breathlessness between Athletes and Sedentary Individuals. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 231	4.6	10

483	Reliability of the Determination of the Ventilatory Threshold in Patients with COPD. 2016, 48, 210-8	3
482	Intensity-Dependent Contribution of Neuromuscular Fatigue after Constant-Load Cycling. <b>2016</b> , 48, 1751-60	75
481	Noninvasive Determination of Anaerobic Threshold Based on the Heart Rate Deflection Point in Water Cycling. <b>2016</b> , 30, 518-24	15
480	Determination of Anaerobic Threshold by Monitoring the O2 Pulse Changes in Endurance Cyclists. <b>2016</b> , 30, 1700-7	
479	Soccer shoe bending stiffness significantly alters game-specific physiology in a 25-minute continuous field-based protocol. <b>2016</b> , 8, 83-90	7
478	Performance and Pacing during Cycle Exercise in Hyperthermic and Hypoxic Conditions. <b>2016</b> , 48, 845-53	31
477	Intestinal and sublingual microcirculation are more severely compromised in hemodilution than in hemorrhage. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 1132-40	18
476	Rponses physiologiques ^lâBxercice en altitude modfe : intft de la mesure de la SpO2. <b>2016</b> , 31, 6-12	
475	Exercise training improves neurovascular control and calcium cycling gene expression in patients with heart failure with cardiac resynchronization therapy. <b>2016</b> , 311, H1180-H1188	14
474	The effects of curvature and constriction on airflow and energy loss in pathological tracheas. <b>2016</b> , 234, 69-78	31
473	Exercise And Heart Failure: Advancing Knowledge And Improving Care. <b>2016</b> , 12, 110-5	22
472	Deviation in the recovery of the lower limb and respiratory muscles of patients with polymyositis: a preliminary clinical study. <b>2016</b> , 28, 2652-2655	2
471	The Effects of Unsupervised Home-based Exercise Upon Functional Capacity After 6 Months of Discharge From Cardiac Rehabilitation: A Retrospective Observational Study. <b>2016</b> , 13, 1230-1235	7
47°	Maturity Status Does Not Exert Effects on Aerobic Fitness in Soccer Players After Appropriate Normalization for Body Size. <b>2016</b> , 28, 456-65	18
469	Physiology. <b>2016</b> , 53-74	2
468	Impaired glucose tolerance after brief heat exposure: a randomized crossover study in healthy young men. <b>2016</b> , 130, 1017-25	8
467	Low Volume Aerobic Training Heightens Muscle Deoxygenation in Early Post-Angina Pectoris Patients. <b>2016</b> , 923, 255-261	1
466	Measuring the short-term substrate utilization response to high-carbohydrate and high-fat meals in the whole-body indirect calorimeter. <b>2016</b> , 4, e12835	11

465	Randomized clinical trial: benefits of aerobic physical activity for 24 weeks in postmenopausal women with nonalcoholic fatty liver disease. <b>2016</b> , 23, 876-83	28
464	Running Energy Cost and Spring-Mass Behavior in Young versus Older Trained Athletes. <b>2016</b> , 48, 1779-86	17
463	Left Ventricular Function and Physiological Performance in Female Ironman Athletes and Female Police Officers. <b>2016</b> , 122, 1002-22	4
462	Prescribing Aerobic Exercise Intensity without a Cardiopulmonary Exercise Test Post Stroke: Utility of the Six-Minute Walk Test. <b>2016</b> , 25, 2222-31	13
461	Effects of Low Volume Aerobic Training on Muscle Desaturation During Exercise in Elderly Subjects. <b>2016</b> , 876, 63-69	2
460	Oxygen Transport to Tissue XXXVII. <b>2016</b> ,	4
459	Rating of perceived exertion in maximal incremental tests during head-out water-based aerobic exercises. <b>2016</b> , 34, 1691-8	14
458	Effect of yelling on maximal aerobic power during an incremental test of cycling performance. <b>2016</b> , 5, 456-461	1
457	Aerobic training enhances muscle deoxygenation in early post-myocardial infarction. 2016, 116, 673-85	17
456	Peripheral vascular reactivity and serum BDNF responses to aerobic training are impaired by the BDNF Val66Met polymorphism. <b>2016</b> , 48, 116-23	28
455	Lactate: Friend or Foe. <b>2016</b> , 8, S8-S15	33
454	Comparison of the influence of age on cycling efficiency and the energy cost of running in well-trained triathletes. <b>2016</b> , 116, 195-201	11
453	Predictive value of ventilatory inflection points determined under field conditions. 2016, 34, 787-93	
452	The association between aerobic fitness and cognitive function in older men mediated by frontal lateralization. <b>2016</b> , 125, 291-300	58
451	Influence of ACTN3 R577X polymorphism on ventilatory thresholds related to endurance performance. <b>2016</b> , 34, 163-70	13
450	Heart rate variability to assess ventilatory thresholds in professional basketball players. <b>2017</b> , 6, 468-473	14
449	Physiological strain to prolonged exercise bouts at the walk-run transition speeds depends on locomotion mode in healthy untrained men. <b>2017</b> , 27, 762-769	3
448	The lactate and ventilatory thresholds in resistance training. <i>Clinical Physiology and Functional Imaging</i> , <b>2017</b> , 37, 518-524	6

# (2017-2017)

447	Assessing the accuracy of algorithm-derived cardiorespiratory fitness in surgical patients: a prospective cohort study. <b>2017</b> , 64, 361-369		1	
446	Dietary nitrate supplementation and exercise tolerance in patients with heart failure with reduced ejection fraction. <b>2017</b> , 312, R13-R22		46	
445	Analysis of heart rate and oxygen uptake kinetics studied by two different pseudo-random binary sequence work rate amplitudes. <b>2017</b> , 240, 70-80		7	
444	Acute exercise elicits differential expression of insulin resistance genes in the skeletal muscle of patients with polycystic ovary syndrome. <b>2017</b> , 86, 688-697		15	
443	Associations of cardiovascular and all-cause mortality events with oxygen uptake at ventilatory threshold. <b>2017</b> , 236, 444-450		24	
442	Systemic and microcirculatory effects of blood transfusion in experimental hemorrhagic shock. <b>2017</b> , 5, 24		11	
441	The acute response to interval and continuous exercise in adults with confirmed airway hyper-responsiveness. <b>2017</b> , 20, 976-980		17	
440	Acute effects of high-intensity interval training and moderate-intensity continuous training sessions on cardiorespiratory parameters in healthy young men. <b>2017</b> , 117, 1437-1444		21	
439	The Respiratory Compensation Point is Not a Valid Surrogate for Critical Power. <b>2017</b> , 49, 1452-1460		27	
438	Sexual dimorphism in heart rate recovery from peak exercise. <b>2017</b> , 117, 1373-1381		4	
437	Acute exercise does not impair renal function in nondialysis chronic kidney disease patients regardless of disease stage. <b>2017</b> , 313, F547-F552		5	
436	Multidimensional improvements induced by an intensive obesity inpatients rehabilitation programme. <b>2017</b> , 22, 329-338		3	
435	Venoarterial PCO-to-arteriovenous oxygen content difference ratio is a poor surrogate for anaerobic metabolism in hemodilution: an experimental study. <b>2017</b> , 7, 65		21	
434	Horizontal ground reaction forces to stationary running performed in the water and on dry land at different physiological intensities. <b>2017</b> , 17, 1013-1020		5	
433	Oral -acetylcysteine and exercise tolerance in mild chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , <b>2017</b> , 122, 1351-1361	3.7	8	
432	Effects of a Physical Activity Program on Cardiorespiratory Fitness and Pulmonary Function in Obese Women after Bariatric Surgery: a Pilot Study. <i>Obesity Surgery</i> , <b>2017</b> , 27, 2026-2033	3.7	19	
432		3.6	19	

