

Romain Meeusen

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

192
papers

10,247
citations

54
h-index

97
g-index

200
ext. papers

12,137
ext. citations

4.2
avg, IF

6.33
L-index

#	Paper	IF	Citations
192	Benchmarking occupational exoskeletons: An evidence mapping systematic review. <i>Applied Ergonomics</i> , 2022 , 98, 103582	4.2	3
191	Evaluation of an articulated passive ankle-foot prosthesis.. <i>BioMedical Engineering OnLine</i> , 2022 , 21, 28	4.1	0
190	How to Tackle Mental Fatigue: A Systematic Review of Potential Countermeasures and Their Underlying Mechanisms.. <i>Sports Medicine</i> , 2022 , 1	10.6	2
189	Endurance exercise-induced and mental fatigue and the brain. <i>Experimental Physiology</i> , 2021 , 106, 2294-2298	2.98	6
188	Combination of Aerobic Training and Cocoa Flavanols as Effective Therapies to Reduce Metabolic and Inflammatory Disruptions in Insulin-Resistant Rats: The Exercise, Cocoa, and Diabetes Study. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2021 , 1-13	4.4	1
187	Prefrontal Cortex Oxygenation During Endurance Performance: A Systematic Review of Functional Near-Infrared Spectroscopy Studies. <i>Frontiers in Physiology</i> , 2021 , 12, 761232	4.6	2
186	Acute fatigue alters brain activity and impairs reactive balance test performance. <i>Translational Sports Medicine</i> , 2021 , 4, 488	1.3	
185	Mental Fatigue and Sport-Specific Psychomotor Performance: A Systematic Review. <i>Sports Medicine</i> , 2021 , 51, 1527-1548	10.6	17
184	The Thermoregulatory and Thermal Responses of Individuals With a Spinal Cord Injury During Exercise, Acclimation and by Using Cooling Strategies-A Systematic Review. <i>Frontiers in Physiology</i> , 2021 , 12, 636997	4.6	0
183	The interaction of acute physical fatigue with three traditional functional performance tests and the reactive balance test. <i>Physical Therapy in Sport</i> , 2021 , 49, 188-195	3	1
182	Overtraining Syndrome (OTS) and Relative Energy Deficiency in Sport (RED-S): Shared Pathways, Symptoms and Complexities. <i>Sports Medicine</i> , 2021 , 51, 2251-2280	10.6	4
181	Return to sport decisions after an acute lateral ankle sprain injury: introducing the PAASS framework-an international multidisciplinary consensus. <i>British Journal of Sports Medicine</i> , 2021 , 55, 1270-1276	10.3	9
180	The Non-injured Leg Can Be Used as a Reference for the Injured Leg in Single-legged Hop Tests. <i>International Journal of Sports Physical Therapy</i> , 2021 , 16, 1052-1066	1.4	0
179	Prevalence and incidence of work-related musculoskeletal disorders in secondary industries of 21st century Europe: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 751	2.8	9
178	Thirty days of combined consumption of a high-fat diet and fructose-rich beverages promotes insulin resistance and modulates inflammatory response and histomorphometry parameters of liver, pancreas, and adipose tissue in Wistar rats. <i>Nutrition</i> , 2021 , 91-92, 111403	4.8	
177	Occupational exoskeletons: A roadmap toward large-scale adoption. Methodology and challenges of bringing exoskeletons to workplaces. <i>Wearable Technologies</i> , 2021 , 2,	4	10
176	Design and Evaluation of a Passive Cable-driven Occupational Shoulder Exoskeleton.. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021 , 1-1	3.1	2

