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Volume 14, Issue 8 — August 2020

Research Articles

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Simulation and Prediction of the Orientation of Short Fibers in Polypropylene Matrix Using Imaging Techniques

Ibrahim Modhaffar, Khalid Gueraoui, Samira Men-la-yakhaf, Hassan El Tourroug, Mohamed Taibi, Majid Driouich, Said Sammouda, Mustapha Belcadi

Keywords: Polypropylene, Short-fiber Reinforced, Fiber Orientation, Image Processing, Thermoplastics

2.

Lussazioni Di Spalla In Patologia Sportiva Shoulder's Therapy In Sports Injuries

F. Bizzarri, E. Scassa, L. Tunno, G. Santoro, L. Bizzarri, L. Piccone

Keywords: shoulder instability, sports medicine, joint dislocation, humeral dislocation, acromion-clavicular dislocation

3.

A GIS-Based Identification of Groundwater Recharge Zones Using Remote Sensing in the Nabatiyeh District: An Important Factor in Land Use Planning

Kobeissi AbdulMenhem, Allaw Kamel, Chehayeb Makram, Hajjar Joanna

Keywords: Groundwater Recharge, Remote Sensing, GIS, Nabatiyeh, Land Use Planning, Environmental Risk, Semi-Arid Regions

4.

Family Structure and Functioning According to a Group of Mothers with Children Diagnosed with Cancer

Olga M^a Alegre De La Rosa, Antonio Guijarro Expósito

Keywords: family structure, family functioning, childhood cancer, family adaptation, family cohesion, family environment, oncology

5.

Synthesis, Investigation of New Dihydropyrimidine Derivatives and Their Biological Activity

A.M. Maharramov, M.A. Ramazanov, G.A. Guliyeva, A.E. Huseynzada, U.A. Hasanova, N.G. Shikhaliyev, G.M. Eyvazova, S.F. Hajiyeva, I.G. Mamedov, M.M. Aghayev

Keywords: Dihydropyrimidines, Diastereomers, Tautomers, NMR Spectroscopy, Aspergillus, Antifungal Activity, IR Spectroscopy