429	Oxygen uptake at aerobic threshold is inversely associated with fatal cardiovascular and all-cause mortality events. <b>2017</b> , 49, 698-709		13
428	Vascular Dynamics and Peripheral Oxygen Uptake in Obese Individuals during Progressive Physical Exercise. <b>2017</b> , 94, 493-500		2
427	Contribution of blood oxygen and carbon dioxide sensing to the energetic optimization of human walking. <b>2017</b> , 118, 1425-1433		12
426	Influence of a home-based exercise program on the urine pH in elderly female subjects: a secondary analysis of a randomized controlled trial. <b>2017</b> , 14, 7		
425	The impact of moderate altitude on exercise metabolism in recreational sportsmen: a nuclear magnetic resonance metabolomic approach. <b>2017</b> , 42, 1135-1141		10
424	Creatine Monohydrate Supplementation Does Not Augment Fitness, Performance, or Body Composition Adaptations in Response to Four Weeks of High-Intensity Interval Training in Young Females. <b>2017</b> , 27, 285-292		12
423	Methods of assessment of the post-exercise cardiac autonomic recovery: A methodological review. <b>2017</b> , 227, 795-802		88
422	Exercise in Takayasu Arteritis: Effects on Inflammatory and Angiogenic Factors and Disease-Related Symptoms. <b>2017</b> , 69, 892-902		15
421	Exploring the Potential of Cell-Free-DNA Measurements After an Exhaustive Cycle-Ergometer Test as a Marker for Performance-Related Parameters. <i>International Journal of Sports Physiology and Performance</i> , <b>2017</b> , 12, 597-604	5	18
420	Cardiopulmonary Exercise Test. <b>2017</b> , 58, 654-665		20
419	Limiares de transiß fisiolgica em corredores de montanhas: uma revisß sistem£ica. <b>2017</b> , 19, 751-760		
418	Sex and Exercise Intensity Do Not Influence Oxygen Uptake Kinetics in Submaximal Swimming.  4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4- 4-	6	8
417	Time-Frequency Analysis of Non-Stationary Biological Signals with Sparse Linear Regression Based Fourier Linear Combiner. <i>Sensors</i> , <b>2017</b> , 17,	8	10
416	6MWT Performance and its Correlations with VOâland Handgrip Strength in Home-Dwelling Mid-Aged and Older Chinese. <b>2017</b> , 14,		16
415	Effects of load carriage on physiological determinants in adventure racers. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189516.	7	7
414	Correlation of gas exchange threshold and first muscle oxyhemoglobin inflection point with time-to-exhaustion during heavy-intensity exercise. <b>2017</b> , 57, 171-178		3
413	Physiological and cytokine response to acute exercise under hypoxic conditions: a pilot study. <b>2017</b> , 57, 461-468		4

411	Short-term moderate intensive high volume training program provides aerobic endurance benefit in wheelchair basketball players. <b>2017</b> , 57, 338-344		4
410	Perceptually Regulated Exercise Test Allows Determination of VD2max and Ventilatory Threshold But Not Respiratory Compensation Point In Trained Runners. <i>International Journal of Sports Medicine</i> , <b>2018</b> , 39, 304-313	3.6	О
409	Aerobic and anaerobic threshold determined by specific test in judo is not correlated with general test. <b>2018</b> , 14, 531-535		2
408	Acute physiological responses to low-intensity blood flow restriction cycling. <b>2018</b> , 21, 969-974		20
407	Energy expenditure and EPOC between water-based high-intensity interval training and moderate-intensity continuous training sessions in healthy women. <b>2018</b> , 36, 2053-2060		11
406	Oxygen Uptake Efficiency Slope and Prediction of Post-operative Morbidity and Mortality in Patients with Lung Cancer. <b>2018</b> , 196, 255-262		12
405	Building towards a standardised approach to biocorrosion studies: a review of factors influencing Mg corrosion in vitro pertinent to in vivo corrosion. <b>2018</b> , 61, 475-500		35
404	Respiratory Rate Threshold Accurately Estimates the Second Lactate Threshold. <i>International Journal of Sports Medicine</i> , <b>2018</b> , 39, 291-296	3.6	1
403	Determining the ventilatory inter-threshold area in individuals with different endurance capacities. <b>2018</b> , 53, 91-97		2
402	Lactate Threshold as a Measure of Aerobic Metabolism in Resistance Exercise. <i>International Journal of Sports Medicine</i> , <b>2018</b> , 39, 163-172	3.6	8
401	Perioperative cardiopulmonary exercise testing (CPET): consensus clinical guidelines on indications, organization, conduct, and physiological interpretation. <b>2018</b> , 120, 484-500		216
400	Lactate metabolism: historical context, prior misinterpretations, and current understanding. <b>2018</b> , 118, 691-728		128
399	Water-based aerobic training improves strength parameters and cardiorespiratory outcomes in elderly women. <b>2018</b> , 108, 231-239		15
398	Power Output and Pacing During International Cross-Country Mountain Bike Cycling. <i>International Journal of Sports Physiology and Performance</i> , <b>2018</b> , 13, 1243-1249	3.5	14
397	Lessons from a broad view of science: a response to Dr Robergs' article. <b>2018</b> , 4, e000353		1
396	Aerobic Stimulus Induced by Virtual Reality Games in Stroke Survivors. <b>2018</b> , 99, 927-933		6
395	Evaluation of Seasonal Changes in Fitness, Anthropometrics, and Body Composition in Collegiate Division II Female Soccer Players. <b>2018</b> , 32, 2010-2017		8
394	Non-exhaustive double effort test is reliable and estimates the first ventilatory threshold intensity in running exercise. <b>2018</b> , 7, 197-203		1

393	Carbohydrate intake and training efficacy - a randomized cross-over study. 2018, 36, 942-948	2
392	Pulmonary sequelae and functional limitations in children and adults with bronchopulmonary dysplasia. <b>2018</b> , 26, 55-59	22
391	Short Trail Running Race: Beyond the Classic Model for Endurance Running Performance. <b>2018</b> , 50, 580-588	22
390	Influence of Accelerometer Placement and/or Heart Rate on Energy Expenditure Prediction during Uphill Exercise. <b>2018</b> , 50, 127-133	12
389	Heart rate recovery fast-to-slow phase transition: Influence of physical fitness and exercise intensity. <b>2018</b> , 23, e12521	2
388	Critical Velocity Determined by a Non-Exhaustive Method in Subjects With COPD. <b>2018</b> , 63, 319-325	1
387	Assessing Cardiorespiratory Fitness of Soccer Players: Is Test Specificity the Issue?-A Review. <b>2018</b> , 4, 28	5
386	Modeling of gas exchange dynamics using cycle-ergometer tests. <b>2018</b> , 51, 349-354	2
385	Poor agreement in the calculation of venoarterial PCO to arteriovenous O content difference ratio using central and mixed venous blood samples in septic patients. <b>2018</b> , 48, 445-450	10
384	Glycemic Threshold as an Alternative Method to Identify the Anaerobic Threshold in Patients With Type 2 Diabetes. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1609	O
383	Inter-individual differences in working memory improvement after acute mild and moderate aerobic exercise. <i>PLoS ONE</i> , <b>2018</b> , 13, e0210053	18
382	Ski Mountaineering - Evaluation of a Sports Specific Performance Diagnosis. <b>2018</b> , 32, 233-242	5
381	Effect of moderate exercise intensities on the cortical activity in young adults. 2018, 30, 1257-1261	1
<b>3</b> 80	Does Aerobic Exercise Impair Neuromuscular Function During Water-Based Resistance Exercises?. <b>2018</b> , 89, 465-473	
379	Oxygen consumption during concurrent training: influence of intra-session exercise sequence and aerobic exercise modality. <b>2018</b> , 35, 247-252	3
378	Respiratory Muscle Strength and Exercise Performance in Cystic Fibrosis-A Cross Sectional Study. <b>2018</b> , 6, 244	4
377	The Relationship Between Lactate and Ventilatory Thresholds in Runners: Validity and Reliability of Exercise Test Performance Parameters. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1320	18
376	Stride-to-stride variability and complexity between novice and experienced runners during a prolonged run at anaerobic threshold speed. <b>2018</b> , 64, 7-11	15

375	Nonparametric dynamical model of cardiorespiratory responses at the onset and offset of treadmill exercises. <b>2018</b> , 56, 2337-2351		1
374	The long and winding road: Effects of exercise intensity and type upon sustained attention. <b>2018</b> , 195, 82-89		11
373	A Lactate Kinetics Method for Assessing the Maximal Lactate Steady State Workload. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 310	4.6	7
372	Relationships between internal and external handcycle training load in people with spinal cord injury training for the handbikebattle. <b>2018</b> , 50, 261-268		9
371	A Multi-sensor Approach to Linking Behavior to Job Performance. <b>2018</b> , 59-68		
370	Impact of treatment with glibenclamide or vildagliptin on glucose variability after aerobic exercise in type 2 diabetes: A randomized controlled trial. <b>2018</b> , 143, 184-193		2
369	Whole-Body High-Intensity Interval Training Induce Similar Cardiorespiratory Adaptations Compared With Traditional High-Intensity Interval Training and Moderate-Intensity Continuous Training in Healthy Men. <b>2018</b> , 32, 2730-2742		29
368	A "Between the Overlooked Minimum Lactate Equivalent and Maximal Lactate Steady State in Trained Runners. Back to the Old Days?. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1034	4.6	11
367	Performance Enhancing Effect of Metabolic Pre-conditioning on Upper-Body Strength-Endurance Exercise. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 963	4.6	2
366	A dose-response study of aerobic training for oxygen uptake, oxidative stress and cardiac autonomic function in type 2 diabetes mellitus: study protocol for a randomized controlled trial. <b>2018</b> , 19, 289		3
365	Oxygen Transport Assessment. <b>2018</b> , 77-92		
364	Monitoring Tissue Perfusion in Shock. <b>2018</b> ,		
363	Exercise training attenuates insulin resistance and improves Etell function in patients with systemic autoimmune myopathies: a pilot study. <b>2019</b> , 38, 3435-3442		8
362	Influence of priming exercise on oxygen uptake and muscle deoxygenation kinetics during moderate-intensity cycling in type 2 diabetes. <i>Journal of Applied Physiology</i> , <b>2019</b> , 127, 1140-1149	3.7	8
361	Influence of type 2 diabetes on muscle deoxygenation during ramp incremental cycle exercise. <b>2019</b> , 269, 103258		3
360	High Intensity Long Interval Sets Provides Similar Enjoyment as Continuous Moderate Intensity Exercise. The Troms, Exercise Enjoyment Study. <b>2019</b> , 10, 1788		7
359	Heart rate deflection point as an alternative to determining the anaerobic threshold in dyslipidaemic patients. <b>2019</b> , 25,		
358	Litterfall Deposition and Decomposition in an Atlantic Forest in Southern Goiß. 2019, 26,		O