175	Test-retest, intra- and inter-rater reliability of the reactive balance test in healthy recreational athletes. <i>Physical Therapy in Sport</i> , 2020 , 46, 47-53	3	1
174	Mental fatigue impairs clinician-friendly balance test performance and brain activity. <i>Translational Sports Medicine</i> , 2020 , 3, 616-625	1.3	5
173	Social Processes: What Determines Industrial Workers' Intention to Use Exoskeletons?. <i>Human Factors</i> , 2020 , 62, 337-350	3.8	12
172	Combined reply to comments on: Van Cutsem, J., Roelands, B., De Pauw, K., Meeusen, R., & Marcora, S. (2019). Subjective thermal strain impairs endurance performance in a temperate environment. <i>Physiology & Behavior</i> , 202, 36-44. <i>Physiology and Behavior</i> , 2020 , 221, 112880	3.5	
171	Association between Functional Performance and Return to Performance in High-Impact Sports after Lower Extremity Injury: A Systematic Review. <i>Journal of Sports Science and Medicine</i> , 2020 , 19, 564-576	2.7	2
170	Short-term effects of differential learning and contextual interference in a goalkeeper-like task: Visuomotor response time and motor control. <i>European Journal of Sport Science</i> , 2020 , 20, 1061-1071	3.9	5
169	Can Creatine Combat the Mental Fatigue-associated Decrease in Visuomotor Skills?. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 120-130	1.2	29
168	Does Acute Fatigue Negatively Affect Intrinsic Risk Factors of the Lower Extremity Injury Risk Profile? A Systematic and Critical Review. <i>Sports Medicine</i> , 2020 , 50, 767-784	10.6	24
167	Does Mental Fatigue Negatively Affect Outcomes of Functional Performance Tests?. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2002-2010	1.2	10
166	NeuroExercise: The Effect of a 12-Month Exercise Intervention on Cognition in Mild Cognitive Impairment-A Multicenter Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 621947	5.3	5
165	Mental fatigue impairs visuomotor response time in badminton players and controls. <i>Psychology of Sport and Exercise</i> , 2019 , 45, 101579	4.2	19
164	Aging effects on prefrontal cortex oxygenation in a posture-cognition dual-task: an fNIRS pilot study. <i>European Review of Aging and Physical Activity</i> , 2019 , 16, 2	6.5	17
163	Subjective thermal strain impairs endurance performance in a temperate environment. <i>Physiology and Behavior</i> , 2019 , 202, 36-44	3.5	9
162	The effect of acute cocoa flavanol intake on the BOLD response and cognitive function in type 1 diabetes: a randomized, placebo-controlled, double-blinded cross-over pilot study. <i>Psychopharmacology</i> , 2019 , 236, 3421-3428	4.7	7
161	The Temporal Relationship Between Exercise, Recovery Processes, and Changes in Performance. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 14, 1015-1021	3.5	14
160	Bringing context to balance: development of a reactive balance test within the injury prevention and return to sport domain. <i>Archives of Physiotherapy</i> , 2019 , 9, 6	2.5	8
159	Cognitive performance and brain dynamics during walking with a novel bionic foot: A pilot study. <i>PLoS ONE</i> , 2019 , 14, e0214711	3.7	4
158	Criteria-Based Return to Sport Decision-Making Following Lateral Ankle Sprain Injury: a Systematic Review and Narrative Synthesis. <i>Sports Medicine</i> , 2019 , 49, 601-619	10.6	38

