

NATIONAL & INTERNATIONAL SCIENTIFIC EVENTS

Euro PM2023 Congress and Exhibition

Venue: Lisbon Congress Centre
 Location: Lisbon, Portugal

Begins: October 01, 2023
 Ends: October 04, 2023

15th ISRM Congress 2023

Venue: Salzburg Congress
 Location: Salzburg, Austria

Begins: October 09, 2023
 Ends: October 14, 2023

7th World Engineers Convention

Venue: Prague Congress Centre
 Location: Prague, Czech Republic

Begins: October 11, 2023
 Ends: October 13, 2023

16th Asian Congress on Biotechnology

Venue: Tan Son Nhat Hotel
 Location: Ho Chi Minh City, Tayland

Begins: October 15, 2023
 Ends: October 19, 2023

International Conference on Ubiquitous Information Management and Communication

Venue: Offline and Online
 Location: Kuala Lumpur, Malaysia

Begins: January 03 2024
 Ends: January 05, 2024

IEEE Consumer Communications & Networking Conference

Venue: Flamingo Hotel
 Location: Las Vegas, USA

Begins: January 06 2024
 Ends: January 09, 2024

The 37th International Conference on Micro Electro Mechanical Systems

Venue: AT&T Hotel and Conference Center
 Location: Texas, USA

Begins: January 21 2024
 Ends: January 25, 2024

The 14th International Conference on Key Engineering Materials

Venue: N/A
 Location: Dubai, United Arab Emirates

Begins: March 06 2024
 Ends: March 09, 2024

10th International Conference on Computer Technology Applications

Venue: Hotel Ibis Wien Mariahilf
 Location: Vienna, Austria

Begins: May 15 2024
 Ends: May 17, 2024

12nd World Biomaterials Congress

Venue: EXCO
 Location: Daegu, Korea

Begins: May 26 2024
 Ends: May 31, 2024

22nd Triennial Congress of The International Ergonomics Association

Venue: Jeju International Convention Center
 Location: Jeju Island, Korea

Begins: August 25 2024
 Ends: August 29, 2024

18th European Conference on Soil Mechanics and Geotechnical Engineering

Venue: Altice Arena
 Location: Lisbon, Portugal

Begins: August 26 2024
 Ends: August 30, 2024

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JOURNAL OF SCIENCE & ENGINEERING

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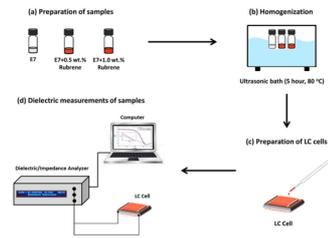
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The Role of Rubrene Concentration on Dielectric Parameters of Nematic Liquid Crystals

193-199

Gulsum Kocakulah

In this study, the dielectric parameters of E7 coded nematic liquid crystal (NLC) composites containing the different amounts of rubrene fluorescent dye were investigated. E7, E7+0.5 wt.% Rubrene, and E7+1.0 wt.% Rubrene samples were prepared.

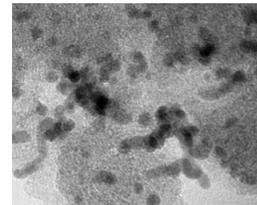


Electrochemical Dopamine Detection Using Palladium/Carbon Nano Onion Hybrids

201-209

Hasan Huseyin Ipekci

In the given study, palladium-decorated carbon nano-onion nanostructures (Pd/CNO) were used as an electrochemical catalyst for detecting dopamine (DA).

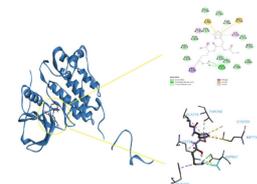


Interaction of GHK Tripeptide with Receptors Targeted in Some Cancer Studies: A Theoretical Approach with Molecular Docking

211-217

Bilge Bicak and Serda Kecel Gunduz

In this study, ER, PR, EGFR and HER2 receptors, which are among the most frequently used target receptors, were selected.

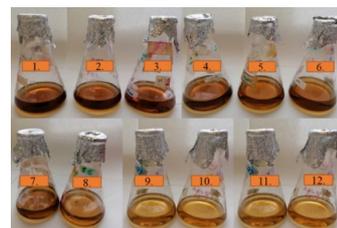


Use of Heat-Killed Aspergillus Ochraceus NRRL 3174 Discs as Biosorbent for Petroleum Removal

219-228

Nermin Hande Avcioglu, Sezen Bilen Ozyurek and Isil Seyis Bilkay

The purpose of this work was to evaluate the petroleum sorption capacity of heat-killed fungal discs obtained from Aspergillus ochraceus strain.

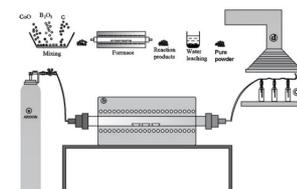


Cobalt boride (Co2B) Particle Synthesis by One-step Carbothermic Reduction

229-235

Levent Kartal

In this study, crystalline Co₂B powder production was carried out by a one-step carbothermal reduction method starting from cheap, easily accessible oxide-based materials.

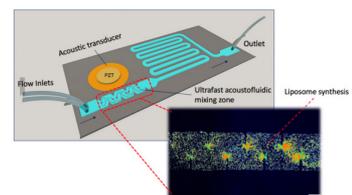


Nanoscale Liposome Synthesis for Drug Delivery Applications via Ultrafast Acoustofluidic Micromixing

237-241

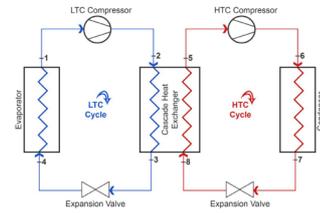
Ali Pourabdollah Vardin and Gurkan Yesiloz

In this work, we report an ultrafast acoustofluidic micromixer to synthesize liposome nanoparticles, which have been widely investigated in the literature as drug carriers due to their biocompatibility and biodegradability.



Energy, Exergy, and Environment Performance Evaluation of Cascade Refrigeration System with Natural Refrigerants
 243-248
 Meltem Kosan

In this study, two cascade systems consisting of R744/R290 (System 1) and R1270/R290 (System 2) natural refrigerant pairs were designed and thermodynamically examined.



Investigation of Deep Learning Approaches for Identification of Important Wheat Pests in Central Anatolia
 249-257

Tolga Hayit and Sadik Eren Kose

This study employed various pre-trained deep learning approaches to identify key wheat pests in the Central Anatolia Region, namely *Aelia* spp., *Anisoplia* spp., *Eurygaster* spp., *Pachytychius hordei*, and *Zabrus* spp.



On The Blind Denoising Efficiency of Image Denoising Algorithms Through Robustness, Image Quality and Computational Burden
 259-267

Kenan Gencol

In this study, we assess the performance of the image denoising algorithms armored for these goals. We are aimed to determine the optimal performance yielded by such algorithms and the noise bounds wherein each algorithm is superior.



Simultaneous Effect of Welding Current with Post-Weld T6 Heat Treatment on Corrosion Susceptibility of Al6013 Alloy Joined by GTAW
 269-277

Mehmet Topuz

Al6013 base metals were joined successfully with ER4047 weld metal by using the GTAW method under different welding currents.

