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List of Publications by Year
in descending order

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20 papers	270 citations	1307594 7 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	373 citing authors

#	Article	IF	Citations
1	Comparison between the Rizzoli and Oxford foot models with independent and clustered tracking markers. Gait and Posture, 2022, 91, 48-51.	1.4	2
2	Muscle actions on crossed and non-crossed joints during upright standing and gait: A comprehensive description based on induced acceleration analysis. Journal of Biomechanics, 2022, 130, 110874.	2.1	4
3	Respiratory synchrony comparison between preterm and fullâ€term neonates using inertial sensors. Pediatric Pulmonology, 2021, 56, 1763-1770.	2.0	4
4	Hip passive stiffness is associated with midfoot passive stiffness. Brazilian Journal of Physical Therapy, 2021, 25, 530-535.	2.5	1
5	Midfoot passive stiffness affects foot and ankle kinematics and kinetics during the propulsive phase of walking. Journal of Biomechanics, 2021, 119, 110328.	2.1	6
6	Reliability of a computational model for evaluating thoracoabdominal mobility in newborns: a cross-sectional study. Journal of Clinical Monitoring and Computing, 2021, , 1.	1.6	0
7	The Effects of Knee Flexion on Tennis Serve Performance of Intermediate Level Tennis Players. Sensors, 2021, 21, 5254.	3.8	3
8	Is there a dose-response of medial wedge insoles on lower limb biomechanics in people with pronated feet during walking and running?. Gait and Posture, 2021, 90, 190-196.	1.4	14
9	Comparison of the rigidity and forefoot â€“ Rearfoot kinematics from three forefoot tracking marker clusters during walking and weight-bearing foot pronation-supination. Journal of Biomechanics, 2020, 98, 109381.	2.1	5
10	Thoracoabdominal motion in newborns: Reliability between two interactive computing environments. Pediatric Pulmonology, 2020, 55, 1184-1189.	2.0	5
11	Reliability and sensitivity of an instrument for measuring the midfoot passive mechanical properties. Journal of Biomechanics, 2020, 104, 109735.	2.1	2
12	Comparison of four local vibratory stimuli on mechanical and sensorial variables related to muscleâ€tendon unit response. Translational Sports Medicine, 2020, 3, 440-446.	1.1	0
13	Effects of a foot orthosis inspired by the concept of a twisted osteoligamentous plate on the kinematics of foot-ankle complex during walking: A proof of concept. Journal of Biomechanics, 2019, 93, 118-125.	2.1	7
14	The clinical measure of forefoot-shank alignment partially reflects mechanical properties of the midfoot joint complex. Musculoskeletal Science and Practice, 2019, 42, 98-103.	1.3	6
15	Foot pronation during walking is associated to the mechanical resistance of the midfoot joint complex. Gait and Posture, 2019, 70, 20-23.	1.4	16
16	Myofascial force transmission in the lower limb: An in vivo experiment. Journal of Biomechanics, 2017, 63, 55-60.	2.1	13
17	Exploratory factor analysis for differentiating sensory and mechanical variables related to muscle-tendon unit elongation. Brazilian Journal of Physical Therapy, 2016, 20, 240-247.	2.5	5
18	Assessment of three-dimensional joint kinematics of the upper limb during simulated swimming using wearable inertial-magnetic measurement units. Journal of Sports Sciences, 2016, 34, 1073-1080.	2.0	54

#	Article	IF	Citations
19	Wearable inertial sensors in swimming motion analysis: a systematic review. Journal of Sports Sciences, 2015, 33, 732-745.	2.0	104
20	Effectiveness of an automatic tracking software in underwater motion analysis. Journal of Sports Science and Medicine, 2013, 12, 660-7.	1.6	19