

David G Jenkins

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

6,644
citations

57758

44
h-index

71685

76
g-index

136
all docs

136
docs citations

136
times ranked

5478
citing authors

#	ARTICLE	IF	CITATIONS
1	A model for calculating the mechanical demands of overground running. Sports Biomechanics, 2023, 22, 1256-1277.	1.6	8
2	Factors Modulating the Priming Response to Resistance and Stretch-Shortening Cycle Exercise Stimuli. Strength and Conditioning Journal, 2023, 45, 188-206.	1.4	2
3	Mental Fatigue Over 2 Elite Netball Seasons: A Case for Mental Fatigue to be Included in Athlete Self-Report Measures. International Journal of Sports Physiology and Performance, 2022, 17, 160-169.	2.3	8
4	How do elite female team sport athletes experience mental fatigue? Comparison between international competition, training and preparation camps. European Journal of Sport Science, 2022, 22, 877-887.	2.7	13
5	Effects of Oral Creatine Supplementation on Power Output during Repeated Treadmill Sprinting. Nutrients, 2022, 14, 1140.	4.1	7
6	Mental fatigue increases across a 16-week pre-season in elite female athletes. Journal of Science and Medicine in Sport, 2022, 25, 356-361.	1.3	14
7	Mediterranean Style Dietary Pattern with High Intensity Interval Training in Men with Prostate Cancer Treated with Androgen Deprivation Therapy: A Pilot Randomised Control Trial. International Journal of Environmental Research and Public Health, 2022, 19, 5709.	2.6	10
8	Predicting Temporal Gait Kinematics From Running Velocity. Journal of Strength and Conditioning Research, 2021, 35, 2379-2382.	2.1	6
9	Mediterranean-style dietary pattern improves cancer-related fatigue and quality of life in men with prostate cancer treated with androgen deprivation therapy: A pilot randomised control trial. Clinical Nutrition, 2021, 40, 245-254.	5.0	40
10	Comparison of training responses and performance adaptations in endurance-trained men and women performing high-intensity interval training. Journal of Sports Sciences, 2021, 39, 1010-1020.	2.0	4
11	Time Course of Neuromuscular, Hormonal, and Perceptual Responses Following Moderate- and High-Load Resistance Priming Exercise. International Journal of Sports Physiology and Performance, 2021, 16, 1472-1482.	2.3	9
12	The Efficacy of the Lactate Threshold: A Sex-Based Comparison. Journal of Strength and Conditioning Research, 2020, 34, 3190-3198.	2.1	6
13	Prevalence and application of priming exercise in high performance sport. Journal of Science and Medicine in Sport, 2020, 23, 297-303.	1.3	21
14	Changes in subjective mental and physical fatigue during netball games in elite development athletes. Journal of Science and Medicine in Sport, 2020, 23, 615-620.	1.3	30
15	Workload Differences Between Training Drills and Competition in Elite Netball. International Journal of Sports Physiology and Performance, 2020, 15, 1385-1392.	2.3	4
16	Sub-maximal heart rate is associated with changes in high-intensity intermittent running ability in professional rugby league players. Science and Medicine in Football, 2019, 3, 50-56.	2.0	10
17	The role of the upper and lower limbs in front crawl swimming: The thoughts and practices of expert high-performance swimming coaches. International Journal of Sports Science and Coaching, 2019, 14, 629-638.	1.4	6
18	Peer support for the maintenance of physical activity and health in cancer survivors: the PEER trial - a study protocol of a randomised controlled trial. BMC Cancer, 2019, 19, 656.	2.6	15

