

Luis Enrique Roche Seruendo

List of Publications by Citations

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29
papers

173
citations

8
h-index

11
g-index

40
ext. papers

277
ext. citations

2.8
avg, IF

3.51
L-index

#	Paper	IF	Citations
29	How Do Spatiotemporal Parameters and Lower-Body Stiffness Change with Increased Running Velocity? A Comparison Between Novice and Elite Level Runners. <i>Journal of Human Kinetics</i> , 2019 , 70, 25-38	2.6	17
28	Absolute Reliability and Concurrent Validity of the Stryd System for the Assessment of Running Stride Kinematics at Different Velocities. <i>Journal of Strength and Conditioning Research</i> , 2021 , 35, 78-84	3.2	17
27	Agreement between the spatiotemporal gait parameters from two different wearable devices and high-speed video analysis. <i>PLoS ONE</i> , 2019 , 14, e0222872	3.7	13
26	Lack of Influence of Muscular Performance Parameters on Spatiotemporal Adaptations With Increased Running Velocity. <i>Journal of Strength and Conditioning Research</i> , 2018 , 32, 409-415	3.2	13
25	Does fatigue alter step characteristics and stiffness during running?. <i>Gait and Posture</i> , 2020 , 76, 259-263	2.6	13
24	Validation of mDurance, A Wearable Surface Electromyography System for Muscle Activity Assessment. <i>Frontiers in Physiology</i> , 2020 , 11, 606287	4.6	12
23	How does the slope gradient affect spatiotemporal parameters during running? Influence of athletic level and vertical and leg stiffness. <i>Gait and Posture</i> , 2019 , 68, 72-77	2.6	12
22	Prediction of power output at different running velocities through the two-point method with the Stryd power meter. <i>Gait and Posture</i> , 2019 , 68, 238-243	2.6	11
21	Agreement between spatiotemporal parameters from a photoelectric system with different filter settings and high-speed video analysis during running on a treadmill at comfortable velocity. <i>Journal of Biomechanics</i> , 2019 , 93, 213-219	2.9	7
20	Minimum time required for assessing step variability during running at submaximal velocities. <i>Journal of Biomechanics</i> , 2018 , 80, 186-195	2.9	7
19	Mechanical Power in Endurance Running: A Scoping Review on Sensors for Power Output Estimation during Running. <i>Sensors</i> , 2020 , 20,	3.8	6
18	Effects of different percentages of body weight support on spatiotemporal step characteristics during running. <i>Journal of Sports Sciences</i> , 2018 , 36, 1441-1446	3.6	5
17	Is there any relationship between functional movement and weight status? A study in Spanish school-age children. <i>Nutricion Hospitalaria</i> , 2018 , 35, 805-810	1	5
16	Effectiveness of lumbar supports in low back functionality and disability in assembly-line workers. <i>Industrial Health</i> , 2019 , 57, 588-595	2.5	4
15	Test-retest reliability of the OptoGait system for the analysis of spatiotemporal running gait parameters and lower body stiffness in healthy adults. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020 , 234, 154-161	0.7	4
14	How do Amateur Endurance Runners Alter Spatiotemporal Parameters and Step Variability as Running Velocity Increases? a Sex Comparison. <i>Journal of Human Kinetics</i> , 2020 , 72, 39-49	2.6	4
13	How Does Power During Running Change when Measured at Different Time Intervals?. <i>International Journal of Sports Medicine</i> , 2019 , 40, 609-613	3.6	3

12	Influence of RunScribe placement on the accuracy of spatiotemporal gait characteristics during running. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020 , 234, 11-18	0.7	3
11	Estimating Functional Threshold Power in Endurance Running from Shorter Time Trials Using a 6-Axis Inertial Measurement Sensor. <i>Sensors</i> , 2021 , 21,	3.8	3
10	How do recreational endurance runners warm-up and cool-down? A descriptive study on the use of continuous runs. <i>International Journal of Performance Analysis in Sport</i> , 2019 , 19, 102-109	1.8	2
9	Do sex and body structure influence spatiotemporal step characteristics in endurance runners?. <i>Science and Sports</i> , 2019 , 34, 412.e1-412.e9	0.8	2
8	Influence of footwear, foot-strike pattern and step frequency on spatiotemporal parameters and lower-body stiffness in running. <i>Journal of Sports Sciences</i> , 2021 , 1-11	3.6	2
7	Is There a Relationship between the Morphology of Connective Tissue and Reactivity during a Drop Jump? Influence of Sex and Athletic Performance Level. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
6	Stiffness in Running: A Narrative Integrative Review. <i>Strength and Conditioning Journal</i> , 2021 , 43, 104-115		1
5	Agreement Between Spatiotemporal Gait Parameters Measured by a Markerless Motion Capture System and Two Reference Systems-a Treadmill-Based Photoelectric Cell and High-Speed Video Analyses: Comparative Study. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e19498	5.5	1
4	Absolute reliability and agreement between Stryd and RunScribe systems for the assessment of running power. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2021 , 235, 182-187	0.7	1
3	Agreement between muscle oxygen saturation from two commercially available systems in endurance running: Moxy Monitor versus Humon Hex. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 175433712110157	0.7	0
2	Absolute reliability and validity of the OptoGait™ system to measure spatiotemporal gait parameters during running. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2020 , 175433712097740	0.7	
1	How long is required to undertake step variability analysis during running? A pilot study. <i>Isokinetics and Exercise Science</i> , 2019 , 27, 63-67	0.6	