

8th International Conference on Materials Science and Nanotechnology for Next Generation
14-16 July 2021

POSTER SESSION – 14-16 JULY 2021
(Offline Presentation)

OFFLINE PRESENTATION

AC frequency dependent built-in potential of photovoltaic device and its modeling and simulation application for GaN based diode

A. Sertap Kavasoğlu – (<https://drive.google.com/file/d/1pAuU6UGheNU8V2eoSAoS4rGWWXdi6mNI/view?usp=sharing>)

Kinetic analysis of Single chain polymer ball type Cobalt Pc using Flynn-Wall-Ozawa (FWO) and Kissinger-Akahira-Sunose (KAS) iso-conversional models

Abdullah Musa Abubakar – (<https://drive.google.com/file/d/1M7rpNlvzI5YIEj-kkxPSm0DZnGcVbthN/view?usp=sharing>)

Optimization and modeling of 4-nitrophenol photocatalytic degradation over mesoporous Cu,S-TiO₂ photocatalyst through response surface methodology

Abubakar Hamisu – (<https://drive.google.com/file/d/1s9nUHuhLmk2GnVMnG7srH5KETuPTChkF/view?usp=sharing>)

Dessication cracking in clayey soils; study of evolutionary parameters

Afaf Zeroual – (<https://drive.google.com/file/d/189sf1TDRXuP4L-0WVAmc8Exe65BzRUpo/view?usp=sharing>)

The valorization of solar energy for the accelerated hardening of concrete in Algeria

B. Ben Ammar – (<https://drive.google.com/file/d/1ZRgo6dN29UnW-xVNVAKRu803WnaXuTPk/view?usp=sharing>)

Effect of curing type on evolution accelerated carbonation and compressive strength of prefabricated concrete

B. Ben Ammar – (https://drive.google.com/file/d/1Ij39t3wLiESnN9_5wx_mI2pAWN40TuP0/view?usp=sharing)

Salicylic acid complexed with Dy- doped TiO₂ nanoparticles for photocatalytic degradation of 2,4-Dichlorophenol

Chaima Ouled Amor – (<https://drive.google.com/file/d/1zkCIHe9rG46TntmOpUmE0p32jcwTpPV/view?usp=sharing>)

Relationship between porosity and dynamic modulus of elasticity of CEB based on date palm waste fibers

Elhoussine Atiki – (https://drive.google.com/file/d/1icBA52lj5IsK-Wx15iavTV_I3FVpNk2A/view?usp=sharing)

Electrochemical Detection of Melamine using a nanomaterial-Modified Glassy Carbon Electrode

Fairouz Aberkane – (<https://drive.google.com/file/d/1BXkvDkkLNv-FXzmTwbOy8yhPq5eTQsgv/view?usp=sharing>)

Titanium dioxide thin film prepared by Sol-Gel process

Fatma Zeribi – (<https://drive.google.com/file/d/1YMMVC1Ia5Az68Ib212ToM7jxlaFFgatT/view?usp=sharing>)

Vibrational, Hirshfeld surface analyses and molecular structure of [C₃H₅N₂S]SbCl₄

Imen Tlili – (https://drive.google.com/file/d/1vWxDLkd-u_kkINr4Avs3oLLI2OrsYfer/view?usp=sharing)

Effects of sand type on the mechanical properties of earth mortars

Kemal Saleh ALMEASAR – (<https://drive.google.com/file/d/11q6OX18n2UjmV6eG00VYcz9pS22LKH18/view?usp=sharing>)

Iron oxide thin films prepared by spray pyrolysis technique using different solvents

Khadidja Benreguia – (<https://drive.google.com/file/d/1z2bqoEx92037MgQaD-AyXhA2SX6ixClf/view?usp=sharing>)

Ultrasonic and Spectroscopic Study of Antimony Borate Glasses

Lina Beghdadi – (<https://drive.google.com/file/d/13ws1H3vrsD-yY2USdUI2xlcEaiKtKlm9/view?usp=sharing>)

Effect of absorber layer thickness on the performance of perovskite solar cells using Silvaco software

Madjda Bacha – (<https://drive.google.com/file/d/1qSj7fs0YLmD24JnNgUCpOdyeldsLgZL2/view?usp=sharing>)

Failure analysis of laminated plates using finite element method

Marua Layachi – (<https://drive.google.com/file/d/1IIVocqmGYaEXwutqWakl5igMS-pIPKuT/view?usp=sharing>)

