

Bas Van Hooren

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

836
citations

623734

14
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

903
citing authors

#	ARTICLE	IF	CITATIONS
1	The Difference Between Countermovement and Squat Jump Performances: A Review of Underlying Mechanisms With Practical Applications. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2011-2020.	2.1	142
2	Is Motorized Treadmill Running Biomechanically Comparable to Overground Running? A Systematic Review and Meta-Analysis of Cross-Over Studies. <i>Sports Medicine</i> , 2020, 50, 785-813.	6.5	141
3	Real-time feedback by wearables in running: Current approaches, challenges and suggestions for improvements. <i>Journal of Sports Sciences</i> , 2020, 38, 214-230.	2.0	75
4	Do We Need a Cool-Down After Exercise? A Narrative Review of the Psychophysiological Effects and the Effects on Performance, Injuries and the Long-Term Adaptive Response. <i>Sports Medicine</i> , 2018, 48, 1575-1595.	6.5	62
5	Ultrasound imaging to assess skeletal muscle architecture during movements: a systematic review of methods, reliability, and challenges. <i>Journal of Applied Physiology</i> , 2020, 128, 978-999.	2.5	59
6	Is there really an eccentric action of the hamstrings during the swing phase of high-speed running? part I: A critical review of the literature. <i>Journal of Sports Sciences</i> , 2017, 35, 2313-2321.	2.0	58
7	A Systematic Review and Meta-Analysis of Crossover Studies Comparing Physiological, Perceptual and Performance Measures Between Treadmill and Overground Running. <i>Sports Medicine</i> , 2019, 49, 763-782.	6.5	48
8	Sensitive Periods to Train General Motor Abilities in Children and Adolescents: Do They Exist? A Critical Appraisal. <i>Strength and Conditioning Journal</i> , 2020, 42, 7-14.	1.4	36
9	Is there really an eccentric action of the hamstrings during the swing phase of high-speed running? Part II: Implications for exercise. <i>Journal of Sports Sciences</i> , 2017, 35, 2322-2333.	2.0	32
10	Influence of Muscle Slack on High-Intensity Sport Performance: A Review. <i>Strength and Conditioning Journal</i> , 2016, 38, 75-87.	1.4	29
11	The Effects of Set Structure Manipulation on Chronic Adaptations to Resistance Training: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2021, 51, 1061-1086.	6.5	24
12	The effects of the Nordic hamstring exercise on sprint performance and eccentric knee flexor strength: A systematic review and meta-analysis of intervention studies among team sport players. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 931-938.	1.3	21
13	Single-Leg Roman Chair Hold Is More Effective Than the Nordic Hamstring Curl in Improving Hamstring Strength-Endurance in Gaelic Footballers With Previous Hamstring Injury. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 3302-3308.	2.1	18
14	Muscle forces and fascicle behavior during three hamstring exercises. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 997-1012.	2.9	18
15	Mechanical Properties of Treadmill Surfaces Compared to Other Overground Sport Surfaces. <i>Sensors</i> , 2020, 20, 3822.	3.8	14
16	Can Resistance Training Enhance the Rapid Force Development in Unloaded Dynamic Isoinertial Multi-Joint Movements? A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2324-2337.	2.1	13
17	Attractive Gait Training: Applying Dynamical Systems Theory to the Improvement of Locomotor Performance Across the Lifespan. <i>Frontiers in Physiology</i> , 2019, 9, 1934.	2.8	12
18	Assessment of Peak Oxygen Uptake with a Smartwatch and its Usefulness for Training of Runners. <i>International Journal of Sports Medicine</i> , 2022, 43, 642-647.	1.7	7

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19	Using beat frequency in music to adjust running cadence in recreational runners: A randomized multiple baseline design. <i>European Journal of Sport Science</i> , 2023, 23, 345-354.	2.7	6
20	Self-paced and fixed speed treadmill walking yield similar energetics and biomechanics across different speeds. <i>Gait and Posture</i> , 2022, 92, 2-7.	1.4	5
21	The effect of countermovement on force production capacity depends on extension velocity: A study of alpine skiers and sprinters. <i>Journal of Sports Sciences</i> , 2021, 39, 1-11.	2.0	4
22	A Proposed Method to Assess the Mechanical Properties of Treadmill Surfaces. <i>Sensors</i> , 2020, 20, 2724.	3.8	3
23	Effects of ankle position during the Nordic Hamstring exercise on range of motion, heel contact force and hamstring muscle activation. <i>Sports Biomechanics</i> , 2022, , 1-13.	1.6	3
24	Authors'™ Reply to Dewolf et al.: œœs Motorized Treadmill Running Biomechanically Comparable to Overground Running? A Systematic Review and Meta-Analysis of Cross-Over Studiesœœ. <i>Sports Medicine</i> , 2020, 50, 1699-1699.	6.5	2
25	A New Approach to Improve the Validity of Doubly Labelled Water to Assess CO2 Production during High Energy Turnover. <i>Medicine and Science in Sports and Exercise</i> , 2022, Publish Ahead of Print, 965-973.	0.4	2
26	Sprint performance and force-velocity profiling does not differ between artificial turf and concrete. <i>International Journal of Sports Science and Coaching</i> , 2021, 16, 968-975.	1.4	1
27	Dataset of energetics and biomechanics of self-paced and fixed speed treadmill walking at multiple speeds. <i>Data in Brief</i> , 2022, 41, 107915.	1.0	1
28	Authors' Response. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, e2-e3.	2.1	0