

Kurt Claeys

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

605
citations

12
h-index

24
g-index

27
ext. papers

794
ext. citations

3.2
avg, IF

3.71
L-index

#	Paper	IF	Citations
27	A Detailed Comparison of Preoperative Complaints in Severe Carpal Tunnel Syndrome versus Recurrent Carpal Tunnel Syndrome Using the Boston Carpal Tunnel Questionnaire.. <i>journal of hand surgery Asian-Pacific volume, The</i> , 2022 , 2250006	0.5	1
26	Trunk control, motion and alignment after total knee arthroplasty: a systematic review and meta-analysis.. <i>Gait and Posture</i> , 2022 , 94, 173-188	2.6	0
25	Inverse Kinematic Alignment for Total Knee Arthroplasty.. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2022 , 103305	2.9	3
24	In-vitro validation of inertial-sensor-to-bone alignment. <i>Journal of Biomechanics</i> , 2021 , 128, 110781	2.9	1
23	Influence of Electrically Powered Pedal Assistance on User-Induced Cycling Loads and Muscle Activity during Cycling. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2032	2.6	1
22	Reference in-vitro dataset for inertial-sensor-to-bone alignment applied to the tibiofemoral joint. <i>Scientific Data</i> , 2021 , 8, 208	8.2	0
21	High Levels of Kinesiophobia at Discharge from the Hospital May Negatively Affect the Short-Term Functional Outcome of Patients Who Have Undergone Knee Replacement Surgery. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
20	A Novel Method to Estimate the Full Knee Joint Kinematics Using Low Cost IMU Sensors for Easy to Implement Low Cost Diagnostics. <i>Sensors</i> , 2020 , 20,	3.8	3
19	Inertial Sensor-Based Lower Limb Joint Kinematics: A Methodological Systematic Review. <i>Sensors</i> , 2020 , 20,	3.8	30
18	Drift-Free Inertial Sensor-Based Joint Kinematics for Long-Term Arbitrary Movements. <i>IEEE Sensors Journal</i> , 2020 , 20, 7969-7979	4	16
17	Higher satisfaction after total knee arthroplasty using restricted inverse kinematic alignment compared to adjusted mechanical alignment. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020 , 1	5.5	17
16	Effect of knee arthroplasty on sports participation and activity levels: a systematic review and meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000729	3.4	4
15	Validation of a Bar Linkage Model for Joint Angle Estimation during Cycling. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5104	2.6	1
14	Hip and knee kinematics of the forward lunge one year after unicondylar and total knee arthroplasty. <i>Journal of Electromyography and Kinesiology</i> , 2019 , 48, 24-30	2.5	1
13	Estimation and validation of temporal gait features using a markerless 2D video system. <i>Computer Methods and Programs in Biomedicine</i> , 2019 , 175, 45-51	6.9	8
12	Lower extremity gait kinematics outcomes after knee replacement demonstrate arthroplasty-specific differences between unicondylar and total knee arthroplasty: A pilot study. <i>Gait and Posture</i> , 2019 , 73, 299-304	2.6	9
11	The implementation of inertial sensors for the assessment of temporal parameters of gait in the knee arthroplasty population. <i>Clinical Biomechanics</i> , 2018 , 54, 22-27	2.2	12

10	Correlation between an inertial and camera based system for the assessment of temporal parameters of gait in the knee arthroplasty population. <i>Gait and Posture</i> , 2017 , 57, 280-281	2.6	2
9	Sagittal evaluation of usual standing and sitting spinal posture. <i>Journal of Bodywork and Movement Therapies</i> , 2016 , 20, 326-33	1.6	14
8	Young individuals with a more ankle-steered proprioceptive control strategy may develop mild non-specific low back pain. <i>Journal of Electromyography and Kinesiology</i> , 2015 , 25, 329-38	2.5	29
7	Resting-State Functional Connectivity of the Sensorimotor Network in Individuals with Nonspecific Low Back Pain and the Association with the Sit-to-Stand-to-Sit Task. <i>Brain Connectivity</i> , 2015 , 5, 303-11	2.7	40
6	Impaired postural control reduces sit-to-stand-to-sit performance in individuals with chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2014 , 9, e88247	3.7	28
5	Altered variability in proprioceptive postural strategy in people with recurrent low back pain 2013 , 135-144		3
4	Altered preparatory pelvic control during the sit-to-stance-to-sit movement in people with non-specific low back pain. <i>Journal of Electromyography and Kinesiology</i> , 2012 , 22, 821-8	2.5	27
3	Decreased variability in postural control strategies in young people with non-specific low back pain is associated with altered proprioceptive reweighting. <i>European Journal of Applied Physiology</i> , 2011 , 111, 115-23	3.4	111
2	The effect of acute back muscle fatigue on postural control strategy in people with and without recurrent low back pain. <i>European Spine Journal</i> , 2011 , 20, 2152-9	2.7	64
1	Persons with recurrent low back pain exhibit a rigid postural control strategy. <i>European Spine Journal</i> , 2008 , 17, 1177-84	2.7	175