OFFLINE PRESENTATION

[Ni₂L(Cl)₄(H₂O)₃] of complex compound Calculation of chemical and geometric values
Mehmet Bayrak - (<https://drive.google.com/file/d/1qGMOLWQvDrWWvvlQACe793E6vTzP12WX/view?usp=sharing>)

Ionizing Radiation Damage Effects on Admittance Measurements of Au/TiO₂/n-Si (MIS) Capacitor
Mehmet İzdeş - (<https://drive.google.com/file/d/1qC3ROS2B0juz8b9zpuVa11ehIV2ATml7/view?usp=sharing>)

Calculation of chemical and geometric values of 2- (2- (3-bromophenyl) hydrazine) -5,5-dimethylcyclohexane-1,3-dione bis (thiosemicarbazone) (L) ligand
Memet Şekerci - (<https://drive.google.com/file/d/1Few0kx570qgONJfTWlvXFxpLjUhgj-eX/view?usp=sharing>)

Review of nanostructured NiO thin films deposited by sol-gel dip coating technique
Meriem Gasmi - (<https://drive.google.com/file/d/1Rrb3fd-sAtKXMOIcuUPKpnZfX2iedqvF/view?usp=sharing>)

Experimental and Theoretical Study on Methyl 6-Quinolyl Ether
Merve Nurhan Güney - (https://drive.google.com/file/d/1sbWLWdhTzIAJKyRd_x5zeaZGrGtYtX1a/view?usp=sharing)

Influence of the incorporation of refractory brick waste as coarse aggregates on physical and mechanical properties of concrete
Mohammed Khattab - (<https://drive.google.com/file/d/1NtCK5LaTNGEbWcW3PHAmkE2pf2syXPmo/view?usp=sharing>)

Study the mechanical and physical properties of sand concrete using crushed limestone sand
Oday Jaradat - (<https://drive.google.com/file/d/1eiVUAAPy1nEAL9-bfHEs4-5S2IDDywoJ/view?usp=sharing>)

Optical and structural proprieties of titania nano-crystalline films grown by ultrasonic spray pyrolysis technique:effect of precursor concentration
Okba Ben khetta - (https://drive.google.com/file/d/1x_EzxMs-KinTxHzUv1SgJGpwF3ohjUC7/view?usp=sharing)

Photoassisted Electrodeposition of the GaxOyNz on p-type Si
Özcan Birgi - (<https://drive.google.com/file/d/1YJMNKhSpAHrtSUYnS-WyrnzWKynFLx-/view?usp=sharing>)

Mechanistic understanding of the adsorption and thermodynamic aspects of Murexide dye onto activated carbon from aqueous solution
Rmene Dhahri - (<https://drive.google.com/file/d/1NRyfQTMhSYm0JR-HecE6OrSBakOEoAwK/view?usp=sharing>)

Role of Cu incorporation on structural and optical properties of SnO₂ film for photovoltaic applications
Tülay Hurma - (<https://drive.google.com/file/d/1ycnu8B2hSZjxFms5P5qcDIU513oG8NM2/view?usp=sharing>)

Structural and optical properties of NiO and NiO/Mn oxide films prepared by sol-gel spin coating method
Sabiha Aksay - (https://drive.google.com/file/d/1qqDigR056KycZjftm_41EJMqEOK-b8D/view?usp=sharing)

Microstructural and optical proerties of sprayed ZnSnO₃ thin film
Sabrina Iaiche - (https://drive.google.com/file/d/18_fou5MiAtqlWp5uDAQck4MK9CcaY4P2/view?usp=sharing)

Synthesis and characterization of complex oxides composite ZnO/ZnAl₂O₄ thin films
Sabrina Iaiche - (<https://drive.google.com/file/d/165czxm9RcdZX7ouTMhbE9vXjiUGVT3e/view?usp=sharing>)

Elastics and Thermal characterization of Sb₂O₃- M₂O (M=Li,Na) Glasses
Souhila Haddad - (<https://drive.google.com/file/d/19Ep3BiDXY-kHGYzISK0Z6p40-GO8LlP/view?usp=sharing>)

Simulation of schottky solar cell device based on Indium Gallium Nitride (InGaN).
Amina Benslim - (https://drive.google.com/file/d/1JWwy-4NN603G0uUz0IzUEi00_Za9YzVj/view?usp=sharing)

Study of a tandem solar cell based on Indium Gallium Nitride/Silicon (InGaN/Si) heterojunction.
Lakhdar Sek - (<https://drive.google.com/file/d/1OWU5mb-5C3jFaRean7-XPlj3HRtxy84A/view?usp=sharing>)