

Prof. ADEM KOÇYİĞİT

Personal Information

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International Researcher IDs

ScholarID: [hyAKxigAAAAJ](https://orcid.org/0000-0002-8502-2860)

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Publons / Web Of Science ResearcherID: V-3730-2017

ScopusID: 55848815700

Yoksis Researcher ID: 37074

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Katıhal Fiziği (Dr), Turkey 2011 - 2014

Undergraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Spray pyrolysis ve spin coating metotlarıyla elde edilen SnO₂:Sb:F ince filmlerin bazı fiziksel özelliklerinin araştırılması, Ataturk University, Fen Bilimleri Enstitüsü, Katıhal Fiziği (Dr), 2014

Research Areas

Renewable energy, Optical Properties, Physical Properties, Electrical and Magnetic Properties, Composites, Plating, Material Characterization, Nanomaterials, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties

Academic Titles / Tasks

Professor, Bilecik Seyh Edebali University, Meslek Yüksekokulu, Elektronik Ve Otomasyon, 2025 - Continues

Associate Professor, Bilecik Seyh Edebali University, Meslek Yüksekokulu, Elektronik Ve Otomasyon, 2021 - 2025

Associate Professor, Iğdir University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 2019 - 2021

Assistant Professor, Iğdir University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 2014 - 2020

Lecturer, Iğdir University, Iğdir Health Services Vocational School, Department Of Medical Services And Techniques,

2010 - 2014

Academic and Administrative Experience

Igdir University, 2020 - 2021

Igdir University, 2017 - 2020

Igdir University, 2014 - 2016

Igdir University, 2013 - 2014

Courses

Postgraduate

MİKROELEKTRONİK, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

İLERİ DÜZEYDE YARIİLETKEN ELEMANLAR, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Undergraduate

Elektrik Devreleri I, Undergraduate, 2019 - 2020

DİJİTAL OKURYAZARLIK, Undergraduate, 2019 - 2020

Elektrik Devreleri I Lab., Undergraduate, 2019 - 2020

BİLGİ TEKNOLOJİLERİ KULLANIMI, Undergraduate, 2019 - 2020, 2018 - 2019

Bilgisayar Programlama, Undergraduate, 2019 - 2020

Elektrik Devreleri II, Undergraduate, 2019 - 2020

Elektrik Devreleri II Lab., Undergraduate, 2019 - 2020

FİZİK I, Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

BİLGİSAYAR PROGRAMLAMA, Undergraduate, 2018 - 2019, 2015 - 2016

İşaretler ve Sistemler, Undergraduate, 2017 - 2018

Fizik II, Undergraduate, 2017 - 2018, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2010 - 2011

FİZİK, Undergraduate, 2017 - 2018, 2015 - 2016

Öğretim Teknikleri ve Materyal Geliştirme, Undergraduate, 2017 - 2018

Bilgisayara Giriş, Undergraduate, 2015 - 2016

Isı ve Kütle Aktarımı, Undergraduate, 2015 - 2016

Temel Bilişim Teknolojileri, Undergraduate, 2015 - 2016

Associate Degree

TEMEL BİLGİ TEKNOLOJİSİ KULLANIMI, Associate Degree, 2014 - 2015, 2013 - 2014

BİLGİSAYAR UYGULAMALARI I, Associate Degree, 2014 - 2015, 2011 - 2012

FİZİK II, Associate Degree, 2014 - 2015

TEMEL BİLGİSAYAR KULLANIMI, Associate Degree, 2014 - 2015, 2012 - 2013

BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2014 - 2015, 2013 - 2014, 2011 - 2012

Bilgisayar 1, Associate Degree, 2014 - 2015

Bilgisayar Uygulamaları II, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012

Bilgisayar ve Klavye Öğretimi I, Associate Degree, 2012 - 2013, 2011 - 2012

Hastane Bilgi İşlem Sistemleri, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011

Bilgisayar ve Klavye Öğretimi II, Associate Degree, 2012 - 2013, 2011 - 2012

Supervised Theses

Koçyiğit A., Farklı dalga boyları ve ortam koşulları için Görünür Işık Haberleşmesinin mesafeye bağlı olarak deneysel incelenmesi, Postgraduate, M.YAŞAR(Student), 2023

