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 Biomedical Engineering  
 Biomechanics  
 Applied Mechanics  
 Articular Cartilage  
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<a href="#">Nonlinear analysis of cartilage in unconfined ramp compression using a fibril reinforced poroelastic model</a> BMDSAA Li LP, Soulhat J Clinical Biomechanics 14, 673-682	335	1999
<a href="#">A fibril reinforced nonhomogeneous poroelastic model for articular cartilage: inhomogeneous response in unconfined compression</a> LP Li, MD Buschmann, A Shirazi-Adl Journal of biomechanics 33 (12), 1533-1541	242	2000
<a href="#">Strain-rate dependent stiffness of articular cartilage in unconfined compression</a> LP Li, MD Buschmann, A Shirazi-Adl J. Biomech. Eng. 125 (2), 161-168	157	2003
<a href="#">The role of viscoelasticity of collagen fibers in articular cartilage: axial tension versus compression</a> LP Li, W Herzog, RK Korhonen, JS Jurvelin Medical engineering & physics 27 (1), 51-57	141	2005
<a href="#">A human knee joint model considering fluid pressure and fiber orientation in cartilages and menisci</a> KB Gu, LP Li Medical engineering & physics 33 (4), 497-503	118	2011
<a href="#">Strain-rate dependence of cartilage stiffness in unconfined compression: the role of fibril reinforcement versus tissue volume change in fluid pressurization</a> LP Li, W Herzog Journal of biomechanics 37 (3), 375-382	103	2004
<a href="#">Recent advances in computational mechanics of the human knee joint</a> M Kazemi, Y Dabiri, LP Li Computational and mathematical methods in medicine 2013	101	2013
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<a href="#">The role of viscoelasticity of collagen fibers in articular cartilage: theory and numerical formulation</a> LP Li, W Herzog Biorheology 41 (3-4), 181-194	91	2004
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<a href="#">Arthroscopic evaluation of cartilage degeneration using indentation testing —influence of indenter geometry</a> LP Li, W Herzog Clinical Biomechanics 21 (4), 420-426	45	2006
<a href="#">Investigation of mechanical behavior of articular cartilage by fibril reinforced poroelastic models</a> LP Li, A Shirazi-Adl, MD Buschmann Biorheology 40 (1, 2, 3), 227-233	44	2003
<a href="#">Theory of poroelastic beams with axial diffusion</a> LP Li, K Schulgasser, G Cederbaum Journal of the Mechanics and Physics of Solids 43 (12), 2023-2042	44	1995
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<a href="#">A viscoelastic poromechanical model of the knee joint in large compression</a> M Kazemi, LP Li Medical engineering & physics 36 (8), 998-1006	43	2014
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<a href="#">Altered knee joint mechanics in simple compression associated with early cartilage degeneration</a> Y Dabiri, LP Li Computational and mathematical methods in medicine 2013	40	2013