

A Framework for the in Vivo Pathomechanics of Osteoa

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Mechanobiology of Articular Cartilage Development and Degeneration. <i>Clinical Orthopaedics and Related Research</i> , 2004, 427, S69-S77.	0.7	297
2	Ligament injury, reconstruction and osteoarthritis. <i>Current Opinion in Orthopaedics</i> , 2005, 16, 354-362.	0.3	83
3	Joint injury causes knee osteoarthritis in young adults. <i>Current Opinion in Rheumatology</i> , 2005, 17, 195-200.	2.0	353
4	Conditions that influence the accuracy of anthropometric parameter estimation for human body segments using shape-from-silhouette. , 2005, , .		5
5	Considerations in measuring cartilage thickness using MRI: factors influencing reproducibility and accuracy. <i>Osteoarthritis and Cartilage</i> , 2005, 13, 782-789.	0.6	180
6	Secondary gait changes in patients with medial compartment knee osteoarthritis: Increased load at the ankle, knee, and hip during walking. <i>Arthritis and Rheumatism</i> , 2005, 52, 2835-2844.	6.7	574
7	Wnt Influence on Chondrocyte Differentiation and Cartilage Function. <i>DNA and Cell Biology</i> , 2005, 24, 446-457.	0.9	51
8	A hypothesis matrix for studying biomechanical factors associated with the initiation and progression of posttraumatic osteoarthritis. <i>Medical Hypotheses</i> , 2005, 64, 1157-1161.	0.8	20
9	Role of knee kinematics and kinetics on performance and disability in people with medial compartment knee osteoarthritis. <i>Clinical Biomechanics</i> , 2006, 21, 1051-1059.	0.5	40
11	Rotational Changes at the Knee after ACL Injury Cause Cartilage Thinning. <i>Clinical Orthopaedics and Related Research</i> , 2006, 442, 39-44.	0.7	285
12	Registration of knee joint surfaces for the in-vivo study of joint injuries based on magnetic resonance imaging. , 2006, 6144, 935.		1
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15	The evolution of methods for the capture of human movement leading to markerless motion capture for biomechanical applications. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2006, 3, 6.	2.4	211
16	The effect of a passive muscle stretching protocol on the articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 196-202.	0.6	27
17	Knee joint loading differs in individuals with mild compared with moderate medial knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2006, 54, 3842-3849.	6.7	233
18	Anterior Cruciate Ligament Deficiency Alters the In Vivo Motion of the Tibiofemoral Cartilage Contact Points in Both the Anteroposterior and Mediolateral Directions. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1826-1834.	1.4	164
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20	Optimized extraction of glycosaminoglycans from normal and osteoarthritic cartilage for glycomics profiling. <i>Glycobiology</i> , 2007, 17, 25-35.	1.3	59
21	Effects of Initial Graft Tension on the Tibiofemoral Compressive Forces and Joint Position after Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2007, 35, 395-403.	1.9	65
22	Dynamic Function of the ACL-reconstructed Knee during Running. <i>Clinical Orthopaedics and Related Research</i> , 2007, 454, 66-73.	0.7	281
23	The influence of foot progression angle on the knee adduction moment during walking and stair climbing in pain free individuals with knee osteoarthritis. <i>Gait and Posture</i> , 2007, 26, 436-441.	0.6	188
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33	Patellofemoral contact pressure following high tibial osteotomy: a cadaveric study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 1094-1100.	2.3	92
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39	Does knee malalignment mediate the effects of quadriceps strengthening on knee adduction moment, pain, and function in medial knee osteoarthritis? A randomized controlled trial. <i>Arthritis and Rheumatism</i> , 2008, 59, 943-951.	6.7	197
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80	Effect of Tibial Tuberosity Advancement on Femorotibial Contact Mechanics and Stifle Kinematics. <i>Veterinary Surgery</i> , 2009, 38, 33-39.	0.5	68
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112	Differences in tibial rotation during walking in ACL reconstructed and healthy contralateral knees. <i>Journal of Biomechanics</i> , 2010, 43, 1817-1822.	0.9	171
113	Kinematic and kinetic features of normal level walking in patellofemoral pain syndrome: More than a sagittal plane alteration. <i>Journal of Biomechanics</i> , 2010, 43, 1794-1798.	0.9	45
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125	Muscle and Joint Function in Human Locomotion. <i>Annual Review of Biomedical Engineering</i> , 2010, 12, 401-433.	5.7	268
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#	ARTICLE	IF	CITATIONS
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