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19	Resistance Priming to Enhance Neuromuscular Performance in Sport: Evidence, Potential Mechanisms and Directions for Future Research. <i>Sports Medicine</i> , 2019, 49, 1499-1514.	6.5	44
20	What is mental fatigue in elite sport? Perceptions from athletes and staff. <i>European Journal of Sport Science</i> , 2019, 19, 1367-1376.	2.7	76
21	Acute high intensity interval exercise reduces colon cancer cell growth. <i>Journal of Physiology</i> , 2019, 597, 2177-2184.	2.9	45
22	Physical profiles of elite, sub-elite, regional and age-group netballers. <i>Journal of Sports Sciences</i> , 2019, 37, 1212-1219.	2.0	14
23	The application of mental fatigue research to elite team sport performance: New perspectives. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 723-728.	1.3	72
24	Cardiorespiratory Fitness and Body Composition Responses to Different Intensities and Frequencies of Exercise Training in Colorectal Cancer Survivors. <i>Clinical Colorectal Cancer</i> , 2018, 17, e269-e279.	2.3	26
25	PlayerLoad Variables: Sensitive to Changes in Direction and Not Related to Collision Workloads in Rugby League Match Play. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1136-1142.	2.3	20
26	Can anti-gravity running improve performance to the same degree as over-ground running?. <i>Journal of Sports Sciences</i> , 2018, 36, 2273-2281.	2.0	2
27	Prevalence, knowledge and attitudes relating to \hat{t}^2 -alanine use among professional footballers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 12-16.	1.3	17
28	Wearable microtechnology can accurately identify collision events during professional rugby league match-play. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 638-642.	1.3	47
29	Velocity, Oxygen Uptake, and Metabolic Cost of Pull, Kick, and Whole-Body Swimming. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1046-1051.	2.3	8
30	Three-step method for menstrual and oral contraceptive cycle verification. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 965-969.	1.3	72
31	The Effect of Higher Than Recommended Protein Feedings Post-Exercise on Recovery Following Downhill Running in Masters Triathletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017, 27, 76-82.	2.1	9
32	The Osteogenic Effect of Impact-Loading and Resistance Exercise on Bone Mineral Density in Middle-Aged and Older Men: A Pilot Study. <i>Gerontology</i> , 2016, 62, 22-32.	2.8	36
33	Velocity, aerobic power and metabolic cost of whole body and arms only front crawl swimming at various stroke rates. <i>European Journal of Applied Physiology</i> , 2016, 116, 1075-1085.	2.5	19
34	Postexercise Dietary Protein Strategies to Maximize Skeletal Muscle Repair and Remodeling in Masters Endurance Athletes: A Review. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2016, 26, 168-178.	2.1	35
35	Comparison of Postexercise Nutrition Knowledge and Postexercise Carbohydrate and Protein Intake between Australian Masters and Younger Triathletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2016, 26, 338-346.	2.1	18
36	Effect of Different Repeated-High-Intensity-Effort Bouts on Subsequent Running, Skill Performance, and Neuromuscular Function. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 311-318.	2.3	15

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37	The Influence of Exercise on the Insulin-like Growth Factor Axis in Oncology: Physiological Basis, Current, and Future Perspectives. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 239-249.	2.5	26
38	Body composition of female road and track endurance cyclists: Normative values and typical changes. <i>European Journal of Sport Science</i> , 2016, 16, 645-653.	2.7	18
39	The influence of high-intensity compared with moderate-intensity exercise training on cardiorespiratory fitness and body composition in colorectal cancer survivors: a randomised controlled trial. <i>Journal of Cancer Survivorship</i> , 2016, 10, 467-479.	2.9	90
40	Influence of Number of Contact Efforts on Running Performance During Game-Based Activities. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 740-745.	2.3	28
41	The Influence of Physical Fitness and Playing Standard on Pacing Strategies During a Team-Sport Tournament. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 1001-1008.	2.3	16
42	Validity of treadmill- and track-based individual calibration methods for estimating free-living walking speed and VO ₂ using the Actigraph accelerometer. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015, 7, 29.	1.7	18
43	Influence of playing standard and physical fitness on activity profiles and post-match fatigue during intensified junior rugby league competition. <i>Sports Medicine - Open</i> , 2015, 1, 18.	3.1	38
44	Are Three Contact Efforts Really Reflective of a Repeated High-Intensity Effort Bout?. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 816-821.	2.1	10
45	The Effects of a Calcium-Rich Pre-Exercise Meal on Biomarkers of Calcium Homeostasis in Competitive Female Cyclists: A Randomised Crossover Trial. <i>PLoS ONE</i> , 2015, 10, e0123302.	2.5	51
46	Race Weight: Perceptions of Elite Female Road Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 311-317.	2.3	18
47	Influence of physical qualities on post-match fatigue in rugby league players. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 209-213.	1.3	119
48	Dairy-Based Preexercise Meal Does Not Affect Gut Comfort or Time-Trial Performance in Female Cyclists. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2014, 24, 553-558.	2.1	10
49	Influence of physical contact on neuromuscular fatigue and markers of muscle damage following small-sided games. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 535-540.	1.3	68
50	The insulin-like growth factor axis: A biological mechanism linking physical activity to colorectal cancer survival. <i>Cancer Epidemiology</i> , 2014, 38, 455-459.	1.9	38
51	Body mass management of lightweight rowers: nutritional strategies and performance implications. <i>British Journal of Sports Medicine</i> , 2014, 48, 1529-1533.	6.7	15
52	Applied Sport Science of Rugby League. <i>Sports Medicine</i> , 2014, 44, 1087-1100.	6.5	131
53	Factors influencing serum caffeine concentrations following caffeine ingestion. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 516-520.	1.3	28
54	The dose-response relationship between pseudoephedrine ingestion and exercise performance. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 531-534.	1.3	3

