

Adam Trepczynski

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

622
citations

1163117

8
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient-specific resurfacing implant knee surgery in subjects with early osteoarthritis results in medial pivot and lateral femoral rollback during flexion: a retrospective pilot study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 1247-1266.	4.2	3
2	European Society of Biomechanics S.M. Perren Award 2022: Standardized tibio-femoral implant loads and kinematics. <i>Journal of Biomechanics</i> , 2022, 141, 111171.	2.1	10
3	Towards planning of osteotomy around the knee with quantitative inclusion of the adduction moment: a biomechanical approach. <i>Journal of Experimental Orthopaedics</i> , 2021, 8, 39.	1.8	3
4	Retention of Posterior Cruciate Ligament Alone May Not Achieve Physiological Knee Joint Kinematics After Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 146-154.	3.0	6
5	Dynamic Knee Joint Line Orientation Is Not Predictive of Tibio-Femoral Load Distribution During Walking. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 754715.	4.1	5
6	Knieendoprothetik: Biomechanik des Kniegelenks. Springer Reference Medizin, 2021, , 1-18.	0.0	0
7	The Capacity of Generic Musculoskeletal Simulations to Predict Knee Joint Loading Using the CAMS-Knee Datasets. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1430-1440.	2.5	29
8	Weight Bearing Activities change the Pivot Position after Total Knee Arthroplasty. <i>Scientific Reports</i> , 2019, 9, 9148.	3.3	9
9	Tibio-Femoral Contact Force Distribution is Not the Only Factor Governing Pivot Location after Total Knee Arthroplasty. <i>Scientific Reports</i> , 2019, 9, 182.	3.3	10
10	Modifications of femoral component design in multi-radius total knee arthroplasty lead to higher lateral posterior femoro-tibial translation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1645-1655.	4.2	37
11	Impact of antagonistic muscle co-contraction on in vivo knee contact forces. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 101.	4.6	42
12	A comprehensive assessment of the musculoskeletal system: The CAMS-Knee data set. <i>Journal of Biomechanics</i> , 2017, 65, 32-39.	2.1	82
13	Modulation of the Relationship Between External Knee Adduction Moments and Medial Joint Contact Forces Across Subjects and Activities. <i>Arthritis and Rheumatology</i> , 2014, 66, 1218-1227.	5.6	73
14	Knee Adduction Moment and Medial Contact Force – Facts about Their Correlation during Gait. <i>PLoS ONE</i> , 2013, 8, e81036.	2.5	180
15	Patellofemoral joint contact forces during activities with high knee flexion. <i>Journal of Orthopaedic Research</i> , 2012, 30, 408-415.	2.3	77
16	The SCoRE residual: A quality index to assess the accuracy of joint estimations. <i>Journal of Biomechanics</i> , 2011, 44, 1400-1404.	2.1	52
17	Uncertainty in Muscle–Tendon Parameters can Greatly Influence the Accuracy of Knee Contact Force Estimates of Musculoskeletal Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	4