157	Guidelines and Recommendations to Investigate the Efficacy of a Lower-Limb Prosthetic Device: A Systematic Review. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2019 , 1, 279-296	3.1	7
156	TRANSLATION AND VALIDATION OF THE DUTCH INJURY PSYCHOLOGICAL READINESS TO RETURN TO SPORT SCALE (I-PRRS). <i>International Journal of Sports Physical Therapy</i> , 2019 , 14, 785-793	1.4	
155	Submaximal heart rate seems inadequate to prescribe and monitor intensified training. <i>European Journal of Sport Science</i> , 2019 , 19, 1082-1091	3.9	3
154	Improving the Diagnosis of Nonfunctional Overreaching and Overtraining Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2524-2530	1.2	7
153	The Overtraining Syndrome in Soldiers: Insights from the Sports Domain. <i>Military Medicine</i> , 2019 , 184, e192-e200	1.3	10
152	Preparing for Mars: human sleep and performance during a 13 month stay in Antarctica. <i>Sleep</i> , 2019 , 42,	1.1	16
151	Aging and Strength Training Influence Knee Extensor Intermuscular Coherence During Low- and High-Force Isometric Contractions. <i>Frontiers in Physiology</i> , 2018 , 9, 1933	4.6	8
150	The efficacy of the Ankle Mimicking Prosthetic Foot prototype 4.0 during walking: Physiological determinants. <i>Prosthetics and Orthotics International</i> , 2018 , 42, 504-510	1.5	10
149	Recovery and Performance in Sport: Consensus Statement. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 240-245	3.5	215
148	Nutritional Supplements and the Brain. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2018 , 28, 200-211	4.4	24
147	Cocoa Flavanol Supplementation and Exercise: A Systematic Review. <i>Sports Medicine</i> , 2018 , 48, 867-892	10.6	26
146	IOC Consensus Statement: Dietary Supplements and the High-Performance Athlete. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2018 , 28, 104-125	4.4	159
145	IOC consensus statement: dietary supplements and the high-performance athlete. <i>British Journal of Sports Medicine</i> , 2018 , 52, 439-455	10.3	237
144	Acute Effect of Noradrenergic Modulation on Motor Output Adjustment in Men. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1579-1587	1.2	4
143	Can the Lamberts and Lambert Submaximal Cycle Test Reflect Overreaching in Professional Cyclists?. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 23-28	3.5	10
142	Fatigue: Is it all neurochemistry?. <i>European Journal of Sport Science</i> , 2018 , 18, 37-46	3.9	29
141	High intensity interval training modulates hippocampal oxidative stress, BDNF and inflammatory mediators in rats. <i>Physiology and Behavior</i> , 2018 , 184, 6-11	3.5	53
140	Changes in Choice Reaction Time During and After 8 Days Exhaustive Cycling Are Not Related to Changes in Physical Performance. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 428-433	3.5	2

139	One-week cocoa flavanol intake increases prefrontal cortex oxygenation at rest and during moderate-intensity exercise in normoxia and hypoxia. <i>Journal of Applied Physiology</i> , 2018 , 125, 8-18	3.7	11
138	Mental Fatigue Impairs Endurance Performance: A Physiological Explanation. <i>Sports Medicine</i> , 2018 , 48, 2041-2051	10.6	78
137	A caffeine-maltodextrin mouth rinse counters mental fatigue. <i>Psychopharmacology</i> , 2018 , 235, 947-958	4.7	45
136	Repeated-sprints exercise in daylight fasting: carbohydrate mouth rinsing does not affect sprint and reaction time performance. <i>Biology of Sport</i> , 2018 , 35, 237-244	4.3	5
135	Multi-dimensional flow cytometry analysis reveals increasing changes in the systemic neutrophil compartment during seven consecutive days of endurance exercise. <i>PLoS ONE</i> , 2018 , 13, e0206175	3.7	8
134	Peripheral and central functions of monoamines: Can we use changes in plasma monoamine concentrations as a valid indicator of changes in the brain?. <i>Experimental Physiology</i> , 2018 , 103, 932-933	2.4	
133	Effects of Mental Fatigue on Endurance Performance in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1677-1687	1.2	34
132	Sleep during an Antarctic summer expedition: new light on "polar insomnia". <i>Journal of Applied Physiology</i> , 2017 , 122, 788-794	3.7	21
131	Repeated Sprints in Fasted State Impair Reaction Time Performance. <i>Journal of the American College of Nutrition</i> , 2017 , 36, 210-217	3.5	6
130	The Effects of Mental Fatigue on Physical Performance: A Systematic Review. <i>Sports Medicine</i> , 2017 , 47, 1569-1588	10.6	281
129	Acute cocoa Flavanols intake has minimal effects on exercise-induced oxidative stress and nitric oxide production in healthy cyclists: a randomized controlled trial. <i>Journal of the International Society of Sports Nutrition</i> , 2017 , 14, 28	4.5	20
128	Time-Discrete Vibrotactile Feedback Contributes to Improved Gait Symmetry in Patients With Lower Limb Amputations: Case Series. <i>Physical Therapy</i> , 2017 , 97, 198-207	3.3	54
127	Prediction of Functional Overreaching From Subjective Fatigue and Readiness to Train After Only 3 Days of Cycling. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, S287-S294	3.5	51
126	Monitoring Physical and Cognitive Overload During a Training Camp in Professional Female Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2016 , 11, 933-939	3.5	17
125	Characteristics of bicycle crashes in an adolescent population in Flanders (Belgium). <i>Accident Analysis and Prevention</i> , 2016 , 97, 103-110	6.1	23
124	Bike Desks in the Office: Physical Health, Cognitive Function, Work Engagement, and Work Performance. <i>Journal of Occupational and Environmental Medicine</i> , 2016 , 58, 1257-1263	2	16
123	Noradrenaline Reuptake Inhibition Impairs Cortical Output and Limits Endurance Time. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1014-23	1.2	18
122	Neural Contributions to Muscle Fatigue: From the Brain to the Muscle and Back Again. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 2294-2306	1.2	211

