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Publons / Web Of Science ResearcherID: HOF-0504-2023

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Yarı-kesikli bir stiren polimerizasyon reaktörünün bulanık kontrol yöntemi ile sıcaklık kontrolü, Gazi University, Fen Bilimleri Enstitüsü, 2009

Research Areas

Physics, Chemistry

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Analysis of admittance measurements of Al/Gr-PVA/p-Si (MPS) structure**
Ata D., Yeriskin S., Tataroglu A., Balbasi M.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.169, 2022 (SCI-Expanded)
- II. **On the changes in the dielectric, electric modulus, and ac electrical-conductivity in the Al/(C(29)H(32)O17)/p-Si (MPS) structures in wide range of frequency and voltage**
ERBİLEN TANRIKULU E., Yeriskin S.
PHYSICA B-CONDENSED MATTER, vol.623, 2021 (SCI-Expanded)
- III. **Electrical parameters of Au/(%1Ni-PVA)/n-Si (MPS) structure: Surface states and their lifetimes**
Cetinkaya H. G., Demirezen S., Yeriskin S.
PHYSICA B-CONDENSED MATTER, vol.621, 2021 (SCI-Expanded)
- IV. **Frequency and voltage-dependent dielectric spectroscopy characterization of Al/(Coumarin-PVA)/p-Si structures**
DEMİREZEN S., Yeriskin S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.20, pp.25339-25349, 2021 (SCI-Expanded)
- V. **Influence of graphene doping rate in PVA organic thin film on the performance of Al/p-Si structure**
Yeriskin S., ŞAFAK ASAR Y.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.18, pp.22860-22867, 2021 (SCI-Expanded)

- VI. **Complex dielectric, complex electric modulus, and electrical conductivity in Al/(Graphene-PVA)/p-Si (metal-polymer-semiconductor) structures**
 Karadas S., Yeriskin S., BALBAŞI M., Azizian-Kalandaragh Y.
 Journal of Physics and Chemistry of Solids, vol.148, 2021 (SCI-Expanded)
- VII. **Illumination Dependent Electrical Data Identification of the CdZnO Interlayered Metal-Semiconductor Structures**
 Tan S. O., Tascioglu I., Altindal Yeriskin S., Tecimer H., Yakuphanoglu F.
 SILICON, no.12, pp.2885-2891, 2020 (SCI-Expanded)
- VIII. **Dielectric, ac conductivity and electric modulus studies at MPS structure with (Cu₂O)-doped PVA interfacial layer**
 Buyukbas-Ulusan A., Yeriskin S., Tataroglu A., Balbasi M., Azizian-Kalandaragh Y.
 OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, no.5-6, pp.256-260, 2020 (SCI-Expanded)
- IX. **A detailed comparative study on electrical and photovoltaic characteristics of Al/p-Si photodiodes with coumarin-doped PVA interfacial layer: the effect of doping concentration**
 DEMİREZEN S., Altindal Yeriskin S.
 POLYMER BULLETIN, vol.77, no.1, pp.49-71, 2020 (SCI-Expanded)
- X. **The effects of (graphene doped-PVA) interlayer on the determinative electrical parameters of the Au/n-Si (MS) structures at room temperature**
 Yeriskin S., BALBAŞI M., Orak I.
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, no.18, pp.14040-14048, 2017 (SCI-Expanded)
- XI. **Temperature and voltage dependence of barrier height and ideality factor in Au/0.07 graphene-doped PVA/n-Si structures**
 Yeriskin S., Balbasi M., Demirezen S.
 INDIAN JOURNAL OF PHYSICS, no.4, pp.421-430, 2017 (SCI-Expanded)
- XII. **Frequency and voltage dependence of dielectric properties, complex electric modulus, and electrical conductivity in Au/7% graphene doped-PVA/n-Si (MPS) structures**
 Yeriskin S., BALBAŞI M., TATAROĞLU A.
 JOURNAL OF APPLIED POLYMER SCIENCE, no.33, 2016 (SCI-Expanded)
- XIII. **The investigation of dielectric properties and ac conductivity of Au/GO-doped PrBaCoO nanoceramic/n-Si capacitors using impedance spectroscopy method**
 Kaya A., Alialy S., Demirezen S., Balbasi M., Yeriskin S., Aytimur A.
 CERAMICS INTERNATIONAL, no.2, pp.3322-3329, 2016 (SCI-Expanded)
- XIV. **Frequency and voltage dependent profile of dielectric properties, electric modulus and ac electrical conductivity in the PrBaCoO nanofiber capacitors**
 Demirezen S., Kaya A., Yeriskin S., Balbasi M., Uslu I.
 Results in Physics, pp.180-185, 2016 (SCI-Expanded)
- XV. **Electrical and Dielectric Characteristics of Al/Polyindole Schottky Barrier Diodes. II. Frequency Dependence**
 Yeriskin S., ÜNAL H. İ., SARI B.
 JOURNAL OF APPLIED POLYMER SCIENCE, no.1, pp.390-396, 2011 (SCI-Expanded)

Metrics

Publication: 28

Citation (WoS): 654

Citation (Scopus): 685

H-Index (WoS): 15

H-Index (Scopus): 16

Non Academic Experience

ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI
GÜLHANE ASKERİ TIP AKADEMİSİ KOMUTANLIĞI