Koçyiğit A., MEMRİSTÖR TABANLI PI, PD VE PID KONTROLÖRLERİN SİMÜLASYONLARI VE KARŞILAŞTIRMASI, Postgraduate, M.AVCI(Student), 2023
ADEM K., İğdir ilindeki yenilenebilir enerji kaynaklarıyla elektrik enerjisi üretiminin MATLAB/SİMULİNK tabanlı modellenmesi, Postgraduate, O.DENİZ(Student), 2021
ADEM K., CuO ve NiO arayüzeyli fotodiyotların üretimi ve elektriksel karakterizasyonu, Postgraduate, G.ÇAĞLAR(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The light detection performance of ZnO-based Schottky-type photodetector as a function of changing solution molarity**
Erkol M., Coşkun M., Coşkun F. M., Koçyiğit A.
Journal of the American Ceramic Society, vol.108, no.4, 2025 (SCI-Expanded)
- II. **The effects of Ppy-silicene composite on the performance of n-/p-type silicon semiconductor-based photodiodes**
Karabulut A., Yıldız D., Yıldırım M., Güllü H., KOÇYİĞİT A., Taşaltın N., Gulsaran A., Azer B. B., Yavuz M.
Sensors and Actuators A: Physical, vol.379, 2024 (SCI-Expanded)
- III. **Investigation of AlN-based Schottky type photodetector in visible light detection**
KOÇYİĞİT A., Yıldız D., Erdal M., TATAROĞLU A., Yıldırım M.
Physica B: Condensed Matter, vol.690, 2024 (SCI-Expanded)
- IV. **Improving photocatalytic efficiency: Harnessing the importance of Ag@HfO₂ core-shell nanostructures**
Koçyiğit A., Erdoğan E., Canpolat N., Aydoğan Ş., Yılmaz M.
Journal of Physics and Chemistry of Solids, vol.191, 2024 (SCI-Expanded)
- V. **Synergistic enhancement of simazine degradation using ZnO nanosheets and ZnO/GO nanocomposites: A sol-gel synthesis approach**
AYDOĞAN Ş., CANPOLAT N., KOÇYİĞİT A., YILMAZ M.
Ceramics International, vol.50, no.14, pp.25080-25094, 2024 (SCI-Expanded)
- VI. **Detection performance of flower-like hydrothermally synthesized ZnO in silicon-type photodetector**
EDEN Ç., KOÇYİĞİT A., AYDOĞAN Ş., ÇIRAK Ç., YILMAZ M.
Physica Scripta, vol.99, no.6, 2024 (SCI-Expanded)
- VII. **Role of interfacial layer as PANI-silicene in Si-based photodiodes**
KOÇYİĞİT A., Yıldız D. E., Taşaltın N., Yıldırım M.
Journal of Materials Science, vol.59, no.21, pp.9437-9454, 2024 (SCI-Expanded)
- VIII. **Investigation of the Influence of Au (Gold) Doping Concentration on the Structural, Morphological, Optical, and Electrical Parameters of an Al/Au:CuO/n-Si Heterojunction Device**
Cavusoglu H., Hussaini A. A., Sakalak H., KOÇYİĞİT A., Durmaz F., Yıldırım M.
Journal of Electronic Materials, vol.53, no.5, pp.2382-2397, 2024 (SCI-Expanded)
- IX. **Green synthesis capacitor of carbon quantum dots from Stachys euadenia**
Baslak C., Demirel S., Dogu S., Ozturk G., KOÇYİĞİT A., Yıldırım M.
Environmental Progress and Sustainable Energy, vol.43, no.3, 2024 (SCI-Expanded)
- X. **High capacitive pt and NiOx loaded supercapacitors with commercial and green synthesized carbon-based materials**
Demirel S., Nas M. S., KOÇYİĞİT A., Calimli M. H., Alma M. H.
Journal of Materials Science: Materials in Electronics, vol.35, no.2, 2024 (SCI-Expanded)
- XI. **Investigation of Ag/ZnO/p-Si heterostructure for diode and photodiode applications in visible spectrum**
Yıldız D. E., KOÇYİĞİT A., Yıldırım M.
Physica Scripta, vol.99, no.1, 2024 (SCI-Expanded)
- XII. **Photodiode behavior and capacitive performance of ZnO nanoflakes synthesized by electrochemical**

deposition

YILMAZ M., YILDIRIM F., AYDOĞAN Ş., KOÇYİĞİT A.

Journal of Physics D: Applied Physics, vol.56, no.49, 2023 (SCI-Expanded)