121	Effects of Intermittent Fasting, Caloric Restriction, and Ramadan Intermittent Fasting on Cognitive Performance at Rest and During Exercise in Adults. <i>Sports Medicine</i> , 2016 , 46, 35-47	10.6	48
120	Cycling on a Bike Desk Positively Influences Cognitive Performance. <i>PLoS ONE</i> , 2016 , 11, e0165510	3.7	22
119	Exercise during Short-Term and Long-Term Continuous Exposure to Hypoxia Exacerbates Sleep-Related Periodic Breathing. <i>Sleep</i> , 2016 , 39, 773-83	1.1	3
118	How much is too much? (Part 2) International Olympic Committee consensus statement on load in sport and risk of illness. <i>British Journal of Sports Medicine</i> , 2016 , 50, 1043-52	10.3	215
117	How much is too much? (Part 1) International Olympic Committee consensus statement on load in sport and risk of injury. <i>British Journal of Sports Medicine</i> , 2016 , 50, 1030-41	10.3	434
116	Guidelines to Classify Female Subject Groups in Sport-Science Research. <i>International Journal of Sports Physiology and Performance</i> , 2016 , 11, 204-13	3.5	60
115	Acute cocoa flavanol improves cerebral oxygenation without enhancing executive function at rest or after exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, 1225-1232	3	32
114	The influence of a mild thermal challenge and severe hypoxia on exercise performance and serum BDNF. <i>European Journal of Applied Physiology</i> , 2015 , 115, 2135-48	3.4	15
113	Computerized spatial navigation training during 14 days of bed rest in healthy older adult men: Effect on gait performance. <i>Psychology and Aging</i> , 2015 , 30, 334-340	3.6	20
112	Exposure measurement in bicycle safety analysis: A review of the literature. <i>Accident Analysis and Prevention</i> , 2015 , 84, 9-19	6.1	82
111	eAMI: a qualitative quantification of periodic breathing based on amplitude of oscillations. <i>Sleep</i> , 2015 , 38, 381-9	1.1	4
110	Temporal and spatial organization of gait-related electrocortical potentials. <i>Neuroscience Letters</i> , 2015 , 599, 75-80	3.3	18
109	Role of Ratings of Perceived Exertion during Self-Paced Exercise: What are We Actually Measuring?. <i>Sports Medicine</i> , 2015 , 45, 1235-1243	10.6	108
108	Brain-derived neurotrophic factor as a driving force behind neuroplasticity in neuropathic and central sensitization pain: a new therapeutic target?. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 565-76	6.4	91
107	Psychophysiological response to cognitive workload during symmetrical, asymmetrical and dual-task walking. <i>Human Movement Science</i> , 2015 , 40, 248-63	2.4	32
106	Neurotrophins and cognitive functions in T1D compared with healthy controls: effects of a high-intensity exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 20-7	3	26
105	Exercise in isolation—a countermeasure for electrocortical, mental and cognitive impairments. <i>PLoS ONE</i> , 2015 , 10, e0126356	3.7	16
104	Human-Robot Interaction: Does Robotic Guidance Force Affect Gait-Related Brain Dynamics during Robot-Assisted Treadmill Walking?. <i>PLoS ONE</i> , 2015 , 10, e0140626	3.7	30

