## Journal of Biomimetics, Biomaterials and Biomedical Engineering Vol.45

## **Table of Contents**

F.M. Kadhim and M.S. Al-Din Tahir	1
Design and Manufacturing of Portable Pressure Sensor for Measuring the Interface Pressure between the Body and (Orthosis or Socket Prosthesis) F.M. Kadhim, S.F. Awad and M.S. Al-Din Tahir	12
Design of a Biomimetic SACH Foot: An Experimentally Verified Finite Element Approach T.M. Balaramakrishnan, S. Natarajan and S. Sujatha	22
<b>Biomechanical Analysis of Long Distance Running on Different Sports Surfaces</b> S.Q. Shen, Y.Q. He, Y. Zhang, G. Fekete and Z.X. Zhou	31
The Effect of Glycerol Concentration on Biocomposite Bacterial Cellulose-Chitosan Characterization as Dura Mater Artificial F.R. Bella, P. Widiyanti and Aminatun	40
The Characterization of Bovine Bone-Derived Hydroxyapatite Isolated Using Novel Non-Hazardous Method A.S. Budiatin, Samirah, M.A. Gani, W.P. Nilamsari, C. Ardianto and J. Khotib	49
Chest X-Ray Investigation: A Convolutional Neural Network Approach T.K. Das. C.L. Chowdhary and X.Z. Gao	57