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1.

A Thermochemical Study of Gamma Irradiated Serine Stereoisomers

Ana Neacsu, Daniela Gheorghe, Iulia Contineanu, Mihail Contineanu

Keywords: gamma irradiation, serine stereoisomers, differential scanning calorimetry, Fourier transform infrared spectroscopy, thermal decomposition

2.

Growth, Herb, and Essential Oil of Marrubium vulgare as Affected by Phenological Stages and Planting Date

Said-Al Ahl H.A.H., Sabra A.S.

Keywords: Marrubium vulgare, Planting date, Phenological stages, Essential oil, GC-MS, Growth parameters, Chemical composition

3.

Load Modeling in Power Systems Using WAMS Measurement System

Arash Gavin, Morteza Shafiekhani, B. Vahidi, M. Abedi, Mehrdad Beykverdi

Keywords: Power Systems, Load Modeling, WAMS, Dynamic Simulation, Parameter Estimation, IEEE 14 Bus System

4.

Renoprotective Value of Dexmedetomidine-Ketamine Anesthetic Combination Compared to Propofol-Isoflurane in Renal Ischemia-Reperfusion Injury

Eman M. Nour, Khaled I. Khalil, Hazem H. Saleh, Haytham G. Aamer, Mohamed Abd EL-Hamid, Wael I. Mortada, Ahmed A. Shokeir, Mahmoud Othman

Keywords: Renal Ischemia-Reperfusion Injury, Dexmedetomidine, Ketamine, Propofol, Isoflurane, Acute Kidney Injury, Anesthetic Efficacy

5.

Impacto Sociocultural del Comité 'Todo por Pinar del Río' como Antecedente del Trabajo Comunitario en una Provincia de Cuba

Yanerkis Díaz Ozuna

Keywords: sociocultural impact, community work, Pinar del Río, Cuba, 20th century, civic organization, historical analysis

6.

The Influence of Basel Regulations on the Restructuring of Financial Entities in Colombia: Factors Affecting Their Transformation

Flavio Manjarrés

Keywords: Basel III, financial restructuring, regulatory framework, Colombian financial institutions, mergers and acquisitions

7.

Visualization of Big Data with Hadoop

Swamil Singh, Viplav Mandal, Sanjay Srivastava

Keywords: Big Data, Hadoop, Cloudera, Tableau, Data Visualization, Web Analytics, Business Intelligence