357	Association Between Deoxygenated Hemoglobin Breaking Point, Anaerobic Threshold, and Rowing Performance. <i>International Journal of Sports Physiology and Performance</i> , <b>2019</b> , 14, 1103-1109	3.5	1
356	Continuous exercise induces airway epithelium damage while a matched-intensity and volume intermittent exercise does not. <b>2019</b> , 20, 12		12
355	Physiological Demands in Sports Practice. <b>2019</b> , 37-44		1
354	Nutritional Ketoacidosis During Incremental Exercise in Healthy Athletes. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 290	4.6	28
353	Effects of an Intensive Inpatient Rehabilitation Program in Elderly Patients with Obesity. <b>2019</b> , 12, 199-	210	4
352	Isocapnic buffering: An inconvenient truth about cardiopulmonary exercise testing in heart failure. <b>2019</b> , 26, 1104-1106		1
351	Relationship between the Kihon Checklist and the clinical parameters in patients who participated in cardiac rehabilitation. <b>2019</b> , 19, 287-292		8
350	Neuromuscular adaptations to sixteen weeks of whole-body high-intensity interval training compared to ergometer-based interval and continuous training. <b>2019</b> , 37, 1561-1569		7
349	The historical context and scientific legacy of John O. Holloszy. <i>Journal of Applied Physiology</i> , <b>2019</b> , 127, 277-305	3.7	7
348	Affective and metabolic responses to self-selected intensity cycle exercise in young men. <b>2019</b> , 205, 9-14		1
347	ERS statement on standardisation of cardiopulmonary exercise testing in chronic lung diseases. <b>2019</b> , 28,		68
346	Relationship Between Respiratory Compensation Point and Anaerobic Threshold in Patients With Heart Failure With Reduced Ejection Fraction. <b>2019</b> , 84, 76-82		1
345	Impact of A Six Week Training Program on Ventilatory Efficiency, Red Blood Cell Rheological Parameters and Red Blood Cell Nitric Oxide Signaling in Young Sickle Cell Anemia Patients: A Pilot Study. <b>2019</b> , 8,		3
344	Acute Low-Intensity Aerobic Exercise Modulates Intracortical Inhibitory and Excitatory Circuits in an Exercised and a Non-exercised Muscle in the Primary Motor Cortex. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1361	4.6	14
343	The efficacy of 'static' training interventions for improving indices of cardiorespiratory fitness in premenopausal females. <b>2019</b> , 119, 645-652		4
342	Differences in lower-limb coordination and coordination variability between novice and experienced runners during a prolonged treadmill run at anaerobic threshold speed. <b>2019</b> , 37, 1021-102	28	9
341	Critical Velocity during Intermittent Running with Changes of Direction. 2019, 51, 308-314		1
340	Hypoalgesia after bicycling at lactate threshold is reliable between sessions. <b>2019</b> , 119, 91-102		11

339	An integrative perspective of the anaerobic threshold. <b>2019</b> , 205, 29-32		12
338	Reliability and Validity of the 6-Minute Step Test for Clinical Assessment of Cardiorespiratory Fitness in People at Risk of Cardiovascular Disease. <b>2020</b> , 34, 1376-1382		5
337	Predicting postoperative complications with the respiratory exchange ratio after high-risk noncardiac surgery: A prospective cohort study. <b>2020</b> , 37, 1050-1057		7
336	The aerobic capacity in patients with antisynthetase syndrome and dermatomyositis. <b>2019</b> , 60, 3		2
335	Serum Lactate and A Relative Change in Lactate as Predictors of Mortality in Patients With Cardiogenic Shock - Results from the Cardshock Study. <b>2020</b> , 53, 43-49		8
334	Short and long-term effects of water-based aerobic and concurrent training on cardiorespiratory capacity and strength of older women. <b>2020</b> , 142, 111103		1
333	Dichloroacetate reveals the presence of metabolic inertia at the start of exercise in rainbow trout (Oncorhynchus mykiss, Walbaum 1792). <b>2020</b> , 97, 1242-1246		1
332	Aerobic fitness and game performance indicators in professional football players; playing position specifics and associations. <b>2020</b> , 6, e05427		6
331	Influence of Specific Collagen Peptides and Concurrent Training on Cardiometabolic Parameters and Performance Indices in Women: A Randomized Controlled Trial. <b>2020</b> , 7, 580918		5
330	Comparison of maximal lactate steady state with anaerobic threshold determined by various methods based on graded exercise test with 3-minute stages in elite cyclists. <i>BMC Sports Science, Medicine and Rehabilitation</i> , <b>2020</b> , 12, 70	2.4	4
329	Running economy in recreational male and female runners with similar levels of cardiovascular fitness. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 508-515	3.7	1
328	An Examination and Critique of Current Methods to Determine Exercise Intensity. <i>Sports Medicine</i> , <b>2020</b> , 50, 1729-1756	10.6	65
327	Validity of dynamical analysis to characterize heart rate and oxygen consumption during effort tests. <b>2020</b> , 10, 12420		1
326	Using Bodyweight as Resistance Can Be a Promising Avenue to Promote Interval Training: Enjoyment Comparisons to Treadmill-Based Protocols. <b>2020</b> , 1-9		2
325	Physiological responses during active video games in spinal cord injury: a preliminary study. <b>2020</b> , 1-8		
324	Cardiorespiratory, Metabolic and Muscular Responses during a Video-Recorded Aerobic Dance Session on an Air Dissipation Platform. <b>2020</b> , 17,		O
323	The time course of physiological adaptations to high-intensity interval training in older adults. <b>2020</b> , 3, 245-251		4
322	The Effects of a Marathon Effort on Psychomotor Performance and Catecholamine Concentration in Runners over 50 Years of Age. <b>2020</b> , 10, 2067		2

321	Cardiac Considerations in Chronic Lung Disease. 2020,		О
320	Water-based continuous and interval training in older women: Cardiorespiratory and neuromuscular outcomes (WATER study). <b>2020</b> , 134, 110914		9
319	Changes in oxygen uptake kinetics after exercise caused by differences in loading pattern and exercise intensity. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 1109-1117	3.7	2
318	Prospective Evaluation of Cardiovascular, Cardiorespiratory, and Metabolic Risk of German Office Workers in Comparison to International Data. <b>2020</b> , 17,		11
317	Exercise prescription in cardiac rehabilitation needs to be more accurate. <b>2020</b> , 2047487320936021		1
316	Examination of Curcumin and Fenugreek Soluble Fiber Supplementation on Submaximal and Maximal Aerobic Performance Indices. <b>2020</b> , 5,		2
315	Correlation of the peak oxygen consumption and ventilatory aerobic threshold by cardiopulmonary exercise testing with atrial fibrillation recurrences after ablation in patients with paroxysmal atrial fibrillation. <b>2020</b> , 36, 456-463		1
314	Improving biologic predictors of cycling endurance performance with near-infrared spectroscopy derived measures of skeletal muscle respiration: E pluribus unum. <b>2020</b> , 8, e14342		9
313	Anaerobic Threshold Biophysical Characterisation of the Four Swimming Techniques. <i>International Journal of Sports Medicine</i> , <b>2020</b> , 41, 318-327	3.6	10
312	Physiological differences between advanced CrossFit athletes, recreational CrossFit participants, and physically-active adults. <i>PLoS ONE</i> , <b>2020</b> , 15, e0223548	3.7	18
311	Mitochondrial lactate metabolism: history and implications for exercise and disease. <b>2021</b> , 599, 863-888		28
310	What Wasserman wrought: a celebratory review of 50 years of research arising from the concept of an 'anaerobic threshold'. <b>2021</b> , 599, 1005		1
309	Veno-arterial CO difference and respiratory quotient after cardiac arrest: An observational cohort study. <b>2021</b> , 62, 131-137		1
308	The effect of menstrual cycle and exercise intensity on psychological and physiological responses in healthy eumenorrheic women. <b>2021</b> , 232, 113290		6
307	The anaerobic threshold: 50+ years of controversy. <b>2021</b> , 599, 737-767		53
306	Reply from David Poole, Harry Rossiter, George Brooks and L. Bruce Gladden. <b>2021</b> , 599, 1715-1716		
305	Contributions by the Cologne group to the development of lactate exercise testing and anaerobic threshold concepts in the 1970s and 1980s. <b>2021</b> , 599, 1713-1714		1
304	Aerobic capacity and respiratory patterns are better in recreational basketball-engaged university students than age-matched untrained males. <b>2021</b> , 13, 111-120		

