Julien ClÃ©ment

List of Publications by Year
in descending order

17 papers	299 citations	1040056 9 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	386 citing authors

#	Article	IF	Citations
1	Kinematic alignment in total knee arthroplasty better reproduces normal gait than mechanical alignment. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 1410-1417.	4.2	92
2	Soft tissue artifact compensation in knee kinematics by multi-body optimization: Performance of subject-specific knee joint models. Journal of Biomechanics, 2015, 48, 3796-3802.	2.1	60
3	Healthy 3D knee kinematics during gait: Differences between women and men, and correlation with x-ray alignment. Gait and Posture, 2018, 64, 198-204.	1.4	23
4	Comparison of quasi-static and dynamic squats: A three-dimensional kinematic, kinetic and electromyographic study of the lower limbs. Gait and Posture, 2014, 40, 94-100.	1.4	19
5	Implementation and Evaluation of a Wiki Involving Multiple Stakeholders Including Patients in the Promotion of Best Practices in Trauma Care: The WikiTrauma Interrupted Time Series Protocol. JMIR Research Protocols, 2015, 4, e21.	1.0	17
6	Can generic knee joint models improve the measurement of osteoarthritic knee kinematics during squatting activity?. Computer Methods in Biomechanics and Biomedical Engineering, 2017, 20, 94-103.	1.6	16
7	Comparison of soft tissue artifact and its effects on knee kinematics between non-obese and obese subjects performing a squatting activity recorded using an exoskeleton. Gait and Posture, 2018, 61, 197-203.	1.4	14
8	Hip-Knee-Ankle (HKA) angle modification during gait in healthy subjects. Gait and Posture, 2019, 72, 62-68.	1.4	12
9	Measurement of combined glenoid and Hill–Sachs lesions in anterior shoulder instability. Shoulder and Elbow, 2017, 9, 160-168.	1.5	11
10	Influence of biomechanical multi-joint models used in global optimisation to estimate healthy and osteoarthritis knee kinematics. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 76-77.	1.6	8
11	Validation of an Experimental Testing Apparatus Simulating the Stance Phase of a Canine Pelvic Limb at Trot in the Normal and the Cranial Cruciate–Deficient Stifle: An In Vitro Kinematic Study. Veterinary Surgery, 2010, 39, 390-397.	1.0	7
12	A method to study 3D knee pseudo-kinematics using low-dose stereoradiography during static squat. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 138-139.	1.6	6
13	Three-dimensional analysis of the locked position in patients with recurrent shoulder instability. Journal of Shoulder and Elbow Surgery, 2017, 26, 536-543.	2.6	4
14	Reproducibility analysis of upper limbs reachable workspace, and effects of acquisition protocol, sex and hand dominancy. Journal of Biomechanics, 2018, 68, 58-64.	2.1	4
15	Instantaneous velocity estimation for the four swimming strokes using a 3-axis accelerometer: Validation on paralympic athletes. Journal of Biomechanics, 2021, 117, 110261.	2.1	3
16	Estimating joint space of the knee during weight-bearing squatting activity using motion capture – preliminary results of a new method. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 1910-1911.	1.6	2
17	Differences between match and training situations for water polo goalkeepers. Sports Engineering, 2022, 25, .	1.1	1