103 Topic 3. Nutrition and the brain **2015**, 47-56

102 Exercise, nutrition and the brain. *Sports Medicine*, **2014**, 44 Suppl 1, S47-56 10.6 104

101 Strength training reduces circulating interleukin-6 but not brain-derived neurotrophic factor in community-dwelling elderly individuals. *Age*, **2014**, 36, 9704 37

100 Active workstations to fight sedentary behaviour. *Sports Medicine*, **2014**, 44, 1261-73 10.6 87

99 Physical activity, air pollution and the brain. *Sports Medicine*, **2014**, 44, 1505-18 10.6 30

98 Effect of recovery interventions on cycling performance and pacing strategy in the heat. *International Journal of Sports Physiology and Performance*, **2014**, 9, 240-8 3.5 6

97 Does robot-assisted gait rehabilitation improve balance in stroke patients? A systematic review. *Topics in Stroke Rehabilitation*, **2014**, 21, 87-100 2.6 60

96 Type 1 diabetes-associated cognitive decline: a meta-analysis and update of the current literature. *Journal of Diabetes*, **2014**, 6, 499-513 3.8 90

95 Trunk muscle activity during walking in persons with multiple sclerosis: the influence of body weight support. *NeuroRehabilitation*, **2014**, 34, 323-35 2 9

94 Trunk kinematics during walking in persons with multiple sclerosis: the influence of body weight support. *NeuroRehabilitation*, **2014**, 34, 731-40 2 9

93 Clinical assessment of the scapula: a review of the literature. *British Journal of Sports Medicine*, **2014**, 48, 883-90 10.3 54

92 Caffeine, exercise and the brain. *Nestle Nutrition Institute Workshop Series*, **2013**, 76, 1-12 1.9 42

91 Nutritional Effects on Central Fatigue **2013**, 206-213

90 Prevention, diagnosis and treatment of the overtraining syndrome: Joint consensus statement of the European College of Sport Science (ECSS) and the American College of Sports Medicine (ACSM). *European Journal of Sport Science*, **2013**, 13, 1-24 3.9 163

89 Neurophysiological determinants of theoretical concepts and mechanisms involved in pacing. *Sports Medicine*, **2013**, 43, 301-11 10.6 105

88 Validation and reliability of the Dutch language version of the Modifiable Activity Questionnaire in healthy subjects. *Sport Sciences for Health*, **2013**, 9, 139-144 1.3 5

87 Influence of electrically assisted cycling on physiological parameters in untrained subjects. *European Journal of Sport Science*, **2013**, 13, 290-4 3.9 29

86 The influence of exercise on prefrontal cortex activity and cognitive performance during a simulated space flight to Mars (MARS500). *Behavioural Brain Research*, **2013**, 236, 1-7 3.4 43

85	Brain mapping after prolonged cycling and during recovery in the heat. <i>Journal of Applied Physiology</i> , 2013 , 115, 1324-31	3.7	19
84	Subclinical effects of aerobic training in urban environment. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 439-47	1.2	40
83	Prevention, diagnosis, and treatment of the overtraining syndrome: joint consensus statement of the European College of Sport Science and the American College of Sports Medicine. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 186-205	1.2	578
82	Guidelines to classify subject groups in sport-science research. <i>International Journal of Sports Physiology and Performance</i> , 2013 , 8, 111-22	3.5	353
81	Effects of different types of acute and chronic (training) exercise on glycaemic control in type 1 diabetes mellitus: a meta-analysis. <i>Sports Medicine</i> , 2012 , 42, 1059-80	10.6	90
80	Effect of acute endurance and resistance exercise on endocrine hormones directly related to lipolysis and skeletal muscle protein synthesis in adult individuals with obesity. <i>Sports Medicine</i> , 2012 , 42, 415-31	10.6	32
79	Evaluation of critical swimming velocity in young amateur swimmers. <i>Sport Sciences for Health</i> , 2012 , 7, 87-91	1.3	2
78	No changes in time trial performance of master endurance athletes after 4 weeks on a low carbohydrate diet. <i>Sport Sciences for Health</i> , 2012 , 8, 51-58	1.3	
77	Caffeine, dopamine and thermoregulation. <i>European Journal of Applied Physiology</i> , 2012 , 112, 1979-80	3.4	6
76	A prospective cohort study on minor accidents involving commuter cyclists in Belgium. <i>Accident Analysis and Prevention</i> , 2012 , 45, 683-93	6.1	100
75	Changed gene expression in brains of mice exposed to traffic in a highway tunnel. <i>Inhalation Toxicology</i> , 2012 , 24, 676-86	2.7	36
74	Effects of noradrenaline and dopamine on supraspinal fatigue in well-trained men. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2299-308	1.2	53
73	Effects of Different Types of Acute and Chronic (Training) Exercise on Glycaemic Control in Type 1 Diabetes Mellitus 2012 , 42, 1059		7
72	The Monoaminergic System in Animal Models of Exercise 2012 , 59-76		2
71	Influence of citalopram and environmental temperature on exercise-induced changes in BDNF. <i>Neuroscience Letters</i> , 2011 , 494, 150-4	3.3	40
70	No exercise-induced increase in serum BDNF after cycling near a major traffic road. <i>Neuroscience Letters</i> , 2011 , 500, 129-32	3.3	74
69	Coordination of soccer players during preseason training. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 3059-69	3.2	16
68	Continuous monitoring of hypothalamic neurotransmitters and thermoregulatory responses in exercising rats. <i>Journal of Neuroscience Methods</i> , 2011 , 202, 119-23	3	21

