

Von Duvillard, Sp

List of Publications by Citations

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

93
papers

1,999
citations

27
h-index

41
g-index

116
ext. papers

2,230
ext. citations

2
avg, IF

4.17
L-index

#	Paper	IF	Citations
93	A physiological profile of tennis match play. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 999-1005	3.4	117
92	Lipid and lipoprotein profiles, cardiovascular fitness, body composition, and diet during and after resistance, aerobic and combination training in young women. <i>European Journal of Applied Physiology</i> , 2000 , 82, 451-8	3.4	109
91	Fluids and hydration in prolonged endurance performance. <i>Nutrition</i> , 2004 , 20, 651-6	4.8	102
90	The effects of frequency of encouragement on performance during maximal exercise testing. <i>Journal of Sports Sciences</i> , 2002 , 20, 345-52	3.6	94
89	Heart rate performance curve during incremental cycle ergometer exercise in healthy young male subjects. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 762-8	1.2	89
88	Austrian Moderate Altitude Study 2000 (AMAS 2000). The effects of moderate altitude (1,700 m) on cardiovascular and metabolic variables in patients with metabolic syndrome. <i>European Journal of Applied Physiology</i> , 2003 , 88, 506-14	3.4	76
87	Peripheral signals of energy homeostasis as possible markers of training stress in athletes: a review. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 335-50	12.7	69
86	Movement variability and skill level of various throwing techniques. <i>Human Movement Science</i> , 2012 , 31, 78-90	2.4	63
85	Monitoring strength training: neuromuscular and hormonal profile. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 202-8	1.2	57
84	Skill-dependent proximal-to-distal sequence in team-handball throwing. <i>Journal of Sports Sciences</i> , 2012 , 30, 21-9	3.6	50
83	%HRmax target heart rate is dependent on heart rate performance curve deflection. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1726-31	1.2	50
82	Menstrual cycle: no effect on exercise cardiorespiratory variables or blood lactate concentration. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 1098-106	1.2	46
81	Treadmill and cycle ergometry testing in 5- to 6-year-old children. <i>European Journal of Applied Physiology</i> , 2001 , 85, 472-8	3.4	43
80	Effect of test interruptions on blood lactate during constant workload testing. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1626-30	1.2	37
79	The effect of exercise intensity on hematuria in healthy male runners. <i>European Journal of Applied Physiology</i> , 1998 , 79, 99-105	3.4	36
78	Regular physical activity influences plasma ghrelin concentration in adolescent girls. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 1736-41	1.2	36
77	Early 4-week cardiac rehabilitation exercise training in elderly patients after heart surgery. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2010 , 30, 85-92	3.6	35

76	Plasma ghrelin responses to acute sculling exercises in elite male rowers. <i>European Journal of Applied Physiology</i> , 2007 , 99, 467-74	3.4	35
75	Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 415	5.3	32
74	Plasma adiponectin and insulin sensitivity in overweight and normal-weight middle-aged premenopausal women. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 638-43	12.7	32
73	Plasma visfatin and ghrelin response to prolonged sculling in competitive male rowers. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 137-43	1.2	31
72	The effect of physical activity and physical fitness on plasma adiponectin in adults with predisposition to metabolic syndrome. <i>European Journal of Applied Physiology</i> , 2006 , 98, 472-81	3.4	31
71	Kinematic comparison of team handball throwing with two different arm positions. <i>International Journal of Sports Physiology and Performance</i> , 2010 , 5, 469-83	3.5	30
70	Nine months aerobic fitness induced changes on blood lipids and lipoproteins in untrained subjects versus controls. <i>European Journal of Applied Physiology</i> , 2007 , 99, 291-9	3.4	29
69	Bone metabolism in elite male rowers: adaptation to volume-extended training. <i>European Journal of Applied Physiology</i> , 2006 , 97, 127-32	3.4	29
68	Changes in blood lactate and respiratory gas exchange measures in sports with discontinuous load profiles. <i>European Journal of Applied Physiology</i> , 2003 , 89, 489-95	3.4	28
67	The heart rate performance curve and left ventricular function during exercise in patients after myocardial infarction. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 1475-80	1.2	27
66	Left ventricular function in response to the transition from aerobic to anaerobic metabolism. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 1040-7	1.2	26
65	Effect of high-volume and -intensity endurance training in heart transplant recipients. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 2011-6	1.2	25
64	Physiologic responses of older recreational alpine skiers to different skiing modes. <i>European Journal of Applied Physiology</i> , 2009 , 105, 551-8	3.4	24
63	An acute bout of endurance exercise but not sprint interval exercise enhances insulin sensitivity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009 , 34, 25-32	3	24
62	High incidence of exercise-induced bronchoconstriction in triathletes of the Swiss national team. <i>British Journal of Sports Medicine</i> , 2007 , 41, 486-91; discussion 491	10.3	24
61	Influence of carbohydrate delivery on the immune response during exercise and recovery from exercise. <i>Nutrition</i> , 2004 , 20, 645-50	4.8	22
60	Beta1-adrenoceptor mediated origin of the heart rate performance curve deflection. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 1704-9	1.2	22
59	Sports drinks, exercise training, and competition. <i>Current Sports Medicine Reports</i> , 2008 , 7, 202-8	1.9	19

