

Table of Contents

Analysis of Foot Morphology in Habitually Barefoot Group Z.Q. Liang, Y. Meng, S. Popik and F.F. Chen	1
Spinal Curvature and Lower Extremities Kinematics of Simulated Pregnancy during Stair Ascending and Descending I.S. Masad, S. Almashaqbeh, O. Smadi, M. Abu Olaim and A. Obeid	11
A Comparison of Friction Measurements of Intact Articular Cartilage in Contact with Cartilage, Glass, and Metal L.R. Hayden, S. Escaro, D.R. Wilhite, R.R. Hanson and R.L. Jackson	23
Investigation of Mechanical Behaviour of the Bone Cement (PMMA) under Combined Shear and Compression Loading H. Khellafi, M.M. Bouziane, A. Djebli, A. Mankour, M. Bendouba, B.A. Bachir Bouiadjra and E.B. Ould Chikh	37
Herbally Painted Biofunctional Scaffolds with Improved Osteoinductivity for Bone Tissue Engineering S. Kashte, G. Arbade, R.K. Sharma and S. Kadam	49
CNT Incorporated Polyacrylonitrile/Polypyrrole Nanofibers as Keratinocytes Scaffold A. Ince Yardimci, H. Aypek, O. Ozturk, S. Yilmaz, E. Ozcivici, G. Mese and Y. Selamet	69
The Results of Endolymphatic Antibacterial Therapy in the Postoperative Period of Chronic Odontogenic Osteomyelitis of the Mandible M.P. Komskyi and Y.G. Romanenko	83
Artefacts Removal to Detect Visual Evoked Potentials in Brain Computer Interface Systems H. Abbaspour, N. Mehrshad, S.M. Razavi and L. Mesin	91
Power Line Interference Elimination in ECG Signals M. Ladrova, R. Martinek and R. Jaros	105
Designing and Testing of the Software Module Evaluation of Visual Acuity for Information System Eye Center M. Sidikova, R. Martinek, R. Jaros, J. Konecny and M. Augustynek	117