Morten Bilde Simonsen

List of Publications by Year
in descending order

18 papers	284 citations	9 h-index	16 g-index
1040056			940533

18 all docs	18 docs citations	18 times ranked	321 citing authors

#	Article	IF	Citations
1	Rigid-body and musculoskeletal models. , 2022, , 659-680.		0
2	Effect of prolonged experimental neck pain on exercise-induced hypoalgesia. Pain, 2022, 163, 2411-2420.	4.2	4
3	The effect of foot orthoses on gait biomechanics and pain among people with rheumatoid arthritis: A quasi-experimental study. Gait and Posture, 2022, 95, 121-128.	1.4	2
4	A 3-Dimensional Gait Analysis of the Effects of Fatigue-Induced Reduced Foot Adductor Muscle Strength on the Walking of Healthy Subjects. Journal of Applied Biomechanics, 2022, 38, 271-279.	0.8	2
5	Introduction to musculoskeletal modelling. , 2021, , 41-80.		11
6	Different types of foot orthoses effect on gait mechanics in patients with rheumatoid arthritis. Journal of Biomechanics, 2021, , 110496.	2.1	7
7	Foot and Ankle Problems in Patients With Rheumatoid Arthritis in 2019: Still an Important Issue. ACR Open Rheumatology, 2021, 3, 396-402.	2.1	12
8	Validation of different stepping counters during treadmill and over ground walking. Gait and Posture, 2020, 80, 80-83.	1.4	3
9	A parametric study of effect of experimental tibialis posterior muscle pain on joint loading and muscle forcesâ€"Implications for patients with rheumatoid arthritis?. Gait and Posture, 2019, 72, 102-108.	1.4	12
10	Tibialis posterior muscle pain effects on hip, knee and ankle gait mechanics. Human Movement Science, 2019, 66, 98-108.	1.4	10
11	Patient-specific foot orthotics improves postural control of rheumatoid arthritis patients: a pilot study. Footwear Science, 2017, 9, S17-S18.	2.1	1
12	Evaluation of predicted knee function for component malrotation in total knee arthroplasty. Medical Engineering and Physics, 2017, 40, 56-64.	1.7	16
13	Prediction of closed-chain human arm dynamics in a crank-rotation task. Journal of Biomechanics, 2016, 49, 2684-2693.	2.1	14
14	Optimization-based dynamic prediction of kinematic and kinetic patterns for a human vertical jump from a squatting position. Multibody System Dynamics, 2016, 36, 37-65.	2.7	28
15	Scaling of musculoskeletal models from static and dynamic trials. International Biomechanics, 2015, 2, 1-11.	1.0	116
16	Human arm posture prediction in response to isometric endpoint forces. Journal of Biomechanics, 2015, 48, 4178-4184.	2.1	8
17	Prediction of crank torque and pedal angle profiles during pedaling movements by biomechanical optimization. Structural and Multidisciplinary Optimization, 2015, 51, 251-266.	3.5	16
18	Investigation of high-speed badminton racket kinematics by motion capture. Sports Engineering, 2011, 13, 57-63.	1.1	22