- XIII. **Electrolyte performance of green synthesized carbon quantum dots from fermented tea for high-speed capacitors**
Baslak C., Demirel S., KOÇYİĞİT A., Erdal M. O., Yıldırım M.
Diamond and Related Materials, vol.139, 2023 (SCI-Expanded)
- XIV. **Comparison of Al/TiO₂/p-Si and Al/ZnO/p-Si photodetectors**
Yıldız D. E., KOÇYİĞİT A., Yıldırım M.
Optical Materials, vol.145, 2023 (SCI-Expanded)
- XV. **Design and synthesis of 4,5-diazafluorene ligands and their ruthenium (II) complexes for photoresponse performance on organic photodiodes**
Yenel E., Yıldırım M., Cebeci C., ERDEN İ., KOÇYİĞİT A., Kus M.
Journal of Materials Science: Materials in Electronics, vol.34, no.21, 2023 (SCI-Expanded)
- XVI. **Green synthesis of carbon quantum dots from Sideritis vuralii and its application in supercapacitors**
Başlak C., Öztürk G., Demirel S., KOÇYİĞİT A., Doğu S., Yıldırım M.
Inorganic Chemistry Communications, vol.153, 2023 (SCI-Expanded)
- XVII. **The Electrical Characteristics of the Co/Giemsan-Si Heterostructure Depending on Measurement Temperatures and Frequencies**
KOÇYİĞİT A., AYDOĞAN Ş., İNCEKARA Ü., YILMAZ M.
IEEE Sensors Journal, vol.23, no.8, pp.8184-8191, 2023 (SCI-Expanded)
- XVIII. **Astragalus brachycalyx fischer roots-derived porous carbon integrated with a novel NiSnO₂/PC nanocomposite for high-performance supercapacitors**
Demirel S., Nas M. S., KOÇYİĞİT A., Calimli M. H., Alma M. H.
Journal of Materials Science: Materials in Electronics, vol.34, no.5, 2023 (SCI-Expanded)
- XIX. **Cu and Mn centered nicotinamide/nicotinic acid complexes for interlayer of Schottky photodiode**
KOÇYİĞİT A., Yıldız D. E., Hussaini A. A., Kose D. A., Yıldırım M.
Current Applied Physics, vol.45, pp.53-63, 2023 (SCI-Expanded)
- XX. **Synthesize and characterization of Co-complex as interlayer for Schottky type photodiode**
KOÇYİĞİT A., Yıldırım M., Kose D., Yıldız D.
Polymer Bulletin, vol.79, no.12, pp.11389-11408, 2022 (SCI-Expanded)
- XXI. **Refractory-Metal-Based Chalcogenides for Energy**
Özel F., Arkan E., Coskun H., Devci İ., Yıldırım M., Yıldırım M., Orak İ., Erdal M. O., Sarılmaz A., Ersöz T. T., et al.
Advanced Functional Materials, vol.32, no.47, 2022 (SCI-Expanded)
- XXII. **Schottky type photodiodes with organic Co-complex and Cd-complex interlayers**
KOÇYİĞİT A., Hussaini A. A., Yıldırım M., Kose D. A., Yıldız D. E.
Applied Organometallic Chemistry, vol.36, no.11, 2022 (SCI-Expanded)
- XXIII. **Supercapacitor behaviors of carbon quantum dots by green synthesis method from tea fermented with kombucha**
Baslak C., Demirel S., KOÇYİĞİT A., Alatli H., Yıldırım M.
Materials Science in Semiconductor Processing, vol.147, 2022 (SCI-Expanded)
- XXIV. **Investigation photoelectric characteristics of ZnO/p-Si heterojunction structure modification with PCBM**
Yıldırım M., KOÇYİĞİT A.
Applied Physics A: Materials Science and Processing, vol.128, no.8, 2022 (SCI-Expanded)
- XXV. **The light detection performance of the congo red dye in a Schottky type photodiode**
KOÇYİĞİT A., YILMAZ M., İncekara Ü., ŞAHİN Y., AYDOĞAN Ş.
Chemical Physics Letters, vol.800, 2022 (SCI-Expanded)
- XXVI. **Electrical Behaviors of the Co- and Ni-Based POMs Interlayered Schottky Photodetector Devices**
Yıldırım M., KOÇYİĞİT A., Torlak Y., Yenel E., Hussaini A. A., Kuş M.
Advanced Materials Interfaces, vol.9, no.18, 2022 (SCI-Expanded)

