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Equivalence models in Aspen Plus: tools for working industrial processes involving non-conventional raw materials

Jose R. Ayala, Gisela Montero, Conrado Garcia, Marcos A. Coronado, Angel A. Leon, Ana M. Vazquez

Department of Chemical Engineering, University of Puerto Rico, Puerto Rico

Keywords: Equivalence models, Thermodynamic properties, Aspen Plus®, Essential Oils Extraction

2.

Optimization of thermal imaging for the evaluation of skin patch test

Maria Dencheva, Maya Lyapina, Angelina Kisselova, Svetoslav Garov, Stella Hristova, Margarita Konstantinova, Doncho Majlekov

Department of Dermatology, Medical University of Sofia, Bulgaria

Keywords: thermal imaging, dental allergology, skin patch testing

3.

Assessment and Analysis of Wastes in The Furniture Industry in Turkey

Mehmet Colak

Department of Environmental Engineering, Yeditepe University, Turkey

Keywords: Furniture Industry, Waste Assessment, Environment, Fire, Recycling

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An Efficient Combination of PD-Based Fuzzy Logic Controllers and SMES Devices for Load-Frequency Control in a Five-Area Interconnected Power System

Ngoc-Khoat Nguyen, Qi Huang, Thi-Mai-Phuong Dao

Department of Electrical Engineering, Hanoi University of Science and Technology, Vietnam

Keywords: LFC, SMES, PD-based FL controller, PI, frequency deviation, tie-line power bias

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5.

Using a Fuzzy Weighted Approach in Determining the Optimal Window Size of Nucleotides for Classification of Splice Sites

Efendi Nasibov, Sezin Tunaboylu

Department of Computer Science, Istanbul University, Turkey

Keywords: Splice Site Classification, Fuzzy Number, Optimal Window Size, Position Specific Scoring Matrix

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6.

Multiple penetrating thoracoabdominal injuries-a case report

Dong Tang , Jun Gao, Wei Wang, Tang Qiao, Yongjian Xu, Daorong Wang

Department of Surgery, Peking University First Hospital, Beijing, China

Keywords: thoracoabdominal injuries; trauma; treatment; emergency

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7.

EFFECT OF STRAIN HARDENING ON FATIGUE CRACK PROPAGATION IN 5052 Al ALLOY FOR CONSTANT AMPLITUDE LOADING

Nirpesh Vikram, Sakshi Agrawal, Raghuvir Kumar

Department of Mechanical Engineering, Indian Institute of Technology, Delhi, India

Keywords: Fracture Mechanics, Strain Hardening, Abaqus, Fatigue

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8.

The Damage Control Orthopedics and External Fixation in traffic accident after 20 Years in the Bosnian War: Our Experience and a Review of the Literature.

Predrag Grubor, Gabriele Falzarano, Antonio Medici, Milan Grubor, Raffaele Franzese, Giacomo Errico, Alessandro Martino, Vincenzo Lucio Roberto, Luigi Meccariello.

Department of Orthopedics, University of Naples Federico II, Naples, Italy

Keywords: War injuries, External Fixation, Damage Control Orthopedics, Bosnian War, Traffic accident.

9.

EVALUATION OF INTENTION TO QUIT SMOKING AND EFFICIENCY OF ANTI-SMOKING MEASURES IN THE INDIVIDUALS WITH A FAMILY HISTORY OF LUNG CANCER AND COPD

Tugba Onalan, Canan Gunduz, Haydar Soydaner Karakus, Aysegul Baysak, Ozer Ozdemir, Julide Celdir Emre, Nazmiye Ciray, Mustafa Hikmet Ozhan

Department of Public Health, Ankara University, Turkey

Keywords: Smoking, cessation, cancer, relatives of patients