303	Increased modifiable cardiovascular risk factors in patients with Takayasu arteritis: a multicenter cross-sectional study. <b>2021</b> , 61, 1		2
302	Convergent validity of a simplified device and relationship between blood lactate and salivary lactate after a vertical squat jump in healthy non-athletes. <b>2021</b> , 33, 187-193		О
301	Exercise capacity, cardiovascular and metabolic risk of the sample of German police officers in a descriptive international comparison. <b>2021</b> , 18, 2767-2775		3
300	Relationship Between Decrease of Oxygenation During Incremental Exercise and Partial Pressure End-Tidal Carbon Dioxide: Near-Infrared Spectroscopy Vector Analysis. <b>2021</b> , 1269, 119-124		1
299	Can an Incremental Step Test Be Used for Maximal Lactate Steady State Determination in Swimming? Clues for Practice. <b>2021</b> , 18,		2
298	Associations between peak oxygen uptake, lung function, and bronchiectasis in children with cystic fibrosis in the era of CFTR modulators. <b>2021</b> , 56, 1490-1495		1
297	Does aerobic performance define match running performance among professional soccer players? A position-specific analysis. <b>2021</b> , 29, 336-348		5
296	Clinical Interpretation of Cardiopulmonary Exercise Testing: Current Pitfalls and Limitations. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 552000	4.6	3
295	Oxygen uptake and heart rate kinetics of body mass-based squat exercise in children and adults. <b>2021</b> , 10, 57-66		
294	Predictive Value of Cardiopulmonary Exercise Testing Parameters in Ambulatory Advanced Heart Failure. <b>2021</b> , 9, 226-236		3
293	Critical speed estimated by statistically appropriate fitting procedures. <b>2021</b> , 121, 2027-2038		4
292	Determination of Anaerobic Threshold by a new approach through the incremental exercise using proportion in HR and Ve changes in rowers. <b>2021</b> , 25, 89-97		
291	Energy cost of walking and functional aerobic capacity during moderate intensity exercise in adults with obstructive sleep apnea: a cross-sectional study. <b>2021</b> , 5,		1
290	Comparison of swimming versus running maximal aerobic capacity in helicopter rescue paramedics. <b>2021</b> , 64, 1243-1254		1
289	Dyspnea during exercise and voluntary hyperpnea in women with obesity. <b>2021</b> , 287, 103638		
288	Playing around the anaerobic threshold during COVID-19 pandemic: advantages and disadvantages of adding bouts of anaerobic work to aerobic activity in physical treatment of individuals with obesity. <b>2021</b> , 58, 1329-1341		2
287	Effect of Mathematical Modeling and Fitting Procedures on the Assessment of Critical Speed and Its Relationship With Aerobic Fitness Parameters. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 613066	4.6	1
286	The balance of muscle oxygen supply and demand reveals critical metabolic rate and predicts time to exhaustion. <i>Journal of Applied Physiology</i> , <b>2021</b> , 130, 1915-1927	3.7	6

285	Exercise Improves Cognitive Function-A Randomized Trial on the Effects of Physical Activity on Cognition in Type 2 Diabetes Patients. <b>2021</b> , 11,		4
284	High-intensity interval running impairs subsequent upper limb strength performance. <b>2021</b> , 61, 803-80	9	1
283	Outdoor Uphill Exercise Testing for Trail Runners, a More Suitable Method?. <b>2021</b> , 79, 123-133		O
282	Cardiorespiratory Responses to Constant and Varied-Load Interval Training Sessions. <i>International Journal of Sports Physiology and Performance</i> , <b>2021</b> , 16, 1021-1028	3.5	2
281	Sensitivity of movement features to fatigue during an exhaustive treadmill run. 2021, 1-9		
280	Determinants of climbing energetic costs in humans. <b>2021</b> , 224,		O
279	Temporal Location of High-Intensity Interval Training in Cycling Does Not Impact the Time Spent Near Maximal Oxygen Consumption. <i>International Journal of Sports Physiology and Performance</i> , <b>2021</b> , 16, 1029-1034	3.5	
278	Ventilatory responses at submaximal exercise intensities in healthy children and adolescents during the growth spurt period: a semi-longitudinal study. <b>2021</b> , 121, 3211-3223		O
277	Exercise and health: historical perspectives and new insights. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 575-588	3.7	0
276	Acute Responses to Cycling Exercise With Blood Flow Restriction During Various Intensities. 2021,		
275	Six weeks of high-intensity interval training enhances contractile activity induced vascular reactivity and skeletal muscle perfusion in older adults. <b>2021</b> , 43, 2667-2678		О
274	Mind and Body: The Exercise Connection. <i>Chest</i> , <b>2021</b> , 160, 803-804	5.3	O
273	Respiratory Activity during Exercise: A Feasibility Study on Transition Point Estimation Using Impedance Pneumography. <i>Sensors</i> , <b>2021</b> , 21,	3.8	
272	Agreement between the Heart Rate Variability Threshold and Ventilatory Threshold in Young Women: Impact of Cardiac Parasympathetic Status and Cardiorespiratory Fitness. 1-12		1
271	Sacubitril/valsartan versus enalapril on exercise capacity in patients with heart failure with reduced ejection fraction: A randomized, double-blind, active-controlled study. <b>2021</b> , 239, 1-10		4
270	Decrease of heart rate variability during exercise: an index of cardiorespiratory fitness.		
269	Effects of wearing facemasks on the sensation of exertional dyspnea and exercise capacity in healthy subjects. <i>PLoS ONE</i> , <b>2021</b> , 16, e0258104	3.7	3
268	Interval training during concurrent training optimizes cardiorespiratory adaptations in women. 23,		

267	Carbon Dioxide Expiration and Performance Fatigability Following Aerobic Exercise Training.  Cardiopulmonary Physical Therapy Journal, <b>2021</b> , 32, 3-10	1
266	Perceived Exertion: Subjectivity and Objectivity in Work Intensity Assessment. <b>1986</b> , 149-159	2
265	The Metabolic Systems: Anaerobic Metabolism (Glycolytic and Phosphagen). 2003, 322-360	16
264	Cardiopulmonary Exercise Testing in Chronic Heart Failure. <b>2007</b> , 99-109	3
263	Cerebral Oxygenation Dynamics of the Prefrontal Cortex and Motor-Related Area During Cardiopulmonary Exercise Test: A Near-Infrared Spectroscopy Study. <b>2020</b> , 1232, 231-237	6
262	Sportmedizin. <b>2013</b> , 171-210	3
261	Coordination of Circulation and Respiration During Exercise. <b>1996</b> , 2145-2173	1
260	Lactic Acid and Other Metabolic Indicators of Anaerobiosis in Normal Subjects. <b>1980</b> , 137-144	1
259	Leistung und Leistungsbegrenzung des menschlichen Organismus, interpretiert am Modell thermodynamisch offener Systeme. Ein Beitrag zur Diskussion biologischer Leistungsgrenzen im Hochleistungssport. <b>1981</b> , 69-93	3
258	OBLA Exercise Stress Testing in Health and Disease. <b>1984</b> , 67-91	9
258 257	OBLA Exercise Stress Testing in Health and Disease. <b>1984</b> , 67-91  Laufbandergometrie zur Leistungsdiagnostik im Spitzensport. <b>1985</b> , 68-80	9
257	Laufbandergometrie zur Leistungsdiagnostik im Spitzensport. <b>1985</b> , 68-80	2
<sup>2</sup> 57	Laufbandergometrie zur Leistungsdiagnostik im Spitzensport. <b>1985</b> , 68-80  Metabolismus und hormonelles Verhalten bei aerober und anaerober Muskelarbeit. <b>1987</b> , 741-756  Individual Anaerobic Threshold for Evaluation of Competitive Athletes and Patients with Left	2
<sup>2</sup> 57 <sup>2</sup> 56 <sup>2</sup> 55	Laufbandergometrie zur Leistungsdiagnostik im Spitzensport. 1985, 68-80  Metabolismus und hormonelles Verhalten bei aerober und anaerober Muskelarbeit. 1987, 741-756  Individual Anaerobic Threshold for Evaluation of Competitive Athletes and Patients with Left Ventricular Dysfunction. 1991, 173-179  Transcutaneous Monitoring of pCO2 for the Noninvasive Determination of the Anaerobic	2 1 25
<sup>2</sup> 57 <sup>2</sup> 56 <sup>2</sup> 55 <sup>2</sup> 54	Laufbandergometrie zur Leistungsdiagnostik im Spitzensport. 1985, 68-80  Metabolismus und hormonelles Verhalten bei aerober und anaerober Muskelarbeit. 1987, 741-756  Individual Anaerobic Threshold for Evaluation of Competitive Athletes and Patients with Left Ventricular Dysfunction. 1991, 173-179  Transcutaneous Monitoring of pCO2 for the Noninvasive Determination of the Anaerobic Threshold. 1991, 228-232	2 1 25 1
257 256 255 254 253	Laufbandergometrie zur Leistungsdiagnostik im Spitzensport. 1985, 68-80  Metabolismus und hormonelles Verhalten bei aerober und anaerober Muskelarbeit. 1987, 741-756  Individual Anaerobic Threshold for Evaluation of Competitive Athletes and Patients with Left Ventricular Dysfunction. 1991, 173-179  Transcutaneous Monitoring of pCO2 for the Noninvasive Determination of the Anaerobic Threshold. 1991, 228-232  Exercise Physiology: Performance Diagnostics and Training Control. 1992, 69-103	2 1 25 1

