

Table of Contents

A Micromechanical Model for Fibrous Biological Membranes at Finite Strain M. Borri-Brunetto, B. Chiaia and M. Deambrosi	1
Preparation of Alginate/Poly(L-Arginine)-Chitosan Ternary Complex Microcapsules A.Z. Chen, S.B. Wang, L.J. Weng and M.Y. Chen	25
Biomimetic Functionally Graded Materials: Synthesis by Impeller-Dry-Blending D.T. Chavara, C.X. Wang and A.J. Ruys	37
Finite Element Analysis of the Membrane Used in a Novel BioMEMS S.B. Sang and H. Witte	51
Nano-Sized and Nanocrystalline Calcium Orthophosphates in Biomedical Engineering S.V. Dorozhkin	59
Tomography Observations of Osteoblast Seeding on 3-D Collagen Scaffold by Synchrotron Radiation Hard X-Ray H. Liou, H. Lin, W. Chen, W. Liou and Y. Hwu	93