

Pieter Van den Berghe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1535617/publications.pdf>

Version: 2024-02-01

11
papers

172
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

178
citing authors

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