

Effects of hydration on the mechanical response of indi

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nanomechanics of Biocompatible Hollow Thin-Shell Polymer Microspheres. <i>Langmuir</i> , 2009, 25, 7514-7522.	1.6	53
2	Nanomechanical Heterogeneity in the Gap and Overlap Regions of Type I Collagen Fibrils with Implications for Bone Heterogeneity. <i>Biomacromolecules</i> , 2009, 10, 2565-2570.	2.6	126
3	Tuning the Elastic Modulus of Hydrated Collagen Fibrils. <i>Biophysical Journal</i> , 2009, 97, 2985-2992.	0.2	143
4	Changes in stiffness of resin-infiltrated demineralized dentin after remineralization by a bottom-up biomimetic approach. <i>Acta Biomaterialia</i> , 2010, 6, 1453-1461.	4.1	35
5	Multiscale modeling of elastic properties of cortical bone. <i>Acta Mechanica</i> , 2010, 213, 131-154.	1.1	164
6	Modelling Young's modulus for porous bones with microstructural variation and anisotropy. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 463-472.	1.7	4
7	In Vitro Fracture Testing of Submicron Diameter Collagen Fibril Specimens. <i>Biophysical Journal</i> , 2010, 99, 1986-1995.	0.2	71
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15	Atomic force microscopy of electrospun organic-inorganic lipid nanofibers. <i>Applied Physics Letters</i> , 2011, 99, 103702.	1.5	14
16	Longitudinal variations in the Poisson's ratio of collagen fibrils. <i>Applied Physics Letters</i> , 2011, 98, 163707.	1.5	11
17	Multi-scale modelling of elastic moduli of trabecular bone. <i>Journal of the Royal Society Interface</i> , 2012, 9, 1654-1673.	1.5	64
18	Mechanical properties of human patellar tendon at the hierarchical levels of tendon and fibril. <i>Journal of Applied Physiology</i> , 2012, 112, 419-426.	1.2	72

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19	Effects of Hydration on Nanoscale Structural Morphology and Mechanics of Individual Type I Collagen Fibrils. Materials Research Society Symposia Proceedings, 2012, 1465, 7.	0.1	4
20	Effects of tissue hydration on nanoscale structural morphology and mechanics of individual Type I collagen fibrils in the Brl mouse model of Osteogenesis Imperfecta. Journal of Structural Biology, 2012, 180, 428-438.	1.3	45
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42	Tattoo ink nanoparticles in skin tissue and fibroblasts. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1183-1191.	1.5	41
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