

Kevin De Pauw

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,688
citations

471371

17
h-index

454834

30
g-index

34
all docs

34
docs citations

34
times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking occupational exoskeletons: An evidence mapping systematic review. <i>Applied Ergonomics</i> , 2022, 98, 103582.	1.7	42
2	Deep learning for biosignal control: insights from basic to real-time methods with recommendations. <i>Journal of Neural Engineering</i> , 2022, 19, 011003.	1.8	10
3	Evaluation of an articulated passive ankle-foot prosthesis. <i>BioMedical Engineering OnLine</i> , 2022, 21, 28.	1.3	4
4	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
5	Passive Shoulder Exoskeletons: More Effective in the Lab Than in the Field?. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 173-183.	2.7	42
6	Acute fatigue alters brain activity and impairs reactive balance test performance. <i>Translational Sports Medicine</i> , 2021, 4, 488-499.	0.5	0
7	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.	0.8	60
8	Occupational exoskeletons: A roadmap toward large-scale adoption. Methodology and challenges of bringing exoskeletons to workplaces. <i>Wearable Technologies</i> , 2021, 2, .	1.6	67
9	Design and Evaluation of a Passive Cable-Driven Occupational Shoulder Exoskeleton. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021, 3, 1020-1031.	2.1	15
10	Does acute fatigue negatively affect the lower extremity injury risk profile? A systematic and critical review. , 2021, , .		1
11	Test-retest, intra- and inter-rater reliability of the reactive balance test: a neurocognitive functional test to evaluate adaptability within injury risk profiling. , 2021, , .		0
12	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
13	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
14	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
15	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.	0.8	5
16	Mental fatigue impairs clinician-friendly balance test performance and brain activity. <i>Translational Sports Medicine</i> , 2020, 3, 616-625.	0.5	14
17	Social Processes: What Determines Industrial Workers' Intention to Use Exoskeletons?. <i>Human Factors</i> , 2020, 62, 337-350.	2.1	42
18	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.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Guidelines and Recommendations to Investigate the Efficacy of a Lower-Limb Prosthetic Device: A Systematic Review. IEEE Transactions on Medical Robotics and Bionics, 2019, 1, 279-296.	2.1	15
20	Mental fatigue impairs visuomotor response time in badminton players and controls. Psychology of Sport and Exercise, 2019, 45, 101579.	1.1	32
21	Aging effects on prefrontal cortex oxygenation in a posture-cognition dual-task: an fNIRS pilot study. European Review of Aging and Physical Activity, 2019, 16, 2.	1.3	28
22	Subjective thermal strain impairs endurance performance in a temperate environment. Physiology and Behavior, 2019, 202, 36-44.	1.0	12
23	Cognitive performance and brain dynamics during walking with a novel bionic foot: A pilot study. PLoS ONE, 2019, 14, e0214711.	1.1	7
24	The efficacy of the Ankle Mimicking Prosthetic Foot prototype 4.0 during walking. Prosthetics and Orthotics International, 2018, 42, 504-510.	0.5	13
25	A caffeine-maltodextrin mouth rinse counters mental fatigue. Psychopharmacology, 2018, 235, 947-958.	1.5	57
26	Continuous Knee Cooling Affects Functional Hop Performance - A Randomized Controlled Trial. Journal of Sports Science and Medicine, 2018, 17, 322-329.	0.7	3
27	Effects of Mental Fatigue on Endurance Performance in the Heat. Medicine and Science in Sports and Exercise, 2017, 49, 1677-1687.	0.2	48
28	The Effects of Mental Fatigue on Physical Performance: A Systematic Review. Sports Medicine, 2017, 47, 1569-1588.	3.1	472
29	Cycling on a Bike Desk Positively Influences Cognitive Performance. PLoS ONE, 2016, 11, e0165510.	1.1	31
30	The influence of a mild thermal challenge and severe hypoxia on exercise performance and serum BDNF. European Journal of Applied Physiology, 2015, 115, 2135-2148.	1.2	18
31	Effect of Recovery Interventions on Cycling Performance and Pacing Strategy in the Heat. International Journal of Sports Physiology and Performance, 2014, 9, 240-248.	1.1	10
32	Brain mapping after prolonged cycling and during recovery in the heat. Journal of Applied Physiology, 2013, 115, 1324-1331.	1.2	27
33	Guidelines to Classify Subject Groups in Sport-Science Research. International Journal of Sports Physiology and Performance, 2013, 8, 111-122.	1.1	473
34	Effect of Recovery Interventions on Cycling Performance and Pacing Strategy in the Heat. International Journal of Sports Physiology and Performance, 2013, , .	1.1	1