58	The influence of strength-endurance training on the oxygenation of isometrically contracted forearm muscles. <i>European Journal of Applied Physiology</i> , 2007 , 100, 685-92	3.4	18
57	Aerobic-anaerobic transition intensity measured via EMG signals in athletes with different physical activity patterns. <i>European Journal of Applied Physiology</i> , 2007 , 101, 341-6	3.4	18
56	Physical Performance in Elite Male and Female Team Handball Players. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 1-24	3.5	17
55	Specific physiological and biomechanical performance in elite, sub-elite and in non-elite male team handball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018 , 58, 73-81	1.4	17
54	Blood lactate concentration at the maximal lactate steady state is not dependent on endurance capacity in healthy recreationally trained individuals. <i>European Journal of Applied Physiology</i> , 2012 , 112, 3079-86	3.4	17
53	Resistance training dose response in combined endurance-resistance training in patients with cardiovascular disease: a randomized trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 1527-33	2.8	17
52	The heart rate turn point reliability and methodological aspects. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 903-7	1.2	17
51	Effect of beta(1)-selective adrenergic blockade on maximal blood lactate steady state in healthy men. <i>European Journal of Applied Physiology</i> , 2002 , 87, 66-71	3.4	16
50	Testing Game-Based Performance in Team-Handball. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 2794-801	3.2	16
49	Specific Physical Training in Elite Male Team Handball. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 3083-3093	3.2	15
48	Myocardial dimensions and hemodynamics during 24-h ultraendurance ergometry. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 268-75	1.2	14
47	Exercise modality and physical fitness in perimenopausal women. <i>European Journal of Applied Physiology</i> , 2009 , 105, 739-47	3.4	13
46	Change in left atrial and ventricular dimensions during and immediately after exercise. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 1713-8	1.2	13
45	Parasympathetic receptor blockade and the heart rate performance curve. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 229-33	1.2	13
44	Bacteriuria detection with a urine dipstick applied to incontinence pads of nursing home residents. <i>Geriatric Nursing</i> , 2003 , 24, 206-9	2.1	12
43	Maximal Lactate Steady State in Children. <i>Pediatric Exercise Science</i> , 1996 , 8, 328-336	2	12
42	Influence of cigarette smoking on synthesis of eicosanoids, isoprostanes and lipoxigenase metabolites in apical periodontitis. <i>Archives of Oral Biology</i> , 2012 , 57, 1133-40	2.8	10
41	Respiratory gas exchange and lactate measures during competitive orienteering. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 682-9	1.2	10

