

# Jessica L Asay

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

708  
citations

687363

13  
h-index

713466

21  
g-index

21  
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21  
docs citations

21  
times ranked

844  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of increased medio-lateral trunk sway for ambulatory mechanics. <i>Journal of Biomechanics</i> , 2008, 41, 165-170.	2.1	229
2	Adaptive patterns of movement during stair climbing in patients with knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2009, 27, 325-329.	2.3	69
3	Age and obesity alter the relationship between femoral articular cartilage thickness and ambulatory loads in individuals without osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2014, 32, 394-402.	2.3	62
4	Sensitivity of gait parameters to the effects of anti-inflammatory and opioid treatments in knee osteoarthritis patients. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1118-1124.	2.3	49
5	Cartilage Subsurface Changes to Magnetic Resonance Imaging UTE-T2* 2 Years After Anterior Cruciate Ligament Reconstruction Correlate With Walking Mechanics Associated With Knee Osteoarthritis. <i>American Journal of Sports Medicine</i> , 2018, 46, 565-572.	4.2	48
6	Evidence for joint moment asymmetry in healthy populations during gait. <i>Gait and Posture</i> , 2014, 40, 526-531.	1.4	36
7	Longitudinal changes in knee gait mechanics between 2 and 8 years after anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1478-1486.	2.3	30
8	Changes in the total knee joint moment in patients with medial compartment knee osteoarthritis over 5 years. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2373-2379.	2.3	27
9	Gait mechanics 2 years after anterior cruciate ligament reconstruction are associated with longer-term changes in patient-reported outcomes. <i>Journal of Orthopaedic Research</i> , 2017, 35, 634-640.	2.3	26
10	Adduction moment increases with age in healthy obese individuals. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1414-1422.	2.3	25
11	Effects of high heel wear and increased weight on the knee during walking. <i>Journal of Orthopaedic Research</i> , 2015, 33, 405-411.	2.3	24
12	Effects of active feedback gait retraining to produce a medial weight transfer at the foot in subjects with symptomatic medial knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2251-2259.	2.3	19
13	Repeatability of gait analysis for measuring knee osteoarthritis pain in patients with severe chronic pain. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1007-1012.	2.3	18
14	Patient-Reported Outcomes and Knee Mechanics Correlate With Patellofemoral Deep Cartilage UTE-T2* 2 Years After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2021, 49, 675-683.	4.2	10
15	Activating the somatosensory system enhances net quadriceps moment during gait. <i>Journal of Biomechanics</i> , 2019, 82, 149-155.	2.1	8
16	Changes in knee adduction moment wearing a variable-stiffness shoe correlate with changes in pain and mechanically stimulated cartilage oligomeric matrix levels. <i>Journal of Orthopaedic Research</i> , 2021, 39, 619-627.	2.3	8
17	Changes in stair ascent biomechanics two to eight years after ACL reconstruction are associated with patient-reported outcomes. <i>Gait and Posture</i> , 2019, 69, 91-95.	1.4	5
18	Vertical ground reaction force 2 years after anterior cruciate ligament reconstruction predicts 10-year patient-reported outcomes. <i>Journal of Orthopaedic Research</i> , 2022, 40, 129-137.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Utilizing the somatosensory system via vibratory stimulation to mitigate knee pain during walking: Randomized clinical trial. <i>Gait and Posture</i> , 2020, 80, 37-43.	1.4	4
20	Cartilage oligomeric matrix protein responses to a mechanical stimulus associate with ambulatory loading in individuals with anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Research</i> , 2022, 40, 791-798.	2.3	4
21	Intermittent vibrational stimulation enhances mobility during stair navigation in patients with knee pain. <i>Gait and Posture</i> , 2021, 86, 125-131.	1.4	2