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1.

Target Genes Expression Biomarkers in Egyptian Bladder Cancer Patients

Doha El-Sayed Ellakwa, Hoda A Salem, Omnia Abd-El-Fattah

Keywords: Bladder Cancer, Biomarkers, Gene Expression, RT-PCR, Cytokeratin, Telomerase, Egyptian Population

2.

An Estimate of Immunological Indicators in Patients with Behavioral Disorders Caused by Perinatal Cerebrovascular Lesions

Gonchar T.O., Gonchar O.A., Uralova L.T.

Keywords: immunological indicators, regulatory peptides, perinatal cerebrovascular lesions, behavioral disorders, immunogenesis

3.

Pyrolysis and Kinetics Behaviour of De-Oiled Castor (*Ricinus communis*) Seed Cake Using Thermogravimetry

M.A. Sokoto, T. Bhaskar

Keywords: Pyrolysis, Thermogravimetry, Kinetic Models, Activation Energy, Biomass Decomposition

4.

CORE-MULTISHELL NANOSTRUCTURED MODELS FOR NANO-BIOMEDICAL AND NANO-BIOPHARMACEUTICAL APPLICATION

Ana J. Šetrajčić – Tomić, Jovan K. Popović, Matilda Vojnović, Ljubiša D. Džambas, Jovan P. Šetrajčić

Keywords: nanotechnology, nanomedicine, core-shell models, ultrathin films, drug delivery, nanoparticles, personalized medicine

5.

Detection and Analysis of Brain Disorders Using Artificial Neural Networks

Satyajit Anand, Shavika Rastogi, P.K. Ghosh, Kapil Gupta

Keywords: EEG, Brain Disorders, Signal Processing, Artificial Neural Networks, Denoising, Wavelet Transform, Fast Fourier Transform