

Maarten Eerdeken

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

146
citations

1307594

7
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of foot joint kinetics in three and four segment foot models using an existing proportionality scheme: Application in paediatric barefoot walking. <i>Journal of Biomechanics</i> , 2017, 61, 168-175.	2.1	42
2	Quantifying clinical misinterpretations associated to one-segment kinetic foot modelling in both a healthy and patient population. <i>Clinical Biomechanics</i> , 2019, 67, 160-165.	1.2	18
3	The impact of walking speed on the kinetic behaviour of different foot joints. <i>Gait and Posture</i> , 2019, 68, 375-381.	1.4	17
4	Clinical Applicability of an Existing Proportionality Scheme in Three-Segment Kinetic Foot Models. <i>Annals of Biomedical Engineering</i> , 2020, 48, 247-257.	2.5	16
5	Multi-segment foot kinematics during running and its association with striking patterns. <i>Sports Biomechanics</i> , 2022, 21, 71-84.	1.6	10
6	Loss of Mechanical Ankle Function Is Not Compensated by the Distal Foot Joints in Patients with Ankle Osteoarthritis. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 105-115.	1.5	10
7	A novel approach for the detection and exploration of joint coupling patterns in the lower limb kinetic chain. <i>Gait and Posture</i> , 2018, 62, 372-377.	1.4	7
8	The Biomechanical Behavior of Distal Foot Joints in Patients with Isolated, End-Stage Tibiotalar Osteoarthritis Is Not Altered Following Tibiotalar Fusion. <i>Journal of Clinical Medicine</i> , 2020, 9, 2594.	2.4	7
9	Clinical gait features are associated with MRI findings in patients with haemophilic ankle arthropathy. <i>Haemophilia</i> , 2020, 26, 333-339.	2.1	4
10	Contribution of foot joints in the energetics of human running. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 557-563.	1.6	3
11	Blood-induced cartilage damage alters the ankle joint load during walking. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2419-2428.	2.3	2
12	The biomechanical behaviour of ankle and foot joints during walking with shoes in patients with haemophilia. <i>Haemophilia</i> , 2020, 26, 726-734.	2.1	2
13	Biomechanical maturation of foot joints in typically developing boys: Novel insight in mechanics and energetics from a cross-sectional study. <i>Gait and Posture</i> , 2021, 85, 244-250.	1.4	2
14	The Receptive and Propulsive Behavior of Human Foot Joints During Running With Different Striking Strategies. <i>Journal of Applied Biomechanics</i> , 2019, 35, 336-343.	0.8	2
15	A novel magnet based 3D printed marker wand as basis for repeated in-shoe multi segment foot analysis: a proof of concept. <i>Journal of Foot and Ankle Research</i> , 2017, 10, 38.	1.9	1
16	Posterior tibial tendon dysfunction alters the midfoot mechanics and energetics during gait. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2196-2208.	2.3	1
17	Paediatric patients with blood-induced ankle joint arthritis demonstrate physiological foot joint mechanics and energetics during walking. <i>Haemophilia</i> , 2020, 26, 907-915.	2.1	0
18	Clinical and Biomechanical Progression after Ankle Joint Distraction in a Young Adolescent Patient with Haemophilia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11405.	2.6	0