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55	Influence of Physical Contact on Pacing Strategies During Game-Based Activities. International Journal of Sports Physiology and Performance, 2014, 9, 811-816.	2.3	22
56	Influence of carbohydrate on serum caffeine concentrations following caffeine ingestion. Journal of Science and Medicine in Sport, 2013, 16, 343-347.	1.3	21
57	Influence of an intensified competition on fatigue and match performance in junior rugby league players. Journal of Science and Medicine in Sport, 2013, 16, 460-465.	1.3	58
58	Coinciding exercise with peak serum caffeine does not improve cycling performance. Journal of Science and Medicine in Sport, 2013, 16, 54-59.	1.3	42
59	Increased Lean Mass with Reduced Fat Mass in an Elite Female Cyclist Returning to Competition: Case Study. International Journal of Sports Physiology and Performance, 2013, 8, 699-701.	2.3	8
60	Energy Expenditure of Constant- and Variable-Intensity Cycling. Medicine and Science in Sports and Exercise, 2013, 45, 1833-1840.	0.4	10
61	Pseudoephedrine and Preexercise Feeding. Medicine and Science in Sports and Exercise, 2013, 45, 1152-1157.	0.4	4
62	Reliability and Sensitivity of a Repeated High-Intensity Exercise Performance Test for Rugby League and Rugby Union. Journal of Strength and Conditioning Research, 2013, 27, 1128-1135.	2.1	29
63	Major practicum as a learning site for exercise science professionals: A pilot study. European Physical Education Review, 2012, 18, 239-244.	2.0	4
64	Influence of Field Size on the Physiological and Skill Demands of Small-Sided Games in Junior and Senior Rugby League Players. Journal of Strength and Conditioning Research, 2012, 26, 487-491.	2.1	42
65	Influence of Wrestling on the Physiological and Skill Demands of Small-Sided Games. Journal of Strength and Conditioning Research, 2012, 26, 113-120.	2.1	18
66	Skill qualities as risk factors for contact injury in professional rugby league players. Journal of Sports Sciences, 2012, 30, 1421-1427.	2.0	27
67	Physical Activity of Remote Indigenous Australian Women: A Postcolonial Analysis of Lifestyle. Leisure Sciences, 2012, 34, 39-54.	3.1	23
68	Physical demands of professional rugby league training and competition using microtechnology. Journal of Science and Medicine in Sport, 2012, 15, 80-86.	1.3	261
69	Relative importance of physiological, anthropometric, and skill qualities to team selection in professional rugby league. Journal of Sports Sciences, 2011, 29, 1453-1461.	2.0	91
70	Relationships between physiological, anthropometric, and skill qualities and playing performance in professional rugby league players. Journal of Sports Sciences, 2011, 29, 1655-1664.	2.0	99
71	Tackling in a Professional Rugby League. Journal of Strength and Conditioning Research, 2011, 25, 1659-1663.	2.1	26
72	Correlates of Tackling Ability in High-Performance Rugby League Players. Journal of Strength and Conditioning Research, 2011, 25, 72-79.	2.1	67