- XXVII. **Investigation the Performance of Cr-Doped ZnO Nanocrystalline Thin Film in Photodiode Applications**
Tursucu A., AYDOĞAN Ş., KOÇYİĞİT A., Ozmen A., YILMAZ M.
JOM, vol.74, no.3, pp.777-786, 2022 (SCI-Expanded)
- XXVIII. **The electrical and dielectric characterization of the Co/ZnO-Rods/p-Si heterostructure depending on the frequency**
AYDOĞAN Ş., KOÇYİĞİT A., BOZKURT ÇIRAK B., ERDOĞAN E., YILMAZ M.
Journal of Materials Science: Materials in Electronics, vol.33, no.9, pp.6059-6069, 2022 (SCI-Expanded)
- XXIX. **Dielectric characterization of Al/PCBM:ZnO/p-Si structures for wide-range frequency**
Yildiz D. E., KOÇYİĞİT A., Erdal M. O., Yildirim M.
Bulletin of Materials Science, vol.44, no.1, 2021 (SCI-Expanded)
- XXX. **Tunable plasmon-polarizmon resonance and hotspots in metal-silicon core-shell nanostructures**
Nayfeh A., Rezk A., Elhalawany N., Al Ruqeishi M., KOÇYİĞİT A., Bahceci E., Nayfeh M. H.
AIP Advances, vol.11, no.12, 2021 (SCI-Expanded)
- XXXI. **Comparison of n and p type Si-based Schottky photodiode with interlayered Congo red dye**
KOÇYİĞİT A., YILMAZ M., AYDOĞAN Ş., İncekara Ü., Kacus H.
Materials Science in Semiconductor Processing, vol.135, 2021 (SCI-Expanded)
- XXXII. **The photosensitive activity of organic/inorganic hybrid devices based on Aniline Blue dye: Au nanoparticles (AB@Au NPs)**
Kacus H., YILMAZ M., İNCEKARA Ü., KOÇYİĞİT A., AYDOĞAN Ş.
Sensors and Actuators, A: Physical, vol.330, 2021 (SCI-Expanded)
- XXXIII. **Molecular engineering for donor electron to enhance photodiode properties of Co/n-Si and Co/p-Si structures: The effect of hematoxylin interface**
KOÇYİĞİT A., YILMAZ M., İncekara Ü., AYDOĞAN Ş., Kacus H.
Optik, vol.242, 2021 (SCI-Expanded)
- XXXIV. **Photodiode behaviors of the AgSbS₂nanocrystals in a Schottky structure**
Ko yiğit A., Erdal M. O., Ozel F., Yildirim M.
Nanotechnology, vol.32, no.38, 2021 (SCI-Expanded)
- XXXV. **The modification of the characteristics of ZnO nanofibers by TCNQ doping content**
Erdal M. O., Koyuncu M., Doğan K., Öztürk T., KOÇYİĞİT A., Yildirim M.
Journal of Materials Science: Materials in Electronics, vol.32, no.13, pp.17220-17229, 2021 (SCI-Expanded)
- XXXVI. **W- and Mo-based polyoxometalates (POM) as interlayer in Al/n-Si photodiodes**
Yenel E., Torlak Y., KOÇYİĞİT A., ERDEN İ., Kuş M., Yildirim M.
Journal of Materials Science: Materials in Electronics, vol.32, no.9, pp.12094-12110, 2021 (SCI-Expanded)
- XXXVII. **A Au/CuNiCoS₄/p-Si photodiode: electrical and morphological characterization**
KOÇYİĞİT A., Sarılmaz A., Öztürk T., Ozel F., Yildirim M.
Beilstein Journal of Nanotechnology, vol.12, pp.984-994, 2021 (SCI-Expanded)
- XXXVIII. **Fabrication and electrochemical properties of flexible ZnO doped PVA-Borax based solid-gel electrolytes**
Demirel S., Akgun M. R., Topkaya R., KOÇYİĞİT A., Cicek K.
Inorganic Chemistry Communications, vol.122, 2020 (SCI-Expanded)
- XXXIX. **The dielectric performance of Au/CuCo₅S₈/p-Si heterojunction for various frequencies**
KOÇYİĞİT A., Yıldız D., Sarılmaz A., Ozel F., Yildirim M.
Journal of Materials Science: Materials in Electronics, vol.31, no.24, pp.22408-22416, 2020 (SCI-Expanded)
- XL. **Light-sensing behaviors of organic/n-Si bio-hybrid photodiodes based on malachite green (MG) organic dye**
YILMAZ M., KOÇYİĞİT A., AYDOĞAN Ş., İNCEKARA Ü., Tursucu A., Kacus H.
Journal of Materials Science: Materials in Electronics, vol.31, no.23, pp.21548-21556, 2020 (SCI-Expanded)
- XLI. **Optoelectronic properties of Co/pentacene/Si MIS heterojunction photodiode**
Kacus H., YILMAZ M., KOÇYİĞİT A., İNCEKARA Ü., AYDOĞAN Ş.
Physica B: Condensed Matter, vol.597, 2020 (SCI-Expanded)