67	No effect of caffeine on exercise performance in high ambient temperature. <i>European Journal of Applied Physiology</i> , 2011 , 111, 3089-95	3.4	44
66	Effect of five different recovery methods on repeated cycle performance. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 890-7	1.2	18
65	Subclinical responses in healthy cyclists briefly exposed to traffic-related air pollution: an intervention study. <i>Environmental Health</i> , 2010 , 9, 64	6	110
64	Long-term effect of rehabilitation in coronary artery disease patients: randomized clinical trial of the impact of exercise volume. <i>Clinical Rehabilitation</i> , 2010 , 24, 319-27	3.3	49
63	Serotonin release in the preoptic area and anterior hypothalamus is not involved in thermoregulation during low-intensity exercise in a warm environment. <i>Neuroscience Letters</i> , 2010 , 482, 7-11	3.3	18
62	Does a period of detraining cause a decrease in serum brain-derived neurotrophic factor?. <i>Neuroscience Letters</i> , 2010 , 486, 146-9	3.3	19
61	Exercise as a countermeasure to psycho-physiological deconditioning during long-term confinement. <i>Behavioural Brain Research</i> , 2010 , 211, 208-14	3.4	61
60	Neuroplasticity - exercise-induced response of peripheral brain-derived neurotrophic factor: a systematic review of experimental studies in human subjects. <i>Sports Medicine</i> , 2010 , 40, 765-801	10.6	503
59	The impact of training modalities on the clinical benefits of exercise intervention in patients with cardiovascular disease risk or type 2 diabetes mellitus. <i>Sports Medicine</i> , 2010 , 40, 921-40	10.6	77
58	Alterations in central fatigue by pharmacological manipulations of neurotransmitters in normal and high ambient temperature. <i>Sports Medicine</i> , 2010 , 40, 229-46	10.6	88
57	Diagnosing overtraining in athletes using the two-bout exercise protocol. <i>British Journal of Sports Medicine</i> , 2010 , 44, 642-8	10.3	61
56	Plasma adipokine and inflammatory marker concentrations are altered in obese, as opposed to non-obese, type 2 diabetes patients. <i>European Journal of Applied Physiology</i> , 2010 , 109, 397-404	3.4	80
55	Strength training does not influence serum brain-derived neurotrophic factor. <i>European Journal of Applied Physiology</i> , 2010 , 110, 285-93	3.4	101
54	Exposure to particulate matter in traffic: A comparison of cyclists and car passengers. <i>Atmospheric Environment</i> , 2010 , 44, 2263-2270	5.3	279
53	Commuting by bike in Belgium, the costs of minor accidents. <i>Accident Analysis and Prevention</i> , 2010 , 42, 2149-57	6.1	53
52	Performance and thermoregulatory effects of chronic bupropion administration in the heat. <i>European Journal of Applied Physiology</i> , 2009 , 105, 493-8	3.4	37
51	Time trial performance in normal and high ambient temperature: is there a role for 5-HT?. <i>European Journal of Applied Physiology</i> , 2009 , 107, 119-26	3.4	35
50	Mapping bicycle use and the risk of accidents for commuters who cycle to work in Belgium. <i>Transport Policy</i> , 2009 , 16, 77-87	5.7	87