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73	Relationship between training load and injury in professional rugby league players. Journal of Science and Medicine in Sport, 2011, 14, 204-209.	1.3	159
74	Physical collisions and injury in professional rugby league match-play. Journal of Science and Medicine in Sport, 2011, 14, 210-215.	1.3	89
75	The physical demands of Super 14 rugby union. Journal of Science and Medicine in Sport, 2011, 14, 259-263.	1.3	158
76	Repeated high-intensity exercise in professional rugby union. Journal of Sports Sciences, 2011, 29, 1105-1112.	2.0	68
77	Physiological and Anthropometric Correlates of Tackling Ability in Junior Elite and Subelite Rugby League Players. Journal of Strength and Conditioning Research, 2010, 24, 2989-2995.	2.1	52
78	Training Loads and Incidence of Injury During the Preseason in Professional Rugby League Players. Journal of Strength and Conditioning Research, 2010, 24, 2079-2084.	2.1	58
79	Physiological and Skill Demands of "On-Side" and "Off-Side" Games. Journal of Strength and Conditioning Research, 2010, 24, 2979-2983.	2.1	29
80	Pseudoephedrine Ingestion and Cycling Time-Trial Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2010, 20, 132-138.	2.1	15
81	Physical collisions and injury during professional rugby league skills training. Journal of Science and Medicine in Sport, 2010, 13, 578-583.	1.3	123
82	Dose Response of Caffeine on 2000-m Rowing Performance. Medicine and Science in Sports and Exercise, 2010, 42, 571-576.	0.4	53
83	Validity and reliability of GPS for measuring distance travelled in field-based team sports. Journal of Sports Sciences, 2010, 28, 1319-1325.	2.0	140
84	Match Analysis and the Physiological Demands of Australian Football. Sports Medicine, 2010, 40, 347-360.	6.5	165
85	A time-motion analysis of professional rugby league match-play. Journal of Sports Sciences, 2009, 27, 213-219.	2.0	93
86	Game-Based Training for Improving Skill and Physical Fitness in Team Sport Athletes. International Journal of Sports Science and Coaching, 2009, 4, 273-283.	1.4	116
87	Bovine Colostrum Modulates Cytokine Production in Human Peripheral Blood Mononuclear Cells Stimulated with Lipopolysaccharide and Phytohemagglutinin. Journal of Interferon and Cytokine Research, 2009, 29, 37-44.	1.2	41
88	Velocity-Specific Fatigue. Medicine and Science in Sports and Exercise, 2009, 41, 904-911.	0.4	23
89	Physical activity of young people in the Torres Strait and Northern Peninsula Region: An exploratory study. Australian Journal of Rural Health, 2008, 16, 278-282.	1.5	16
90	A place to play: Socioeconomic and spatial factors in children's physical activity. Australian Occupational Therapy Journal, 2008, 55, 2-11.	1.1	36

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91	Central hemodynamics in ultra-endurance athletes. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 390-395.	1.3	25
92	Knowledge of and preferred sources of assistance for physical activity in a sample of urban Indigenous Australians. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008, 5, 22.	4.6	19
93	Applied Physiology of Rugby League. <i>Sports Medicine</i> , 2008, 38, 119-138.	6.5	168
94	Physical Activity of Young Children. <i>Physical and Occupational Therapy in Pediatrics</i> , 2008, 28, 25-39.	1.3	23
95	Exploring the meaning of, the barriers to and potential strategies for promoting physical activity among urban Indigenous Australians. <i>Health Promotion Journal of Australia</i> , 2008, 19, 102-108.	1.2	24
96	Oxidative Stress in Half and Full Ironman Triathletes. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 283-288.	0.4	117
97	Manipulating training intensity and volume in already well-trained rats: effect on skeletal muscle oxidative and glycolytic enzymes and buffering capacity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 434-442.	1.9	10
98	Effects of bovine colostrum supplementation on immune variables in highly trained cyclists. <i>Journal of Applied Physiology</i> , 2007, 102, 1113-1122.	2.5	67
99	Influence of Nutrient Intake after Weigh-In on Lightweight Rowing Performance. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 184-191.	0.4	12
100	The effect of consecutive days of exercise on markers of oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 677-685.	1.9	35
101	Maximal torque- and power-pedaling rate relationships for elite sprint cyclists in laboratory and field tests. <i>European Journal of Applied Physiology</i> , 2007, 101, 287-292.	2.5	82
102	Ultra-Endurance Exercise and Oxidative Damage. <i>Sports Medicine</i> , 2006, 36, 429-441.	6.5	97
103	Preparation of Former Heavyweight Oarsmen to Compete as Lightweight Rowers Over 16 Weeks: Three Case Studies. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2006, 16, 108-121.	2.1	6
104	Impact of Two Different Body Mass Management Strategies on Repeat Rowing Performance. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 138-146.	0.4	17
105	Physical Activity of Young Children. <i>OTJR Occupation, Participation and Health</i> , 2006, 26, 4-14.	0.8	23
106	Physical Activity and the Occupations of Children: Perspectives of Parents and Children. <i>Journal of Occupational Science</i> , 2006, 13, 180-187.	1.3	6
107	Social capital meets identity. <i>Journal of Sociology</i> , 2006, 42, 396-411.	1.5	54
108	INFLUENCE OF HIGH-INTENSITY INTERVAL TRAINING ON ADAPTATIONS IN WELL-TRAINED CYCLISTS. <i>Journal of Strength and Conditioning Research</i> , 2005, 19, 527-533.	2.1	3