249	EFFECTS OF LOW-LEVEL CARBON MONOXIDE EXPOSURE ON THE ADAPTATION OF HEALTHY YOUNG MEN TO AEROBIC WORK AT AN ALTITUDE OF 1,610 METERS. <b>1978</b> , 101-110	3
248	Pulmonary Function Assessment in the Laboratory during Exercise. <b>2006</b> , 186-204	1
247	The Cardiopulmonary Unit. 1983, 4, 101-110	19
246	The Ventilatory Pump in Exercise. <b>1984</b> , 5, 35-49	15
245	Exercise Testing in the Evaluation of Cardiopulmonary Disease. <b>1984</b> , 5, 173-180	19
244	Interpretation of Clinical Exercise Testing in Respiratory Disease. <b>1984</b> , 5, 189-206	26
243	Influence of daily activity on changes in physical fitness for people with post-stroke hemiplegia. <b>1999</b> , 78, 540-4	29
242	Effect of hemorrhagic shock and reperfusion on the respiratory quotient in swine. <b>1995</b> , 23, 545-52	50
241	Double product response is accelerated above the blood lactate threshold. <b>1997</b> , 29, 503-8	40
240	1996 J.B. Wolffe Memorial Lecture. Challenging beliefs: ex Africa semper aliquid novi. <b>1997</b> , 29, 571-90	103
239	Parasympathetic receptor blockade and the heart rate performance curve. 1998, 30, 229-33	13
238	12-month Tai Chi training in the elderly: its effect on health fitness. <b>1998</b> , 30, 345-51	199
237	Methods for evaluating peak oxygen uptake and anaerobic threshold in upper body of cross-country skiers. <b>1998</b> , 30, 963-70	7
236	The validity of the lactate minimum test for determination of the maximal lactate steady state. <b>1998</b> , 30, 1304-13	104
235	The effect of Tai Chi on cardiorespiratory function in patients with coronary artery bypass surgery. <b>1999</b> , 31, 634-8	99
234	Effects of exercise rehabilitation program on heart rate recovery in patients with chronic heart failure. <b>2006</b> , 13, 67-73	64
233	The effects of exercise training on the kinetics of oxygen uptake in patients with chronic heart failure. <b>2007</b> , 14, 304-11	49
232	The complex relationship between effort and heart rate: a hint from dynamical analysis.	O

231	Physiological Differences Between Advanced Crossfit Athletes, Recreational Crossfit Participants, and Physically-Active Adults.	1
230	A Comparison of Heart Rate Training Load and Perceptual Effort Between Masters and Young Cyclists. <i>International Journal of Sports Physiology and Performance</i> , <b>2020</b> , 15, 759-762	2
229	Continuous Health Interface Event Retrieval. 2020,	1
228	Fatigue Evaluation through Machine Learning and a Global Fatigue Descriptor. <b>2020</b> , 2020, 6484129	9
227	Circulatory status and response to cardiac rehabilitation in patients with heart failure. <b>1996</b> , 94, 1567-72	85
226	Effect of a heart failure program on hospitalization frequency and exercise tolerance. <b>1997</b> , 96, 2842-8	131
225	Abnormal patterns of response to incremental CPET. 34-58	4
224	Ventilatory response and arterial blood gases during exercise in children. <b>1999</b> , 45, 389-96	11
223	Heart rate recovery after exercise and cardiac autonomic nervous activity in children. 2000, 47, 329-35	64
222	Cardiopulmonary coupling during exercise <b>1982</b> , 100, 175-193	81
221	Gas exchange and energy cost of flight in the white-necked raven, Corvus cryptoleucus. <b>1983</b> , 103, 121-130	45
220	Methods for evaluating peak oxygen uptake and anaerobic threshold in upper body of cross-country skiers. <b>1998</b> , 30, 963-970	9
219	Exercise-induced arterial hypertension - an independent factor for hypertrophy and a ticking clock for cardiac fatigue or atrial fibrillation in athletes?. <b>2014</b> , 3, 105	27
218	Time-course of changes in inflammatory response after whole-body cryotherapy multi exposures following severe exercise. <i>PLoS ONE</i> , <b>2011</b> , 6, e22748	99
217	Effects of home-based interval walking training on thigh muscle strength and aerobic capacity in female total hip arthroplasty patients: a randomized, controlled pilot study. <i>PLoS ONE</i> , <b>2014</b> , 9, e108690 <sup>3.7</sup>	13
216	Long maximal incremental tests accurately assess aerobic fitness in class II and III obese men. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124180	6
215	Prediction and Quantification of Individual Athletic Performance of Runners. <i>PLoS ONE</i> , <b>2016</b> , 11, e01573 <i>5</i> 7	8
214	Validity and Reliability of Ventilatory and Blood Lactate Thresholds in Well-Trained Cyclists. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163389	66

213	Neurovascular control during exercise in acute coronary syndrome patients with Gln27Glu polymorphism of <b>2</b> -adrenergic receptor. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173061	3.7	1
212	Residual Exertional Dyspnea in Cardiopulmonary Disease. <b>2020</b> , 17, 1516-1525		2
211	Relationship between exercise capacity and ventilatory equivalent for carbon dioxide in patients with stable old myocardial infarction. <b>1999</b> , 40, 127-34		4
<b>21</b> 0	Differences in cardiorespiratory responses of young and senior male endurance athletes to maximal graded exercise test. <b>2020</b> ,		1
209	Comparison of Maximal Oxygen Uptake and Anaerobic Threshold in Soccer and Handball Players. <b>2017</b> , 21, 171		4
208	Cintica de lactato em diferentes intensidades de exerctios e concentrales de oxigñio. 2000, 6, 50-56		2
207	Teste de exercílio: terminologia e algumas consideralls sobre passado, presente e futuro baseadas em evidíficias. <b>2000</b> , 6, 77-84		8
206	A acurdia da determinab do VO2max e do limiar anaerbio. <b>2005</b> , 11, 167-171		5
205	Treinamento de nata® na intensidade do limiar anaer®io melhora a aptid® funcional de ratos idosos. <b>2008</b> , 14, 533-538		8
204	Development of an anaerobic threshold (HRLT, HRVT) estimation equation using the heart rate threshold (HRT) during the treadmill incremental exercise test. <b>2017</b> , 21, 43-49		7
203	Lactate as a key metabolic intermediate in cancer. <b>2019</b> , 7, 210		4
202	Is the intracellular pH threshold an anaerobic threshold from the view point of intracellular events?: a brief review. <b>1996</b> , 15, 59-65		5
201	A comparison of the point of deflection from linearity of heart rate and the ventilatory threshold in the determination of the anaerobic threshold in Indian boys. <b>2007</b> , 26, 31-7		3
200	Variation of aerobic performance indices of professional elite soccer players during the annual macrocycle. <b>2019</b> , 59, 1628-1634		2
199	Fat Oxidation Kinetics Is Related to Muscle Deoxygenation Kinetics During Exercise. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 571	4.6	2
198	The stress exercise test and oxygen uptake in normal Korean men. <b>1986</b> , 1, 145-52		1
197	The Differences in Cardiac Rehabilitation Outcomes by Age in Myocardial Infarction: A Preliminary Study. <b>2017</b> , 41, 1047-1054		3
196	Acute Effect of Different Patterns of Exercise on Mood, Anxiety and Cortical Activity. <b>2014</b> , 2,		2

