

Jeroen Van Cutsem

List of Publications by Year in descending order

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43
papers

1,227
citations

471061

17
h-index

395343

33
g-index

44
all docs

44
docs citations

44
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Mental Fatigue on Physical Performance: A Systematic Review. <i>Sports Medicine</i> , 2017, 47, 1569-1588.	3.1	472
2	A caffeine-maltodextrin mouth rinse counters mental fatigue. <i>Psychopharmacology</i> , 2018, 235, 947-958.	1.5	57
3	Bridging Exercise Science, Cognitive Psychology, and Medical Practice: Is "Cognitive Fatigue" a Remake of "The Emperor's New Clothes"? <i>Frontiers in Psychology</i> , 2018, 9, 1246.	1.1	54
4	Mental Fatigue and Sport-Specific Psychomotor Performance: A Systematic Review. <i>Sports Medicine</i> , 2021, 51, 1527-1548.	3.1	54
5	Effects of Mental Fatigue on Endurance Performance in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1677-1687.	0.2	48
6	Can Creatine Combat the Mental Fatigue-associated Decrease in Visuomotor Skills?. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 120-130.	0.2	48
7	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.	3.1	47
8	Endurance exercise-induced and mental fatigue and the brain. <i>Experimental Physiology</i> , 2021, 106, 2294-2298.	0.9	33
9	Mental fatigue impairs visuomotor response time in badminton players and controls. <i>Psychology of Sport and Exercise</i> , 2019, 45, 101579.	1.1	32
10	Cycling on a Bike Desk Positively Influences Cognitive Performance. <i>PLoS ONE</i> , 2016, 11, e0165510.	1.1	31
11	Mental Fatigue and Physical and Cognitive Performance During a 2-Bout Exercise Test. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 510-516.	1.1	29
12	Does Mental Fatigue Negatively Affect Outcomes of Functional Performance Tests?. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2002-2010.	0.2	27
13	How to Tackle Mental Fatigue: A Systematic Review of Potential Countermeasures and Their Underlying Mechanisms. <i>Sports Medicine</i> , 2022, 52, 2129-2158.	3.1	25
14	Bike Desks in the Classroom: Energy Expenditure, Physical Health, Cognitive Performance, Brain Functioning, and Academic Performance. <i>Journal of Physical Activity and Health</i> , 2017, 14, 429-439.	1.0	23
15	How Mentally Fatiguing Are Consecutive World Padel Tour Matches?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9059.	1.2	20
16	Bike Desks in the Office. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 1257-1263.	0.9	19
17	Electro-physiological changes in the brain induced by caffeine or glucose nasal spray. <i>Psychopharmacology</i> , 2017, 234, 53-62.	1.5	19
18	Mental Fatigue-Associated Decrease in Table Tennis Performance: Is There an Electrophysiological Signature?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12906.	1.2	19

#	ARTICLE	IF	CITATIONS
19	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, 2135-2148.	1.2	18
20	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.	0.7	16
21	A drop in cognitive performance, whodunit? Subjective mental fatigue, brain deactivation or increased parasympathetic activity? It's complicated!. <i>Cortex</i> , 2022, 155, 30-45.	1.1	16
22	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.	1.5	14
23	Mental fatigue impairs clinician-friendly balance test performance and brain activity. <i>Translational Sports Medicine</i> , 2020, 3, 616-625.	0.5	14
24	Prefrontal Cortex Oxygenation During Endurance Performance: A Systematic Review of Functional Near-Infrared Spectroscopy Studies. <i>Frontiers in Physiology</i> , 2021, 12, 761232.	1.3	14
25	Subjective thermal strain impairs endurance performance in a temperate environment. <i>Physiology and Behavior</i> , 2019, 202, 36-44.	1.0	12
26	The Effects of Mental Fatigue on Sport Performance. , 2021, , 134-148.		10
27	Do Glucose and Caffeine Nasal Sprays Influence Exercise or Cognitive Performance?. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1186-1191.	1.1	9
28	Acute cocoa flavanols intake improves cerebral hemodynamics while maintaining brain activity and cognitive performance in moderate hypoxia. <i>Psychopharmacology</i> , 2018, 235, 2597-2608.	1.5	9
29	Cognitive performance and brain dynamics during walking with a novel bionic foot: A pilot study. <i>PLoS ONE</i> , 2019, 14, e0214711.	1.1	7
30	The Cognitive-Vestibular Compensation Hypothesis: How Cognitive Impairments Might Be the Cost of Coping With Compensation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 732974.	1.0	6
31	Lessons From Special Forces Operators for Elite Team Sports Training: How to Make the Whole Greater Than the Sum of the Parts. <i>Frontiers in Sports and Active Living</i> , 2022, 4, 780767.	0.9	6
32	Impact of a Carbohydrate Mouth Rinse on Corticomotor Excitability after Mental Fatigue in Healthy College-Aged Subjects. <i>Brain Sciences</i> , 2021, 11, 972.	1.1	5
33	A State-of-the-Art Review on the Use of Modafinil as A Performance-enhancing Drug in the Context of Military Operationality. <i>Military Medicine</i> , 2022, 187, 1286-1298.	0.4	5
34	The impact of the COVID-19 lockdown on human psychology and physical activity; a space analogue research perspective. <i>International Journal of Astrobiology</i> , 2022, 21, 32-45.	0.9	5
35	Does A Mentally Demanding Cognitive Task Influence Motor Reaction Time?. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 672.	0.2	1
36	Trait Interindividual Differences in the Effectiveness of Modafinil. <i>Lecture Notes in Networks and Systems</i> , 2021, , 12-20.	0.5	1

#	ARTICLE	IF	CITATIONS
37	029â€¦Does acute fatigue negatively affect the lower extremity injury risk profile? A systematic and critical review. , 2021, , .		1
38	032â€¦Does mental fatigue negatively affect functional performance tests used to screen for lower extremity injury risk?. , 2021, , .		1
39	Does Mental Fatigue Alter Core And Skin Temperature In The Heat?. Medicine and Science in Sports and Exercise, 2016, 48, 123.	0.2	0
40	Training Level Does Not Affect The Negative Effect Of Mental Fatigue On Visuomotor Performance.. Medicine and Science in Sports and Exercise, 2019, 51, 637-637.	0.2	0
41	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. Physiology & Behavior, 202, 36â€“44.. Physiology and Behavior, 2020, 221, 112880.	1.0	0
42	Effects Of Different Environments On Performance, Reaction Time And Brain-derived Neurotrophic Factor. Medicine and Science in Sports and Exercise, 2015, 47, 372.	0.2	0
43	139â€¦Mental fatigue interacts with brain activity during predefined and reactive balance tasks: is it time to add more context to injury prevention screening?. , 2021, , .		0