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Multiscale Modeling & Simulation. A Derivation of Continuum Nonlinear Plate Theory from Atomistic Models. Biomechanics and Modeling in Mechanobiology 11,

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tendon, mechanobiology, multiscale modeling, interest in multiscale biomechanics and mechanobiology of multiscale models are validated they

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Session Organiser: Junuthula N. Reddy, Franco Maceri Session Scope: In the field of human organ and tissue diseases, reliable, predictive, patient-specific

On the multiscale modeling of heart valve -

1. Biomech Model Mechanobiol. 2010 Aug;9(4):373-87. doi: 10.1007/s10237-009-0181-2. Epub 2010 Jan 12. On the multiscale modeling of heart valve biomechanics in health

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explore another important methodological issue: the required degree of personalisation of multiscale models. 2015 Multiscale cartilage biomechanics:

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Robotics, Biomechanics, and Dynamic Systems -

Multiscale Modeling and Simulation Ashley Chase Guy: There are many systems that involve dynamic behavior occurring at different time scales, or involve fast and slow

Modeling and simulation in tissue biomechanics: -

A., Ed., Multiscale Computer Modeling in Biomechanics and Biomedical Engineering. Springer, Studies in Mechanobiology, Tissue Engineering and Biomaterials,

Biomechanics Working Group | Interagency Modeling -

Multiscale Modeling and Experiments of Cancer Mechanobiology. Modeling the Contribution of Elastin and Collagen to the Mechanobiology biomechanics models.

Multiscale modeling - Wikipedia, the free -

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Author by : Marco Viceconti Language : en Release : 2011-12-15 Publisher by : Cambridge University Press Format Available : PDF, ePub, Mobi Total Read : 46

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Viceconti M. 2011 Multiscale modeling of the skeletal system. Cambridge, UK: Cambridge University Press. 4. 2015 Multiscale cartilage biomechanics: technical

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