## (2008-2015)

195	The influence of aerobic fitness status on ventilatory efficiency in patients with coronary artery disease. <b>2015</b> , 70, 46-51	5
194	Vocal and locomotor coordination develops in association with the autonomic nervous system. <b>2019</b> , 8,	8
193	INFLUENCE OF LOW-INTENSITY CIRCUIT TRAINING ON ARTERY STIFFNESS IN FEMALE. <b>2005</b> , 54, 205-210	3
192	Sportspecific performance diagnosis in ski mountaineering âl£omparison of a sportspecific cardiopulmonary exercise test on a treadmill versus outdoors and at altitude, a pilot study. <b>2021</b> , 16, 16-25	Ο
191	Aerobic and combined water-based trainings in older women: effects on strength and cardiorespiratory outcomes. <b>2021</b> ,	
190	Prolonged Sojourn at Very High Altitude Decreases Sea-Level Anaerobic Performance, Anaerobic Threshold, and Fat Mass. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 743535	O
189	Health Walking Preferentially Decreases Higher Blood Pressure and Improves Mood. 2021, 3, 639-646	
188	Identification of Non-Invasive Exercise Thresholds: Methods, Strategies, and an Online App. <i>Sports Medicine</i> , <b>2021</b> , 1	4
187	Anaerobic Metabolism and Endurance Performance. <b>2000</b> , 311-327	1
186	Diagnostik und Beurteilung der kfiperlichen Leistungsfügkeit. <b>2000</b> , 295-315	
186 185	Diagnostik und Beurteilung der kfiperlichen Leistungsffligkeit. <b>2000</b> , 295-315  Metabolische Funktion bei Belastung. <b>2001</b> , 13-17	
185	Metabolische Funktion bei Belastung. <b>2001</b> , 13-17	1
185	Metabolische Funktion bei Belastung. 2001, 13-17  Chronische Herzinsuffizienz. 2003, 187-204	1
185 184 183	Metabolische Funktion bei Belastung. 2001, 13-17  Chronische Herzinsuffizienz. 2003, 187-204  Trainingsempfehlungen im Gesundheitssport. 2003, 35-50	
185 184 183	Metabolische Funktion bei Belastung. 2001, 13-17  Chronische Herzinsuffizienz. 2003, 187-204  Trainingsempfehlungen im Gesundheitssport. 2003, 35-50  Heart Rate and Blood Lactate level during Walking and Running Exercise in Dry Cows. 2006, 77, 425-431	
185 184 183 182	Metabolische Funktion bei Belastung. 2001, 13-17  Chronische Herzinsuffizienz. 2003, 187-204  Trainingsempfehlungen im Gesundheitssport. 2003, 35-50  Heart Rate and Blood Lactate level during Walking and Running Exercise in Dry Cows. 2006, 77, 425-431  Waluation fonctionnelle des patients atteints de pathologies respiratoires. 2007, 83-92	

177	Valuation fonctionnelle des patients atteints de pathologies respiratoires. 2009, 107-116	
176	Oxygen Content, Delivery, and Uptake. <b>2010</b> , 491-506	
175	Metabolische Funktion bei Belastung. <b>2010</b> , 13-17	2
174	Changes of cardiopulmonary function, blood cell parameters, erythropoietin, and cytokines after successive altitude training in marathoners <b>2011</b> , 20, 119-130	2
173	Muscle Fatigue Analysis Based on Electromyography Signals for The Evaluation of Low-Level Laser Therapy. <b>2011</b> , 32, 319-327	1
172	Oxygen uptake efficiency slope calculations based on heart rate reserve endpoints in young, intellectually disabled individuals. <b>2012</b> , 1, 703-707	1
171	Muskelarbeit erfordert Sauerstoff und Energie. <b>2014</b> , 147-168	
170	Diagnostische Verfahren der Ausdauerleistungsffligkeit. <b>2014</b> , 169-192	
169	Neue Aspekte zur Beurteilung der kliperlichen Leistungsfliigkeit. <b>1977</b> , 1764-1766	
168	Nichtinvasive Bestimmung des Herzzeitvolumens mittels submaximaler Spiroergometrie bei koronarer Herzkrankheit. <b>1977</b> , 1761-1764	1
167	Major Trends In Exercise Physiology: Recent Findings And Their Implications For Perfection Of The Human Organism. <b>1980</b> , 101-123	
166	Die spiroergometrische Bestimmung der âllnaeroben Schwelleâlbei gestfter Lungenfunktion. <b>1980</b> , 1139-1142	
165	Automated Estimation of Respiratory Dead Space: Tidal Volume Ratio. 1980, 27-32	
164	HUMORAL CONTROL OF VENTILATION DURING EXERCISE IN MAN. <b>1981</b> , 285-297	
163	Untersuchungsmethoden. <b>1982</b> , 7-111	
162	Ergometry: A Method for the Adjusted Common Functional and Metabolic Response Testing. <b>1984</b> , 111-120	1
161	Anaerobic Threshold and Oxygen Pulse as Fitness Criteria in Submaximal and in Peak Exercise Testing. <b>1984</b> , 106-110	
160	Verhalten der Plasmakatecholamine bei Ausdauerbelastungen unterschiedlicher Intensit <b>fl. 1984</b> , 153-157	2

159	Exercise tests. <b>1984</b> , 110-121	
158	Ventilatory Thresholds during Treadmill Exercise in Kindergarten Children. <b>1984</b> , 571-577	
157	Ventilatory Thresholds as an Estimate of Cardiorespiratory Performance Capacity in Children with Congenital Heart Disease. <b>1984</b> , 579-584	
156	Pulmonary Function and Exercise Testing. <b>1984</b> , 177-221	
155	Grundlagen der Belastungsuntersuchung und Leistungsbeurteilung. <b>1985</b> , 461-597	4
154	Bung und Training in Kindheit und Jugend. <b>1986</b> , 324-342	1
153	Lungenfunktion, Atmung, Gasstoffwechsel im Sport. <b>1986</b> , 144-168	
152	Untersuchungen zur Entwicklung eines Trainingsgeffäls zur Intensit <b>t</b> ssteuerung des Dauerlauftrainings bei lteren Frauen und Mänern. <b>1987</b> , 34-38	
151	Ber die Mglichkeit der Steuerung der Belastungsintensit Ber die Atemfrequenz beim Schwimmen. <b>1987</b> , 46-49	
150	Hormonelles Verhalten bei kfiperlicher Belastung und Bertraining: Mßlichkeiten einer hormonellen Trainingssteuerung. <b>1988</b> , 256-269	
149	The Influence of Starch and Sugar Intake on Physical Performance. <b>1989</b> , 193-212	
148	The Effect of Exercise Intensity on the Linearity of Ventilatory and Gas Exchange Responses to Exercise. <b>1989</b> , 101-109	
147	A General-Purpose Model for Investigating Dynamic Cardiopulmonary Responses During Exercise. <b>1989</b> , 155-164	
146	On Smoothing Gas Exchange Data and Estimation of the Ventilatory Threshold. <b>1989</b> , 121-130	
145	Clinical Effects of Partial Correction of Anemia Using Recombinant Human Erythropoietin on Working Capacity in Dialysis Patients. <b>1989</b> , 156-164	
144	The Anaerobic Threshold as a Tool in Medicine. <b>1991</b> , 1-11	
143	Comparison between Ergometric Methods of Investigation and Field Tests. <b>1991</b> , 215-227	
142	Exercise in Pregnancy: Effects on Metabolism. <b>1991</b> , 237-249	

141	Oxygen Delivery and Utilization in Acute and Chronic Disease. <b>1991</b> , 124-131	O
140	Evaluation of the Cardiopulmonary Exercise Tolerance in Patients with Coronary Artery Disease (CAD) and Chronic Heart Failure (CHF). <b>1991</b> , 85-93	1
139	Asymmetrical Transients of Cardiorespiratory Variables in Response to Ascending and Descending Ramp Forcings of Exercise Load. <b>1992</b> , 229-236	
138	Physiological testing in sport performance. <b>1993</b> , 176-186	
137	Spiroergometrie. <b>1996</b> , 293-301	
136	Determining the Lactate Threshold in Patients with Severe Chronic Obstructive Pulmonary Disease. <b>1996</b> , 191-197	
135	Literatur. <b>1997</b> , 105-118	
134	Exercise in Pregnancy: Effects on Cardiorespiratory Physiology and Metabolism. <b>1998</b> , 319-333	
133	Zmily sportovnivilonnosti ve vylihadmolik vile u biliha lylih. <b>2014</b> , 8, 101-108	1
132	Ausdauer. <b>2016</b> , 179-211	
131	Dreiphasigkeit der Energiebereitstellung. <b>2017</b> , 95-101	2
130	Energy Expenditure Changes of Individual Boxing Movement Following Training. <b>2017</b> , 56, 539-549	1
129	Heart Rate Variability Analysis in Exercise Physiology. <b>2017</b> , 249-280	
128	Bibliographie. <b>2018</b> , 185-198	
127	Matematiksel Kritik E <b>i</b> k Kavram <b>-2018</b> , 28, 220-236	
126	Nolution anthropomtrique et physiologique des surfeurs de haut niveau. Recherche de paramtres associs îla performance. <b>2019</b> , 31, 171-183	
125	Determination of heart rate threshold from heart rate kinetics during maximal graded exercise in soccer players. 21,	0