49	Effects of four recovery methods on repeated maximal rock climbing performance. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 1303-10	1.2	70
48	Clinical assessment of scapular positioning in musicians: an intertester reliability study. <i>Journal of Athletic Training</i> , 2009 , 44, 519-26	4	48
47	Influence of brain catecholamines on the development of fatigue in exercising rats in the heat. <i>Journal of Physiology</i> , 2008 , 586, 141-9	3.9	77
46	Importance of exercise training session duration in the rehabilitation of coronary artery disease patients. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008 , 15, 453-9		19
45	Acute norepinephrine reuptake inhibition decreases performance in normal and high ambient temperature. <i>Journal of Applied Physiology</i> , 2008 , 105, 206-12	3.7	72
44	No influence of noradrenaline manipulation on acute exercise-induced increase of brain-derived neurotrophic factor. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1990-6	1.2	42
43	Psychosocial and environmental factors associated with cycling for transport among a working population. <i>Health Education Research</i> , 2008 , 23, 697-708	1.8	145
42	Low agreement of ventilatory threshold between training modes in cardiac patients. <i>European Journal of Applied Physiology</i> , 2007 , 101, 547-54	3.4	20
41	Effect of Roptrotherapy on Pressure-Pain Thresholds in Patients with Subacute Nonspecific Low Back Pain. <i>Journal of Musculoskeletal Pain</i> , 2007 , 15, 41-53		13
40	Amino acids and the brain: do they play a role in "central fatigue"?. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2007 , 17 Suppl, S37-46	4.4	33
39	The importance of an exercise testing protocol for detecting changes of peak oxygen uptake in cardiac rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007 , 88, 1716-9	2.8	8
38	The effects of exercise training on fat-mass loss in obese patients during energy intake restriction. <i>Sports Medicine</i> , 2007 , 37, 31-46	10.6	59
37	Brain neurotransmitters in fatigue and overtraining. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 857-64	3	50
36	Prospective epidemiological study of basketball injuries during one competitive season: ankle sprains and overuse knee injuries. <i>Journal of Sports Science and Medicine</i> , 2007 , 6, 204-11	2.7	70
35	Efficacy of a sports specific balance training programme on the incidence of ankle sprains in basketball. <i>Journal of Sports Science and Medicine</i> , 2007 , 6, 212-9	2.7	44
34	The Overtraining Syndrome [Facts & fiction]. <i>European Journal of Sport Science</i> , 2006 , 6, 263-263	3.9	3
33	Psychomotor speed: possibly a new marker for overtraining syndrome. <i>Sports Medicine</i> , 2006 , 36, 817-28	10.6	63
32	Central fatigue: the serotonin hypothesis and beyond. <i>Sports Medicine</i> , 2006 , 36, 881-909	10.6	252

31	The brain and fatigue: new opportunities for nutritional interventions?. <i>Journal of Sports Sciences</i> , 2006 , 24, 773-82	3.6	50
30	Prevention, diagnosis and treatment of the Overtraining Syndrome. <i>European Journal of Sport Science</i> , 2006 , 6, 1-14	3.9	232
29	A pilot randomized placebo-controlled trial of roptrotherapy in patients with subacute non-specific low back pain. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2006 , 19, 111-117	1.4	10
28	Influence of climbing style on physiological responses during indoor rock climbing on routes with the same difficulty. <i>European Journal of Applied Physiology</i> , 2006 , 98, 489-96	3.4	51
27	Newspaper coverage of women's sports during the 2000 Sydney Olympic Games: Belgium, Denmark, France, and Italy. <i>Research Quarterly for Exercise and Sport</i> , 2005 , 76, 212-23	1.9	31
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