- XLII. **Influence of illumination intensity on electrical characteristics of Eosin y dye-based hybrid photodiode: comparative study**
YILMAZ M., KOÇYİĞİT A., AYDOĞAN Ş., İNCEKARA Ü., ŞAHİN Y., KACUS H.
Applied Physics A: Materials Science and Processing, vol.126, no.10, 2020 (SCI-Expanded)
- XLIII. **A SYSTEMATIC STUDY on the DIELECTRIC RELAXATION, ELECTRIC MODULUS and ELECTRICAL CONDUCTIVITY of Al/Cu:TiO₂n -Si (MOS) STRUCTURES/CAPACITORS**
Yildirim M., KOÇYİĞİT A.
Surface Review and Letters, vol.27, no.10, 2020 (SCI-Expanded)
- XLIV. **An Innovator Support Material for Tyrosinase Immobilization: Antimony-Doped Tin Oxide Thin Films (ATO-TF)**
Türkhan A., Kaya E. D., KOÇYİĞİT A.
Applied Biochemistry and Biotechnology, vol.192, no.2, pp.432-442, 2020 (SCI-Expanded)
- XLV. **The performance of chitosan layer in Au/n-Si sandwich structures as a barrier modifier**
KOÇYİĞİT A., YILMAZ M., AYDOĞAN Ş., İncekara U., ŞAHİN Y.
Polymer Testing, vol.89, 2020 (SCI-Expanded)
- XLVI. **The comparison of Co/hematoxylin/n-Si and Co/hematoxylin/p-Si devices as rectifier for a wide range temperature**
YILMAZ M., KOÇYİĞİT A., BOZKURT ÇIRAK B., KACUS H., İNCEKARA Ü., AYDOĞAN Ş.
Materials Science in Semiconductor Processing, vol.113, 2020 (SCI-Expanded)
- XLVII. **Electrical properties of Al/PCBM:ZnO/p-Si heterojunction for photodiode application**
Gullu H., Yildiz D., KOÇYİĞİT A., Yıldırım M.
Journal of Alloys and Compounds, vol.827, 2020 (SCI-Expanded)
- XLVIII. **The C-V characteristics of TiO₂/p-Si/Ag, GNR doped TiO₂/p-Si/Ag and MWCNT doped TiO₂/p-Si/Ag heterojunction devices**
Erdal M. O., KOÇYİĞİT A., Yıldırım M.
Chinese Journal of Physics, vol.64, pp.163-173, 2020 (SCI-Expanded)
- XLIX. **Integrated vortex beam emitter device for optical manipulation**
Cicek K., KOÇYİĞİT A., Topkaya R., Cai X.
Applied Optics, vol.59, no.10, pp.3179-3182, 2020 (SCI-Expanded)
- L. **The rate of Cu doped TiO₂ interlayer effects on the electrical characteristics of Al/Cu:TiO₂/n-Si (MOS) capacitors depend on frequency and voltage**
Erdal M., KOÇYİĞİT A., Yıldırım M.
Microelectronics Reliability, vol.106, 2020 (SCI-Expanded)
- LI. **Ternary CuCo₂S₄ Thiospinel Nanocrystal-Coated Photodiode with Improved Photoresponsivity and Acceptance Angles for Optoelectronic Applications**
Yıldırım M., KOÇYİĞİT A., Sarılmaz A., Ozel S. S., Kus M., Ozel F.
Journal of Electronic Materials, vol.49, no.2, pp.949-958, 2020 (SCI-Expanded)
- LII. **Dark and illuminated electrical characteristics of Si-based photodiode interlayered with CuCo₅S₈ nanocrystals**
Yildiz D., Gullu H., Sarılmaz A., Ozel F., KOÇYİĞİT A., Yıldırım M.
Journal of Materials Science: Materials in Electronics, vol.31, no.2, pp.935-948, 2020 (SCI-Expanded)
- LIII. **The Aromatic Thermosetting Copolyester for Schottky Diode Applications in a Wide Temperature Range**
Orak İ., Caldiran Z., Bakir M., ÇİFÇİ O. S., KOÇYİĞİT A.
Journal of Electronic Materials, vol.49, no.1, pp.402-409, 2020 (SCI-Expanded)
- LIV. **Temperature dependent current-voltage characteristics of Al/TiO₂/n-Si and Al/Cu:TiO₂/n-Si devices**
Erdal M. O., KOÇYİĞİT A., Yıldırım M.
Materials Science in Semiconductor Processing, vol.103, 2019 (SCI-Expanded)
- LV. **The effect of indium doping concentration on the electrical and dielectric properties of Al/In:ZnO/p-Si heterojunctions**
Yıldırım M., Erdal M., KOÇYİĞİT A.

Physica B: Condensed Matter, vol.572, pp.153-160, 2019 (SCI-Expanded)