## (2007-2020)

123	Effects of Playing Surface on Physiological Responses and Performance Variables of Hockey Players. <b>2020</b> , 769-774	
122	Effect of Body Weight of Wheelchair Care Recipient on Physical Activity Intensity of Assistant Person. <b>2020</b> , 494-501	
121	Cardiac rehabilitation in patients with refractory angina trial: rationale and design (Preprint).	
120	Strategies to Ensure Accurate Calculation of Parameters of the VO2 Response Profile During Heavy Intensity Cycle Ergometer Exercise. <b>2019</b> , 2,	1
119	An easy method to correct the bias of non-metabolic CO2 release on indirect calorimetry. <b>2019</b> , 178,	
118	Cardiovascular Comorbidity in Chronic Lung Disease: The Role of Cardiopulmonary Exercise Testing. <b>2020</b> , 115-147	
117	The ratio of heart rate to heart rate variability reflects sympathetic activity during incremental cycling exercise. <b>2021</b> , 1-10	1
116	Acid-Base Balance. <b>1983</b> , 85-97	
115	Exercise Intensity during 6-Minute Walk Test in Patients with Peripheral Artery Disease. <b>2020</b> , 114, 486-492	2
114	Acute carnosine and Ealanine supplementation increase the compensated part of the ventilation versus work rate relationship during a ramp incremental cycle test in physically active men. <b>2021</b> , 61, 37-43	O
113	Specific Populations: Paediatric and Adolescent Athletes. <b>2020</b> , 439-469	1
112	Non-invasive Lactate Threshold Estimation Using Machine Learning. <b>2020</b> , 96-104	
111	Sportmedizinische Anwendung: Laktat- und Leistungsdiagnostik. <b>2020</b> , 1-27	
110	Validity of dynamical analysis to characterize heart rate and oxygen consumption during effort tests.	
109	Influence of a 2-km Swim on the Cycling Power-Duration Relationship in Triathletes. 2020,	1
108	Physical fitness and cardiovascular risk factors in the novel diabetes subgroups. 2021,	O
107	Chronische Herzinsuffizienz. <b>2007</b> , 289-302	1
106	Belastungsuntersuchungen: Praktische Durchffirung und Interpretation. <b>2007</b> , 39-66	

105	Laboratory and Field Techniques for Measuring Performance. 2008, 114-131		
104	Effects of high intensity interval training on neuro-cardiovascular dynamic changes and mitochondrial dysfunction induced by high-fat diet in rats. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240060	3.7	1
103	Evaluation of Heart Rate, Work Rate and O2 Uptake Relationships During Constant Load Exercise Test Work Load at the Anaerobic Threshold in Healthy Male. 550-555		
102	Karlman Wasserman, MD, PHD, Physiologist and Physician-Scientist: 1927â2020. <b>2020</b> , 9, 95-96		
101	Effects of 2 Models of Aquatic Exercise Training on Cardiorespiratory Responses of Patients With Type 2 Diabetes: The Diabetes and Aquatic Training Study-A Randomized Controlled Trial. <b>2020</b> , 17, 10	)91-109	99 <sup>O</sup>
100	Exercise Testing in Cardiac Rehabilitation. <b>1985</b> , 3, 223-244		
99	The complex relationship between effort and heart rate: a hint from dynamic analysis. <i>Physiological Measurement</i> , <b>2020</b> , 41, 105003	2.9	1
98	Case of detection of heart mixomas on the results of cardiopulmonary load test. <b>2020</b> , 98, 470-472		
97	The Anaerobic Threshold Measurement in Exercise Testing. <b>1984</b> , 5, 77-88		30
96	Exercise Impairment in Chronic Obstructive Pulmonary Disease. <b>1984</b> , 5, 121-143		25
95	Induction of the acrosome reaction in guinea-pig spermatozoa in vitro by the Ca ionophore A23187 [proceedings]. <b>1976</b> , 260, 18P-19P		3
94	Hibernating myocardium in post-ischaemic heart failure: pathophysiology, identification and revascularisation. <b>2000</b> , 82, 236-42		
93	Anaerobic threshold: its concept and role in endurance sport. <b>2004</b> , 11, 24-36		38
92	The influence of weight loss on anaerobic threshold in obese women. <b>2010</b> , 9, 564-71		2
91	Comparison of Lactate Threshold, Glucose, and Insulin Levels Between OLETF and LETO Rats After All-Out Exercise. <b>2009</b> , 8, 381-7		3
90	Differences between the Vastus Lateralis and Gastrocnemius Lateralis in the Assessment Ability of Breakpoints of Muscle Oxygenation for Aerobic Capacity Indices During an Incremental Cycling Exercise. <b>2012</b> , 11, 606-13		9
89	Cardiorespiratory responses to stationary running in water and on land. <b>2013</b> , 12, 594-600		22
88	Respiratory gas exchange indices for estimating the anaerobic threshold. <b>2005</b> , 4, 29-36		50

87	Physiological responses to 90 s all out isokinetic sprint cycling in boys and men. <b>2005</b> , 4, 437-45		5
86	Intra- and inter-observer reliability in selection of the heart rate deflection point during incremental exercise: comparison to a computer-generated deflection point. <b>2002</b> , 1, 115-21		4
85	Reliability and accuracy of six hand-held blood lactate analysers. <b>2015</b> , 14, 203-14		48
84	Metabolic Demand of Paralympic Alpine Skiing in Sit-Skiing Athletes. <b>2015</b> , 14, 819-24		3
83	Aerobic And Anaerobic Changes In Collegiate Male Runners Across A Cross-County Season. <i>International Journal of Exercise Science</i> , <b>2010</b> , 3, 225-232	1.3	5
82	Comparison of Level and Graded Treadmill Tests to Evaluate Endurance Mountain Runners. <b>2016</b> , 15, 239-46		10
81	Association between different Non-Invasively Derived Thresholds with Lactate Threshold during graded incremental exercise. <i>International Journal of Exercise Science</i> , <b>2018</b> , 11, 391-403	1.3	1
80	A Two-test Protocol for the Precise Determination of the Maximal Lactate Steady State. <i>International Journal of Exercise Science</i> , <b>2018</b> , 11, 681-695	1.3	
79	Assessment of Cardiorespiratory and Metabolic Responses in Women with Obesity After Surgically Induced Weight Loss: Results from a Pilot Study. <i>Obesity Surgery</i> , <b>2021</b> , 1	3.7	
78	Effects of surgical masks on the responses to constant work-rate cycling performed at different intensity domains. <i>Clinical Physiology and Functional Imaging</i> , <b>2021</b> , 42, 43	2.4	1
77	Oxygen Uptake at Critical Speed and Power in Running: Perspectives and Practical Applications <i>International Journal of Sports Physiology and Performance</i> , <b>2021</b> , 1-7	3.5	O
76	Obesity Increases Gene Expression of Markers Associated With Immunosenescence in Obese Middle-Aged Individuals <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 806400	8.4	O
75	Exercüio füico e doenüs reumatolüicas inflamatüas e autoimunes: evidñcias cientücas e aplicaüs prücas. <i>Revista Paulista De Reumatologia</i> , <b>2014</b> , 11-27	0.1	
74	Bibliographie. <b>2017</b> , 277-290		O
73	Estimation of carbon-dioxide production during cycling by using a set-membership observer. 2021,		
72	The effects of exercise intensity and duration on the relationship between the slow component of VO and peripheral fatigue <i>Acta Physiologica</i> , <b>2022</b> , e13776	5.6	
71	Kinetics of neuropeptide Y, catecholamines, and physiological responses during moderate and heavy intensity exercises <i>Neuropeptides</i> , <b>2022</b> , 92, 102232	3.3	2
70	Phenotyping Cardiopulmonary Exercise Limitations in Chronic Obstructive Pulmonary Disease <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 816586	4.6	1

