Fabien Leboeuf

List of Publications by Year
in descending order

34 papers	607 citations	623734 14 h-index	610901 24 g-index
44 all docs	44 docs citations	44 times ranked	708 citing authors

#	Article	IF	Citations
1	Gait Alteration Due to Haemophilic Arthropathies in Patients with Moderate Haemophilia. International Journal of Environmental Research and Public Health, 2022, 19, 7527.	2.6	1
2	Reliability of walking and stair climbing kinematics in a young obese population using a standard kinematic and the CGM2 model. Gait and Posture, 2021, 83, 96-99.	1.4	6
3	Sensitivity of conventional gait model to lower limb marker misplacement. Gait and Posture, 2020, 81, 101-102.	1.4	0
4	Impact of knee marker misplacement on gait kinematics of children with cerebral palsy using the Conventional Gait Modelâ€"A sensitivity study. PLoS ONE, 2020, 15, e0232064.	2.5	22
5	Title is missing!. , 2020, 15, e0232064.		0
6	Title is missing!. , 2020, 15, e0232064.		0
7	Title is missing!. , 2020, 15, e0232064.		0
8	Title is missing!. , 2020, 15, e0232064.		0
9	Title is missing!. , 2020, 15, e0232064.		0
10	Title is missing!. , 2020, 15, e0232064.		0
11	Lower limb sagittal gait kinematics can be predicted based on walking speed, gender, age and BMI. Scientific Reports, 2019, 9, 9510.	3.3	44
12	Detection of pronator muscle overactivity in children with unilateral spastic cerebral palsy: Development of a semi-automatic method using EMG data. Annals of Physical and Rehabilitation Medicine, 2019, 62, 409-417.	2.3	3
13	Publisher note: The conventional gait model, an open-source implementation that reproduce the past but prepares for the future. Gait and Posture, 2019, 69, 126.	1.4	22
14	The conventional gait model, an open-source implementation that reproduces the past but prepares for the future. Gait and Posture, 2019, 69, 235-241.	1.4	91
15	Effects of gleno-humeral joint centre mislocation on gleno-humeral kinematics and kinetics. Computer Methods in Biomechanics and Biomedical Engineering, 2019, 22, 764-771.	1.6	1
16	â€œDynamic knee valgusâ€•â€" Are we measuring what we think weâ€™re measuring? An evaluation of static and functional knee calibration methods for application in gait and clinical screening tests of the overhead squat and hurdle step. Gait and Posture, 2019, 70, 298-304.	1.4	4
17	The effect on conventional gait model kinematics and kinetics of hip joint centre equations in adult healthy gait. Journal of Biomechanics, 2019, 87, 167-171.	2.1	22
18	Estimation of muscle activation during different walking speeds with two mathematical approaches compared to surface EMG. Gait and Posture, 2018, 64, 266-273.	1.4	26

#	Article	IF	Citations
19	O 111 - accuracy of the conventional gait model: preliminary results. Gait and Posture, 2018, 65, 233-234.	1.4	0
20	Neurotomy of the rectus femoris nerve: Short-term effectiveness for spastic stiff knee gait. Gait and Posture, 2017, 52, 251-257.	1.4	12
21	An open source implementation of the Conventional Gait Model in Python. Gait and Posture, 2017, 57, 236.	1.4	8
22	Pathological and physiological muscle co-activation during active elbow extension in children with unilateral cerebral palsy. Clinical Neurophysiology, 2017, 128, 4-13.	1.5	17
23	The Conventional Gait Model - Success and Limitations. , 2017, , 1-19.		16
24	Muscle Activation during Gait in Children with Duchenne Muscular Dystrophy. PLoS ONE, 2016, 11, e0161938.	2.5	33
25	Modulation of lower limb muscle activity induced by curved walking in typically developing children. Gait and Posture, 2016, 50, 34-41.	1.4	3
26	Impact of muscle activation on ranges of motion during active elbow movement in children with spastic hemiplegic cerebral palsy. Clinical Biomechanics, 2015, 30, 86-94.	1.2	24
27	Does muscle coactivation influence joint excursions during gait in children with and without hemiplegic cerebral palsy? Relationship between muscle coactivation and joint kinematics. Clinical Biomechanics, 2015, 30, 1088-1093.	1.2	14
28	Validity and reliability of 3D marker based scapular motion analysis: A systematic review. Journal of Biomechanics, 2014, 47, 2219-2230.	2.1	109
29	The influence of gait speed on co-activation in unilateral spastic cerebral palsy children. Clinical Biomechanics, 2013, 28, 312-317.	1.2	26
30	Detection of incoherent joint state due to inaccurate bone motion estimation. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 165-174.	1.6	4
31	Unstable gait due to spasticity of the rectus femoris: Gait analysis and motor nerve block. Annals of Physical and Rehabilitation Medicine, 2012, 55, 609-622.	2.3	10
32	Effet de la vitesse de marche sur la co-activation musculaire pendant la marche chez lâ€™enfant paralysÃ© cÃ©rÃ©bral hÃ©miplÃ©gique. Annals of Physical and Rehabilitation Medicine, 2012, 55, e220.	2.3	0
33	In vivo estimation of the glenohumeral joint centre by functional methods: Accuracy and repeatability assessment. Journal of Biomechanics, 2010, 43, 370-374.	2.1	57
34	Energetic versus sthenic optimality criteria for gymnastic movement synthesis. Multibody System Dynamics, 2006, 16, 213-236.	2.7	22