

Table of Contents

Porous PLGA Microspheres Effectively Loaded with BSA Protein by Electrospraying Combined with Phase Separation in Liquid Nitrogen G. Liu, X. Miao, W. Fan, R. Crawford and Y. Xiao	1
A Brief Review of the Modelling of the Time Dependent Mechanical Properties of Tissue Engineering Scaffolds N.K. Bawolin, W.J. Zhang and X.B. Chen	19
The Influence of Copolymer Compositions on the Physiochemical and Biological Properties of Poly (Lactic-co-Glycolic Acid) Porous Scaffolds L. Zhao, C. He and L. Cui	35
Designing Fail-Safe Biomaterials against Wear for Artificial Total Hip Replacement Z. Huda	45
The Application of Rapid Prototyping and Manufacturing for Anatomical Modelling in Medicine S. Singare, W. Ping and X. Guanghai	57
Degradable Hydrogels for Tissue Engineering – Part I: Synthesis by RAFT Polymerization and Characterization of PHEMA Containing Enzymatically Degradable Crosslinks I. Keen, L. Lambert, T.V. Chirila, S.M. Paterson and A.K. Whittaker	67
Porous Alumina/Zirconia Composite Scaffold with Bioactive Glass 58S33C Coating J. Liu, Z. Dong and X. Miao	87