69	Perceptual and Ventilatory Responses to Hypercapnia in Athletes and Sedentary Individuals <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 820307	4.6	
68	Exploration of an Inflection Point of Ventilation Parameters with Anaerobic Threshold Using Strucchange <i>Sensors</i> , <b>2022</b> , 22,	3.8	
67	A Computer-Aided Recognition Method of Heart Rate Deflection Point. 2021,		
66	A Personal Biography of a Physiological Misnomer: The Anaerobic Threshold. <i>International Journal of Sports Medicine</i> , <b>2021</b> ,	3.6	
65	Creatine supplementation and VOmax: a systematic review and meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-12	11.5	О
64	Acute Effect of Electromyostimulation Superimposed on Running on Maximal Velocity, Metabolism, and Perceived Exertion <i>Biology</i> , <b>2022</b> , 11,	4.9	
63	Data_Sheet_1.PDF. <b>2019</b> ,		
62	Data_Sheet_1.ZIP. <b>2019</b> ,		
61	Data_Sheet_2.ZIP. <b>2019</b> ,		
60	Table_1.docx. <b>2019</b> ,		
59	9/3-Minute Running Critical Power Test: Mechanical Threshold Location With Respect to Ventilatory Thresholds and Maximum Oxygen Uptake <i>International Journal of Sports Physiology and Performance</i> , <b>2022</b> , 1-8	3.5	O
58	Cardiorespiratory Parameters Comparison Between Incremental Protocols Performed in Aquatic and Land Environments by Healthy Individuals: A Systematic Review and Meta-Analysis <i>Sports Medicine</i> , <b>2022</b> ,	10.6	1
57	Modeling VO on-kinetics based on intensity-dependent Delayed Adjustment and Loss of Efficiency		2
	(DALE) Journal of Applied Physiology, <b>2022</b> ,	3.7	
56	(DALE) Journal of Applied Physiology, 2022,  Effects of low-intensity exercise training (Chronic Obstructive Pulmonary Disease Sitting Calisthenics) in patients with stable Chronic Obstructive Pulmonary Disease. 2011, 2, 5-12	3.7	5
56 55	Effects of low-intensity exercise training (Chronic Obstructive Pulmonary Disease Sitting	3·7 4·9	
	Effects of low-intensity exercise training (Chronic Obstructive Pulmonary Disease Sitting Calisthenics) in patients with stable Chronic Obstructive Pulmonary Disease. <b>2011</b> , 2, 5-12  Modelling 5-km Running Performance on Level and Hilly Terrains in Recreational Runners. <i>Biology</i> ,		5
55	Effects of low-intensity exercise training (Chronic Obstructive Pulmonary Disease Sitting Calisthenics) in patients with stable Chronic Obstructive Pulmonary Disease. <b>2011</b> , 2, 5-12  Modelling 5-km Running Performance on Level and Hilly Terrains in Recreational Runners. <i>Biology</i> , <b>2022</b> , 11, 789  Impact of body fat, body water content, and skeletal muscle mass index on peak salivary lactate levels after squat jump exercise in healthy non-athlete adult males. <i>BMC Sports Science, Medicine</i>	4.9	5 O

51	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	0
50	Pick your threshold: a comparison among different methods of anaerobic threshold evaluation in heart failure prognostic assessment <i>Chest</i> , <b>2022</b> ,	5.3	O
49	Neuromuscular and perceptual mechanisms of fatigue accompanying task failure in response to moderate-, heavy-, severe-, and extreme-intensity cycling. <i>Journal of Applied Physiology</i> ,	3.7	2
48	Repeatability of ventilatory, metabolic and biomechanical responses to an intermittent incremental swimming protocol. <i>Physiological Measurement</i> ,	2.9	1
47	Cardiorespiratory Insufficiency and Performance Fatigability in Women With Systemic Lupus Erythematosus. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2022</b> , Publish Ahead of Print,	1	0
46	Cardiorespiratory fitness status of elite handball referees in Hungary. <i>PLoS ONE</i> , <b>2022</b> , 17, e0270999	3.7	1
45	Lactate Thresholds and the Simulation of Human Energy Metabolism: Contributions by the Cologne Sports Medicine Group in the 1970s and 1980s. <i>Frontiers in Physiology</i> , 13,	4.6	2
44	Hypotension on cardiopulmonary stress test predicts 90´day mortality after LVAD implantation in INTERMACS 3âB patients. <i>ESC Heart Failure</i> ,	3.7	
43	Temporal changes in cortical oxygenation in the motor-related areas and bilateral prefrontal cortex based on exercise intensity and respiratory metabolism during incremental exercise in male subjects: A near-Infrared spectroscopy study. 13,		0
42	L-menthol administration facilitates breathing comfort during exhaustive endurance running and improves running capacity in well-trained runners: A randomized crossover study. 1-25		
41	Effect of daily intake of a rice fermented beverage on endurance exercise performance in male college student athletes. <b>2022</b> , 11, 279-294		0
40	Beziehung zwischen Laktat- und anderen Schwellenkonzepten. <b>2022</b> , 265-293		0
39	Laktatschwellenkonzepte. <b>2022</b> , 205-264		0
38	Die Bedeutung des Laktats im historischen Kontext. <b>2022,</b> 5-28		0
37	Decrease of heart rate variability during exercise: An index of cardiorespiratory fitness. <b>2022</b> , 17, e0273	981	1
36	Impact of acute complex exercise on inhibitory control and brain activation: a functional near-infrared spectroscopy study.		Ο
35	Cardiopulmonary exercise testing for patients with anorexia nervosa: a caseâdontrol study.		0
34	Beyond Mechanical Tension: A Review of Resistance Exercise-Induced Lactate Responses & Muscle Hypertrophy. <b>2022</b> , 7, 81		O

33	Energy Expenditure Estimation in Children, Adolescents and Adults by Using a Respiratory Magnetometer Plethysmography System and a Deep Learning Model. <b>2022</b> , 14, 4190	O
32	Ratio of carbon dioxide veno-arterial difference to oxygen arterial-venous difference is not associated with lactate decrease after fluid bolus in critically ill patients with hyperlactatemia: results from a prospective observational study.	O
31	The Value of Cardiopulmonary Exercise Testing as a Predictor of Mortality in Heart Failure. <b>2022</b> , 162, 957-958	O
30	A Cloth Facemask Causes No Major Respiratory or Cardiovascular Perturbations During Moderate to Heavy Exercise. <b>2022</b> , 1-10	O
29	Physiological Responses to Exercise in Hypoxia in Preterm Adults: Convective and Diffusive Limitations in the O2 Transport. Publish Ahead of Print,	О
28	A method of determining anaerobic threshold from percutaneous oxygen saturation. <b>2022</b> , 12,	O
27	A Human Model of the Effects of an Instant Sheer Weight Loss on Cardiopulmonary Parameters during a Treadmill Run. <b>2023</b> , 12, 98	О
26	Cardiopulmonary examinations of athletes returning to high-intensity sport activity following SARS-CoV-2 infection. <b>2022</b> , 12,	1
25	Segmented session perceived exertion and affective responses to self-paced treadmill exercise.	О
24	Exercise Capacity and Health-Related Quality of Life in Patients After Lung Resection for Non-small Cell Lung Cancer. <b>2022</b> , 111-134	O
23	Sportmedizin. <b>2022</b> , 199-245	О
22	Variability in exercise tolerance and physiological responses to exercise prescribed relative to physiological thresholds and to maximum oxygen uptake.	O
21	Easy Prediction of the Maximal Lactate Steady-State in Young and Older Men and Women. 68-74	0
20	Look to the starsâß there anything that public health and rehabilitation can learn from elite sports?. 4,	O
19	Effects of physical training on functional, clinical, morphological, behavioural and psychosocial outcomes in post-COVID-19 infection: COVID-19 and REhabilitation study (CORE-study)âll study protocol for a randomised controlled clinical trial. <b>2023</b> , 24,	О
18	Effects of a Maximal Exercise Followed by a Submaximal Exercise Performed in Normobaric Hypoxia (2500 m), on Blood Rheology, Red Blood Cell Senescence, and Coagulation in Well-Trained Cyclists. <b>2023</b> , 13, 179	O
17	Impact of Resistance Training Volume on Physical and Perceptual Outcomes of Breast Cancer Survivors Submitted to a Combined Training Program: A Randomized, Single-Blinded Study. <b>2023</b> , 1-13	О
16	Ratio of carbon dioxide veno-arterial difference to oxygen arterial-venous difference is not associated with lactate decrease after fluid bolus in critically ill patients with hyperlactatemia: results from a prospective observational study. <b>2023</b> , 23,	O

## CITATION REPORT

15	Respiratory Exchange Ratio guided management in high-risk noncardiac surgery: The OPHIQUE multicentre randomised controlled trial. <b>2023</b> , 42, 101221	0
14	A Meta-analysis of the Effects of High-Intensity Interval Training and Small-Sided Games on Sprint Performance in Adolescents. <b>2023</b> , Publish Ahead of Print,	O
13	Estimated Standard Values of Aerobic Capacity According to Sex and Age în a Japanese Population: A Scoping Review.	0
12	The assessment of affective responses within exercise prescription: A narrative review.	O
11	Physiological demands and physical performance determinants of a new firefighting simulation test. 1-13	0
10	Sportmedizinische Anwendung: Laktat- und Leistungsdiagnostik. <b>2023</b> , 641-667	O
9	Body composition, cardiorespiratory fitness, and neuromuscular adaptations induced by a home-based whole-body high intensity interval training. <b>2023</b> , 21, 226-236	O
8	A quadriceps femoris motor pattern for efficient cycling. <b>2023</b> , 18, e0282391	O
7	Margariaâ∃ Concept of Oxygen Debt. <b>2023</b> , 67-102	O
6	Short-Term Effect of Bariatric Surgery on Cardiorespiratory Response at Submaximal, Ventilatory Threshold, and Maximal Exercise in Women with Severe Obesity.	O
5	Impact of acute open-skill exercise on inhibitory control and brain activation: A functional near-infrared spectroscopy study. <b>2023</b> , 18, e0276148	0
4	Partial cooling of the upper body with a water-cooled vest in an environment exceeding body temperature. <b>2023</b> , 65,	O
3	Total and regional body composition are related with aerobic fitness performance in elite futsal players. <b>2023</b> ,	О
2	The utility of cardiopulmonary exercise testing in athletes and physically active individuals with or without persistent symptoms after COVID-19. 10,	O