Maximilian C M Fischer

List of Publications by Year
in descending order

10 papers	107 citations	1478505 6 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	110 citing authors

#	Article	IF	Citations
1	Effect of the underlying cadaver data and patient-specific adaptation of the femur and pelvis on the prediction of the hip joint force estimated using static models. Journal of Biomechanics, 2022, 139, 110526.	2.1	3
2	Implications of the uncertainty of postoperative functional parameters for the preoperative planning of total hip arthroplasty. Journal of Orthopaedic Research, 2022, 40, 2656-2662.	2.3	2
3	The Patient-Specific Combined Target Zone for Morpho-Functional Planning of Total Hip Arthroplasty. Journal of Personalized Medicine, 2021, 11, 817.	2.5	10
4	Preoperative factors improving the prediction of the postoperative sagittal orientation of the pelvis in standing position after total hip arthroplasty. Scientific Reports, 2020, 10, 15944.	3.3	5
5	A robust method for automatic identification of femoral landmarks, axes, planes and bone coordinate systems using surface models. Scientific Reports, 2020, 10, 20859.	3.3	9
6	A robust method for automatic identification of landmarks on surface models of the pelvis. Scientific Reports, 2019, 9, 13322.	3.3	13
7	Patient-specific musculoskeletal modeling of the hip joint for preoperative planning of total hip arthroplasty: A validation study based on in vivo measurements. PLoS ONE, 2018, 13, e0195376.	2.5	24
8	A biomechanical model of the wrist joint for patient-specific model guided surgical therapy: Part 2. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2016, 230, 326-334.	1.8	15
9	Development of a biomechanical model of the wrist joint for patient-specific model guided surgical therapy planning: Part 1. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2016, 230, 310-325.	1.8	24
10	Relationship between pelvic morphology and functional parameters in standing position for patient-specific cup planning in THA. , 0, , .		2