40	Effect of endurance training on muscle fat metabolism during prolonged exercise: agreements and disagreements. <i>Nutrition</i> , 2003 , 19, 891-900	4.8	10
39	Energy expenditure and sex differences of golf playing. <i>Journal of Sports Sciences</i> , 2013 , 31, 1045-53	3.6	9
38	Accuracy of neuro-fuzzy logic and regression calculations in determining maximal lactate steady-state power output from incremental tests in humans. <i>European Journal of Applied Physiology</i> , 2002 , 88, 264-74	3.4	9
37	Influence of permanent right ventricular pacing on cardiorespiratory exercise parameters in chronic heart failure patients with implanted cardioverter defibrillators. <i>Chest</i> , 2005 , 127, 787-93	5.3	9
36	Marathons in altitude. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 723-8	1.2	9
35	Platelet response to aspirin 50 and 100 mg in patients with coronary heart disease over a five-year period. <i>American Journal of Cardiology</i> , 2011 , 108, 644-50	3	8
34	Human behavioral momentum in a sample of older adults. <i>Journal of General Psychology</i> , 1999 , 126, 165-75		8
33	Short-term residential cardiac rehabilitation reduces B-type natriuretic peptide. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009 , 16, 603-8		7
32	Effects of exercise on plasma high-density lipoprotein cholesteryl ester metabolism in male and female miniature swine. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 826-32	12.7	7
31	Competition performance and basal nocturnal catecholamine excretion in cross-country skiers. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1228-32	1.2	7
30	Periodontal and coronary heart disease in patients undergoing coronary angiography. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 127-33	12.7	6
29	Lack of supervision after residential cardiac rehabilitation increases cardiovascular risk factors. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 296-302		6
28	Plasma visfatin and adiponectin concentrations in physically active adolescent girls: relationships with insulin sensitivity and body composition variables. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2011 , 24, 419-25	1.6	6
27	Whipple's disease: misdiagnosed as sarcoidosis with further tricuspid valve endocarditis and pulmonary embolism - a case report. <i>BMJ Case Reports</i> , 2009 , 2009,	0.9	6
26	Rational-emotive behavior therapy and the formation of stimulus equivalence classes. <i>Journal of Clinical Psychology</i> , 1998 , 54, 597-610	2.8	5
25	Discontinuation of combined resistance-endurance training increases cardiovascular risk factors. <i>International Journal of Cardiology</i> , 2012 , 156, 229-31	3.2	4
24	Independence of ventilation and blood lactate responses during graded exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994 , 68, 298-302		4
23	Testing-Specific Skating Performance in Ice Hockey. <i>Journal of Strength and Conditioning Research</i> , 2021 , 35, S70-S75	3.2	4

22	The Relationship between On-Ice and Off-Ice Performance in Elite Male Adolescent Ice Hockey Players: An Observation Study. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2724	2.6	3
21	Changes in physical fitness in moderately fit adults with and without the use of exercise telemetry monitors. <i>European Journal of Applied Physiology</i> , 2008 , 102, 505-13	3.4	2
20	Time Course Of Heart Rate During 46h Ultra-Endurance Cycling Race: A Case Study. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 535	1.2	1
19	Three-Phase Time Course of Physiological Variables During Incremental Cycling In Young Male and Female Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 339	1.2	1
18	Lipids and lipoproteins in diet and exercise. Introduction. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 1414-5	1.2	1
17	Assessment of Arm Crank and Wheelchair Treadmill Ergometry in Wheelchair Basketball Players. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 857	1.2	
16	Effects Of 8-week Training On Vastus-medialis Using Patella-stabilizing Bandage In Patients With Patellofemoral Pain Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 97	1.2	
15	Visfatin and Adiponectin: Body Fat and Metabolic Factors in Physically Active Girls. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 340	1.2	
14	Increased Resistance Training Volume Does Not Improve Outcomes of Combined Aerobic-Resistance Training in Cardiac Patients. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 732-733	1.2	
13	Testing Unilateral Leg-strength: Test-Retest Reliability And Agreement Of Methods. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 294	1.2	
12	The Relationship Between the Heart Rate Performance Curve Deflection and the Heart Rate Recovery. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, S332	1.2	
11	Initial Levels may Determine Small vs. Greater Increases in HDL-C in Exercising Population. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, S159-S160	1.2	
10	Effects Of Cycling Cadence On Workload And Relative Intensity At Given Blood Lactate Concentrations. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S104	1.2	
9	Myocardial Stress After Ultra-Endurance Running In Extreme Heat. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S217	1.2	
8	Oral Magnesium Therapy And Exercise Tolerance, Heart Rate And Myocardial Function In Patients With Cad. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S225	1.2	
7	Heart Rate Performance Curve And Arg389gly ?? 1???adrenoceptor Polymorphism. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S166	1.2	
6	Influence Of Pacing Mode On Exercise Parameters In Chronic Heart Failure Patients With Implanted Cardioverter Defibrillators. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S230	1.2	
5	Utilization of Re-breathing Method in the Swimming Pool and Swim Flume. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S425	1.2	

- 4 Bone Metabolic Response to 216 km Ultra-Marathon Running. *Medicine and Science in Sports and Exercise*, **2017**, 49, 487 1.2
- 3 New Analysis Software To Evaluate Performance. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1049 1.2
- 2 Myotonometric Effect of Foam Rolling Following Strength Training. *Medicine and Science in Sports and Exercise*, **2018**, 50, 678 1.2
- 1 Interval Training In Cardiac Rehabilitation. *Medicine and Science in Sports and Exercise*, **2018**, 50, 367 1.2