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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

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Origin of frequency and voltage dependent negative dielectric properties in the Al/p-Si Schottky diodes with (Cd0.3Zn0.7O) interfacial layer in the wide range of frequency and voltage**
Delen N., Altındal Yerişkin S., ÖZBAY A., Taşçıoğlu İ.
Physica B: Condensed Matter, vol.665, 2023 (SCI-Expanded)

II. **Examination on the current conduction mechanisms of Au/n-Si diodes with ZnO–PVP and ZnO/Ag2WO4 –PVP interfacial layers**
Taşçıoğlu I., Pirgholi-Givi G., Yerişkin S., AZIZIAN-KALANDARAGH Y.
Journal of Sol-Gel Science and Technology, vol.107, no.3, pp.536-547, 2023 (SCI-Expanded)

III. **Analysis of the Current Transport Characteristics (CTCs) in the Au/n-Si Schottky Diodes (SDs) with Al2O3Interfacial Layer over Wide Temperature Range**
Buyukbas-Ulusan A., TATAROĞLU A., Altlndal-Yerişkin S.
ECS Journal of Solid State Science and Technology, vol.12, no.8, 2023 (SCI-Expanded)

IV. **Analysis of the Current Transport Characteristics (CTCs) in the Au/n-Si Schottky Diodes (SDs) with Al2O3 Interfacial Layer over Wide Temperature Range**
Buyukbas-Ulusan A., Tataroğlu A., Altındal Yerişkin S.
ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, vol.12, pp.83010, 2023 (SCI-Expanded)

V. **Dielectric properties of MS diodes with Ag:ZnO doped PVP interfacial layer depending on voltage and frequency**
Altındal Yerişkin S., ERBİLEN TANRIKULU E., ULUSOY M.
Materials Chemistry and Physics, vol.303, 2023 (SCI-Expanded)

VI. **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)

VII. **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)

VIII. **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)

IX. **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)

X. **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)

XI. **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)

XII. **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)

XIII. **Dielectric, ac conductivity and electric modulus studies at MPS structure with (Cu₂O-CuO)-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)

XIV. **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)

XV. **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)

XVI. **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)

XVII. **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)

XVIII. **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)

XIX. **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)

XX. **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)

Articles Published in Other Journals

I. **Voltage Dependent Profiles of the Surface States and Series Resistance (Rs) in the Al-(Cd:ZnO)-pSi Schottky Diodes (SDs) Utilizing Voltage-Current (IV) Characteristics**
Delen N., Tascioglu I., ALTINDAL YERİŞKİN S., ÖZBAY A.
Gazi University Journal of Science, vol.37, no.1, pp.457-463, 2024 (ESCI)

Metrics

Publication: 22
Citation (WoS): 612
Citation (Scopus): 636
H-Index (WoS): 14
H-Index (Scopus): 15

Non Academic Experience

ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI
GÜLHANE ASKERİ TIP AKADEMİSİ KOMUTANLIĞI