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109	Body-Mass Management of Australian Lightweight Rowers prior to and during Competition. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 860-866.	0.4	24
110	Impact of Acute Weight Loss and/or Thermal Stress on Rowing Ergometer Performance. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1387-1394.	0.4	27
111	Relationship between laboratory-measured variables and heart rate during an ultra-endurance triathlon. <i>Journal of Sports Sciences</i> , 2005, 23, 1111-1120.	2.0	33
112	Influence of High-Intensity Interval Training on Adaptations in Well-Trained Cyclists. <i>Journal of Strength and Conditioning Research</i> , 2005, 19, 527.	2.1	76
113	Temporal Aspects of the $\dot{V}O_{2\text{peak}}$ Response at the Power Output Associated with $\dot{V}O_{2\text{peak}}$ in Well Trained Cyclistsâ€™ Implications for Interval Training Prescription. <i>Research Quarterly for Exercise and Sport</i> , 2004, 75, 423-428.	1.4	12
114	Accuracy of SRM and Power Tap Power Monitoring Systems for Bicycling. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1252-1258.	0.4	140
115	Physical activity as a dimension of family life for lower primary school children. <i>Sport, Education and Society</i> , 2004, 9, 307-325.	2.1	32
116	A comparison of two methods for the calculation of accumulated oxygen deficit. <i>Journal of Sports Sciences</i> , 2003, 21, 155-162.	2.0	9
117	Reproducibility of the Cycling Time to Exhaustion at in Highly Trained Cyclists. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2003, 28, 605-615.	1.7	20
118	A comparison of the cycling performance of cyclists and triathletes. <i>Journal of Sports Sciences</i> , 2003, 21, 411-418.	2.0	22
119	Endogenous Endothelin-1 Limits Exercise-Induced Vasodilation in Hypertensive Humans. <i>Hypertension</i> , 2002, 40, 202-206.	2.7	35
120	Interval training program optimization in highly trained endurance cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1801-1807.	0.4	174
121	Effect of the movement speed of resistance training exercises on sprint and strength performance in concurrently training elite junior sprinters. <i>Journal of Sports Sciences</i> , 2002, 20, 981-990.	2.0	67
122	The Scientific Basis for High-Intensity Interval Training. <i>Sports Medicine</i> , 2002, 32, 53-73.	6.5	646
123	Acute High-Intensity Interval Training Improves $\dot{V}T_{\text{vent}}$ and Peak Power Output in Highly Trained Males. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2002, 27, 336-348.	1.7	56
124	The effects of strength training on endurance performance and muscle characteristics. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 886-891.	0.4	93
125	The Duration of Predicting Trials Influences Time to Fatigue at Critical Power. <i>Journal of Science and Medicine in Sport</i> , 1998, 1, 213-218.	1.3	14
126	Physical performance differences between weight-trained sprinters and weight trainers. <i>Journal of Science and Medicine in Sport</i> , 1998, 1, 12-21.	1.3	17

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127	The effect of stage duration on the calculation of peak $\dot{V}\text{O}_2$ during cycle ergometry. Journal of Science and Medicine in Sport, 1998, 1, 171-178.	1.3	57
128	Anthropometric-based selection and sprint kayak training in children. Journal of Sports Sciences, 1998, 16, 539-543.	2.0	20
129	The relationship between plasma lactate parameters, W_{peak} and 1-h cycling performance in women. Medicine and Science in Sports and Exercise, 1998, 30, 1270-1275.	0.4	190
130	The relationship between plasma potassium concentration and muscle torque during recovery following intense exercise. European Journal of Applied Physiology, 1997, 75, 462-466.	2.5	8
131	Ramp and constant power trials produce equivalent critical power estimates. Medicine and Science in Sports and Exercise, 1997, 29, 833-836.	0.4	29
132	The influence of recovery duration between periods of exercise on the critical power function. European Journal of Applied Physiology and Occupational Physiology, 1995, 72, 115-120.	1.2	17
133	Endurance training enhances critical power. Medicine and Science in Sports and Exercise, 1992, 24, 1283-1289.	0.4	87
134	The y-intercept of the critical power function as a measure of anaerobic work capacity. Ergonomics, 1991, 34, 13-22.	2.1	53
135	Blood lactate in trained cyclists during cycle ergometry at critical power. European Journal of Applied Physiology and Occupational Physiology, 1990, 61, 278-283.	1.2	97