- LVI. **Wet non-thermal integration of nano binary silicon-gold system with strong plasmonic and luminescent characteristics**
Enders B., KOÇYİĞİT A., Bahceci E., Elhalawany N., Nayfeh A., Alshammari O., Alsahhi M., Nayfeh M.
AIP Advances, vol.9, no.9, 2019 (SCI-Expanded)
- LVII. **A comparison of the electrical characteristics of TiO₂/p-Si/Ag, GNR-TiO₂/p-Si/Ag and MWCNT-TiO₂/p-Si/Ag photodiodes**
Erdal M. O., Yıldırım M., KOÇYİĞİT A.
Journal of Materials Science: Materials in Electronics, vol.30, no.14, pp.13617-13626, 2019 (SCI-Expanded)
- LVIII. **The C-V characteristics of the Cu₂WSe₄/p-Si heterojunction depending on wide range temperature**
KOÇYİĞİT A., Küçükçelebi H., Sarılmaz A., Ozel F., Yıldırım M.
Journal of Materials Science: Materials in Electronics, vol.30, no.13, pp.11994-12000, 2019 (SCI-Expanded)
- LIX. **The effect of measurements and layer coating homogeneity of AB on the Al/AB/p-Si devices**
KOÇYİĞİT A., YILMAZ M., AYDOĞAN Ş., İNCEKARA Ü.
Journal of Alloys and Compounds, vol.790, pp.388-396, 2019 (SCI-Expanded)
- LX. **The Au/Cu₂WSe₄/p-Si photodiode: Electrical and morphological characterization**
KOÇYİĞİT A., Yıldırım M., Sarılmaz A., Ozel F.
Journal of Alloys and Compounds, vol.780, pp.186-192, 2019 (SCI-Expanded)
- LXI. **The effect of the triangular and spherical shaped CuSbS₂ structure on the electrical properties of Au/CuSbS₂/p-Si photodiode**
Yıldırım M., KOÇYİĞİT A., Sarılmaz A., Ozel F.
Journal of Materials Science: Materials in Electronics, vol.30, no.1, pp.332-339, 2019 (SCI-Expanded)
- LXII. **Effect of Indium Doping on Optical Parameter Properties of Sol-Gel-Derived ZnO Thin Films**
KOÇYİĞİT A., Erdal M. O., Yıldırım M.
Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences, 2019 (SCI-Expanded)
- LXIII. **Structural, optical and magnetic properties of Ni-Co co-doped ZnO thin films**
KOÇYİĞİT A., Topkaya R.
Materials Research Express, vol.6, no.9, 2019 (SCI-Expanded)
- LXIV. **Characterization of Al/In:ZnO/p-Si photodiodes for various In doped level to ZnO interfacial layers**
Yıldırım M., KOÇYİĞİT A.
Journal of Alloys and Compounds, vol.768, pp.1064-1075, 2018 (SCI-Expanded)
- LXV. **Frequency-Dependent Electrical Characterization of GO-SiO₂ Composites in a Schottky Device**
Orak I., KOÇYİĞİT A., Karteri İ., Uruş S.
Journal of Electronic Materials, vol.47, no.11, pp.6691-6700, 2018 (SCI-Expanded)
- LXVI. **The Analysis of the Electrical and Photovoltaic Properties of Cr/p-Si Structures Using Current-Voltage Measurements**
Orak İ., KOÇYİĞİT A., Karataş Ş.
Silicon, vol.10, no.5, pp.2109-2116, 2018 (SCI-Expanded)
- LXVII. **The structural and electrical characterization of Al/GO-SiO₂/p-Si photodiode**
KOÇYİĞİT A., Karteri İ., Orak I., Uruş S., Çaylar M.
Physica E: Low-Dimensional Systems and Nanostructures, vol.103, pp.452-458, 2018 (SCI-Expanded)
- LXVIII. **Perovskite/p-Si photodiode with ultra-thin metal cathode**
ÇİFÇİ O. S., KOÇYİĞİT A., Sun P.
Superlattices and Microstructures, vol.120, pp.492-500, 2018 (SCI-Expanded)
- LXIX. **Immobilization of Polyphenol Oxidase Enzyme on New Matrix Antimony Doped Tin Oxide (SnO₂: Sb) Thin Film**
Türkhan A., Faiz Ö., Kaya E. D., Koçyiğit A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.7, pp.4844-4856, 2018 (SCI-Expanded)
- LXX. **Imparting optical functionality to aromatic thermosetting copolyester by luminescent silicon nanoparticles cross-linked via in situ thermal polymerization reaction**
KOÇYİĞİT A., Bakır M., ÇİFÇİ O. S., Enders B., Jasiuk I., Nayfeh M. H.

