Pieter Van den Berghe

List of Publications by Year
in descending order

11	172	1163117 8	1125743 13
papers	citations	h-index	g-index

14	14	14	178
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One hundred marathons in 100 days: Unique biomechanical signature and the evolution of force characteristics and bone density. Journal of Sport and Health Science, 2022, 11, 347-357.	6.5	5
2	Reducing the peak tibial acceleration of running by musicâ€based biofeedback: A quasiâ€randomized controlled trial. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 698-709.	2.9	9
3	Foot strike determines the center of pressure behavior and affects impact severity in heel-toe running. Journal of Sports Sciences, 2022, 40, 808-820.	2.0	3
4	Biomechanical adaptations following a musicâ€based biofeedback gait retraining program to reduce peak tibial accelerations. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 1142-1152.	2.9	9
5	Predicting gait events from tibial acceleration in rearfoot running: A structured machine learning approach. Gait and Posture, 2021, 84, 87-92.	1.4	10
6	Music-based biofeedback to reduce tibial shock in over-ground running: a proof-of-concept study. Scientific Reports, 2021, 11, 4091.	3.3	13
7	Change-Point Detection of Peak Tibial Acceleration in Overground Running Retraining. Sensors, 2020, 20, 1720.	3.8	9
8	Tibial Acceleration-Based Prediction of Maximal Vertical Loading Rate During Overground Running: A Machine Learning Approach. Frontiers in Bioengineering and Biotechnology, 2020, 8, 33.	4.1	20
9	Design and validation of an auditory biofeedback system for modification of running parameters. Journal on Multimodal User Interfaces, 2019, 13, 167-180.	2.9	17
10	Validity and reliability of peak tibial accelerations as real-time measure of impact loading during over-ground rearfoot running at different speeds. Journal of Biomechanics, 2019, 86, 238-242.	2.1	51
11	Exoskeleton assistance symmetry matters: unilateral assistance reduces metabolic cost, but relatively less than bilateral assistance. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 74.	4.6	21