

Paul Arauz

List of Publications by Year in descending order

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papers

366
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759233

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#	ARTICLE	IF	CITATIONS
1	Stair Climbing and High Knee Flexion Activities in Bi-Cruciate Retaining Total Knee Arthroplasty: In-Vivo Kinematics and Articular Contact Analysis. <i>Journal of Arthroplasty</i> , 2019, 34, 570-576.	3.1	39
2	Sensitivity and Specificity of Metal Ion Level in Predicting Adverse Local Tissue Reactions Due to Head-Neck Taper Corrosion in Primary Metal-on-Polyethylene Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 3025-3029.	3.1	38
3	Bi-Cruciate Retaining Total Knee Arthroplasty Does Not Restore Native Tibiofemoral Articular Contact Kinematics During Gait. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1929-1937.	2.3	38
4	Risk Factors Associated With Early Complications of Revision Surgery for Head-Neck Taper Corrosion in Metal-on-Polyethylene Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 3231-3237.	3.1	34
5	Knee motion symmetry was not restored in patients with unilateral bi-cruciate retaining total knee arthroplasty – in vivo three-dimensional kinematic analysis. <i>International Orthopaedics</i> , 2018, 42, 2817-2823.	1.9	30
6	Outcome of Re-Revision Surgery for Adverse Local Tissue Reaction in Metal-on-Polyethylene and Metal-on-Metal Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, S284-S288.	3.1	24
7	In-vivo elongation of anterior and posterior cruciate ligament in bi-cruciate retaining total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2018, 36, 3239-3246.	2.3	18
8	In vivo kinematic analysis of patients with robotic-assisted total hip arthroplasty during gait at 1-year follow-up. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019, 15, e2021.	2.3	17
9	In Vivo analysis of spinopelvic kinematics and peak headcup contact in total hip arthroplasty patients with lumbar degenerative disc disease. <i>Journal of Orthopaedic Research</i> , 2019, 37, 674-680.	2.3	13
10	Does Component Alignment Affect Patient Reported Outcomes following Bicruciate Retaining Total Knee Arthroplasty? An In Vivo Three-Dimensional Analysis. <i>Journal of Knee Surgery</i> , 2020, 33, 798-803.	1.6	13
11	The Fate of Elevated Metal Ion Levels After Revision Surgery for Head-Neck Taper Corrosion in Patients With Metal-on-Polyethylene Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 2631-2635.	3.1	12
12	In-vivo 3-Dimensional gait symmetry analysis in patients with bilateral total hip arthroplasty. <i>Journal of Biomechanics</i> , 2018, 77, 131-137.	2.1	12
13	Experimental study of the optimal angle for arthrodesis of fingers based on kinematic analysis with tip-pinch manipulation. <i>Journal of Biomechanics</i> , 2016, 49, 4009-4015.	2.1	9
14	In-vivo analysis of sliding distance and cross-shear in Bi-cruciate retaining total knee arthroplasty. <i>Journal of Biomechanics</i> , 2018, 77, 8-15.	2.1	9
15	Gender Influences Gait Asymmetry following Bicruciate-Retaining Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, 33, 582-588.	1.6	9
16	Metallosis in cemented titanium alloy total knee arthroplasty without apparent metal-on-metal articulation. <i>Knee</i> , 2018, 25, 728-731.	1.6	8
17	Computational modeling of polyethylene wear in total hip arthroplasty using patient-specific kinematics-coupled finite element analysis. <i>Tribology International</i> , 2019, 129, 162-166.	5.9	8
18	Gender-specific difference of in-vivo kinematics in patients with unilateral total hip arthroplasty. <i>HIP International</i> , 2021, 31, 34-42.	1.7	7

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19	Biomechanics and Pinch Force of the Index Finger Under Simulated Proximal Interphalangeal Arthrodesis. <i>Journal of Hand Surgery</i> , 2017, 42, 658.e1-658.e7.	1.6	6
20	In vivo sliding distance on the metalâ€“polyethylene total hip arthroplasty articulation using patientâ€“specific gait analysis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 3151-3160.	2.3	6
21	In vivo kinematics of deep lunges and sit-to-stand activities in patients with bicruciate-retaining total knee arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 59-65.	4.4	6
22	Does treadmill workstation use affect userâ€™s kinematic gait symmetry?. <i>PLoS ONE</i> , 2021, 16, e0261140.	2.5	5
23	In Vitro Kinematic Analysis of Single Axis Radius Posterior-Substituting Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2021, 34, 1253-1259.	1.6	4
24	New technologies applied to canine limb prostheses: A review. <i>Veterinary World</i> , 2021, 14, 2793-2802.	1.7	1