

TABLE OF CONTENTS

Volume 4, Number 9, September 2011

Generalized electro-biothermo-fluidic and dynamical modeling of tumor growth: state-feedback controlled cesium therapy approach

M. Al-Shibli.....569

Fabrication and characterization of the Ti-Ca-P composites by vacuum sintering

D. Mondal, S. K. Sarkar, D.-W. Lee, Y.-S. Lee, B.-T. Lee.....583

Mode of interaction of calcium oxalate crystal with human phosphate cytidylyltransferase 1: a novel inhibitor purified from human renal stone matrix

P. Pathak, P. K. Naik, D. Sengupta, S. K. Singh, C. Tandon.....591

Conventional versus minimally-invasive cervical discectomy for treatment of severe degenerative disease at C5-C6: a biomechanical comparison using a model of the full cervical spine and finite element analysis

Y. Li, G. Lewis.....599

IL13-induced lung fibrosis in meconium aspiration

A. Zagariya, S. Navale, O. Zagariya, K. McClain, D. Vidyasagar.....609

Computer program of nonlinear, curved regression for “probacent”-probability equation in biomedicine

S. J. Chung.....620

Mathematical model for steady state current at PPO-modified micro-cylinder biosensors

K. Venugopal, A. Eswari, L. Rajendran.....631