- European Polymer Journal, vol.103, pp.351-361, 2018 (SCI-Expanded)
- LXXI. **Structural, optical and electrical characterization of Mn₃O₄ thin films via Au composite**
KOÇYİĞİT A.
Materials Research Express, vol.5, no.6, 2018 (SCI-Expanded)
- LXXII. **Wideband luminescence from bandgap-matched Mg-based Si core-shell geometry nanocomposite**
KOÇYİĞİT A., Elhalawany N., Bahceci E., Enders B., Puthalath K., Abuhassan L., Yamani Z., Nayfeh M.
AIP Advances, vol.8, no.5, 2018 (SCI-Expanded)
- LXXIII. **Temperature dependent dielectric properties of Au/ZnO/n-Si heterojunction**
KOÇYİĞİT A., Orak I., Turut A.
Materials Research Express, vol.5, no.3, 2018 (SCI-Expanded)
- LXXIV. **Morphological and electrical properties of ATSP/p-Si photodiode**
ÇİFÇİ O. S., Bakir M., Meyer J. L., KOÇYİĞİT A.
Materials Science in Semiconductor Processing, vol.74, pp.175-182, 2018 (SCI-Expanded)
- LXXV. **Effect of different sound atmospheres on SnO₂:Sb thin films prepared by dip coating technique**
KOÇYİĞİT A., Ozturk E., Ejderha K., Turgut G.
Modern Physics Letters B, vol.31, no.31, 2017 (SCI-Expanded)
- LXXVI. **Current-voltage characteristics of Au/ZnO/n-Si device in a wide range temperature**
KOÇYİĞİT A., Orak I., Çaldıran Z., Turut A.
Journal of Materials Science: Materials in Electronics, vol.28, no.22, pp.17177-17184, 2017 (SCI-Expanded)
- LXXVII. **The structural analysis of MWCNT-SiO₂ and electrical properties on device application**
KOÇYİĞİT A., Orak I., Karteri İ., Uruş S.
Current Applied Physics, vol.17, no.9, pp.1215-1222, 2017 (SCI-Expanded)
- LXXVIII. **Temperature-dependent C-V characteristics of Au/ZnO/n-Si device obtained by atomic layer deposition technique**
KOÇYİĞİT A., Orak I., AYDOĞAN Ş., Çaldıran Z., Turut A.
Journal of Materials Science: Materials in Electronics, vol.28, no.8, pp.5880-5886, 2017 (SCI-Expanded)
- LXXIX. **Performance of conversion efficiency of a bifacial silicon solar cell with particle irradiation**
Sahin G., Barro F. I., Sané M., Honadia P. A. A., KOÇYİĞİT A., Kerimli G.
Chinese Journal of Physics, vol.55, no.1, pp.203-210, 2017 (SCI-Expanded)
- LXXX. **Electrical and dielectric characterization of Au/ZnO/n-Si device depending frequency and voltage**
Orak I., KOÇYİĞİT A., Alındal S.
Chinese Physics B, vol.26, no.2, 2017 (SCI-Expanded)
- LXXXI. **The surface morphology properties and respond illumination impact of ZnO/n-Si photodiode by prepared atomic layer deposition technique**
Orak I., KOÇYİĞİT A., Turut A.
Journal of Alloys and Compounds, vol.691, pp.873-879, 2017 (SCI-Expanded)
- LXXXII. **Influences of Pr and Ta doping concentration on the characteristic features of FTO thin film deposited by spray pyrolysis**
Turgut G., KOÇYİĞİT A., SÖNMEZ E.
Chinese Physics B, vol.24, no.10, 2015 (SCI-Expanded)
- LXXXIII. **Comparison effect of spin speeds and substrate layers on properties of doubly doped tin oxide thin films prepared by SOL-GEL spin coating method**
Battal A., Tatar D., KOÇYİĞİT A., Duzgun B.
Journal of Ovonic Research, vol.10, no.2, pp.23-34, 2014 (SCI-Expanded)
- LXXXIV. **Investigation of some properties of SnO₂:Sb:F thin films by an economic spray pyrolysis technique**
KOÇYİĞİT A., Tatar D., Battal A., AYDIN S., Turgut G., Duzgun B.
Optoelectronics and Advanced Materials, Rapid Communications, vol.7, no.7-8, pp.530-535, 2013 (SCI-Expanded)

- I. **Synthesis and Investigation of Structural and Magnetic Properties of Nickel Doped BiFeO₃**
TOPKAYA R., ÇİÇEK K., KOÇYİĞİT A.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.4, pp.2737-2745, 2021 (Peer-Reviewed Journal)
- II. **The thickness effect of insulator layer between the semiconductor and metal contact on C-V characteristics of Al/Si₃N₄/p-Si device**
ORAK İ., KOÇYİĞİT A.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.23, no.5, pp.536-542, 2017 (Peer-Reviewed Journal)
- III. **The Electrical Characterization Effect of Insulator Layer between Semiconductor and Metal**
ORAK İ., KOÇYİĞİT A.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.6, no.3, pp.536-542, 2016 (Peer-Reviewed Journal)
- IV. **Effect of Substrate Temperature on Some Properties Doubly Doped Tin Oxide Thin Films Deposited by Using Spray Pyrolysis**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
Materials Focus, vol.4, no.6, pp.445-456, 2015 (ESCI)
- V. **EFFECT OF SPIN SPEED ON SOME PROPERTIES OF DOUBLY DOPED TIN OXIDE THIN FILMS DEPOSITED BY USING SOL-GEL SPIN COATING METHODE**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
BALKAN PHYSICS LETTERS, vol.21, no.211034, pp.304-315, 2013 (Peer-Reviewed Journal)

Books

- I. **Properties of silicon-ZnO hybrid nanoparticles**
KOÇYİĞİT A.
in: Silicon-Based Hybrid Nanoparticles Fundamentals, Properties, and Applications, Thomas Sabu, Nguyen Tuan Anh, Ahmadi Mazaher, Yasin Ghulam, Joshi Nirav, Editor, Elsevier, Amsterdam, pp.65-88, 2022

Papers Published in Refereed Scientific Meetings

- I. **Wearable antennas in the ISM band for biomedical applications**
Koçyiğit A., Çelik B., Karadeniz B., Efeoğlu E., Türetken B.
The 28th International Biomedical Science & Technology Symposium 2024, Kocaeli, Turkey, 1 - 03 November 2024, pp.38
- II. **Su Buharı ve Tuzluluk Algılaması İçin Dicke Radyometresi Tasarımı**
KOÇYİĞİT A., TÜRETKEN B.
XI. URSI-TR 2023 Bilimsel Kongresi ve Ulusal Genel Kurul Toplantısı, İstanbul, Turkey, 31 August - 02 September 2023
- III. **The Electrical Properties of the Al/CuO:Ni/p-Si Photodiodes**
Çağlar G., KOÇYİĞİT A.
9TH INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE AND NANOTECHNOLOGY FOR NEXT GENERATION (MSNG-2022), Ankara, Turkey, 22 September 2022
- IV. **The characterization of various TCOs and metal oxide layers for dye sensitized solar cells**
KOÇYİĞİT A., KERİMLİ G.
international Congress on Semiconductor Materials and Devices, ICSMD201, Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6947-6953
- V. **Temperature Dependent Dielectric Characteristics of The Al/Cu:TiO₂/n-Si Device**
KOÇYİĞİT A., YILDIRIM M.
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS, Gaziantep, Turkey, 24 - 25 October 2019, vol.1, pp.588-596

- VI. **OPTICAL TWEEZING POTENTIAL OF INTEGRATED VORTEX BEAM EMITTER**
ÇİÇEK K., KOÇYİĞİT A.
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019, 24 - 26 October 2019
- VII. **Frequency Dependent Characterization of The Al/CRN/n-Si Device**
YILDIRIM M., KOÇYİĞİT A.
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS, Gaziantep, Turkey, 24 - 25 October 2019, vol.1, pp.577-587
- VIII. **DEVELOPMENT OF MULTIFERROIC MATERIALS FOR SPINTRONICS APPLICATIONS**
TOPKAYA R., KOÇYİĞİT A.
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS, Gaziantep, Turkey, 24 - 25 October 2019, pp.542
- IX. **Photoresponse Properties of Coronene Nanowires Thin Film Based Photodiode**
ERDAL M. O., KOÇYİĞİT A., YILDIRIM M.
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), 16 - 18 October 2019
- X. **The electrical and dielectric characterization of Al/In:ZnO/p-Si heterojunction Device**
YILDIRIM M., KOÇYİĞİT A.
5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2018), 4 - 06 October 2018
- XI. **The Dielectric properties of Al/Cu:TiO₂/n-Si heterojunction Device**
KOÇYİĞİT A., YILDIRIM M.
International Congress on Semiconductor Materials and Devices, 28 - 30 August 2018
- XII. **Tirozinazın SnO₂: Sb İnce Filmine İmmobilizasyonu ve Karakterizasyonu".**
TÜRKHAN A., KAYA E. D., KOÇYİĞİT A.
1. International Igdir Congress On Multidisciplinary Studies. Sözlü Sunum., 6 - 07 November 2018, pp.265
- XIII. **The Dielectric Characterization of the SiO₂-MWCNT between the metal and semiconductor**
ORAK İ., KOÇYİĞİT A.
International Conference on Innovative Engineering Applications, 20 - 22 September 2018
- XIV. **Structural, Optical and Magnetic Properties of Transition Metal Doped ZnO**
TOPKAYA R., KOÇYİĞİT A., KERİMLİ G.
1st INTERNATIONAL ENGINEERING AND TECHNOLOGY SYMPOSIUM, 3 - 05 May 2018
- XV. **The Morphological and Electrical characteristics of Au/ZnO/n-Si photodiode**
KOÇYİĞİT A., ORAK İ.
1st INTERNATIONAL ENGINEERING AND TECHNOLOGY SYMPOSIUM, 3 - 05 May 2018
- XVI. **Aromatic Copolyester Based Rectifying Contact for Wide Range Temperature Applications**
KOÇYİĞİT A., ÇİFÇİ O. S.
International Congress on Semiconductor Materials and Devices, 17 - 19 August 2017
- XVII. **Preparing Quantum Dots Si nanoparticles and their applications**
KOÇYİĞİT A.
International Congress on Semiconductor Materials and Devices, 17 - 19 August 2017
- XVIII. **A study on Pr-contribution effect on F-incorporated tin oxide**
TURGUT G., KOÇYİĞİT A.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017
- XIX. **Investigation of Ta doped FTO films with spray pyrolysis**
TURGUT G., KOÇYİĞİT A.
Turkish Physical Society 33rd International Physics Congress, 6 - 11 September 2017
- XX. **Pb-contribution influence on properties of spin coated ZnO thin films**
TURGUT G., KOÇYİĞİT A.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017
- XXI. **The Variation of the features of SnO₂ and SnO₂:F thin films as a function of V dopant**
TURGUT G., KOÇYİĞİT A.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017

- XXII. **The Effect of Light on the Electrical Characteristics of Cr/p-Si Structure Prepared by D.C. Magnetron Sputtering**
KOÇYİĞİT A., ORAK İ., KARATAŞ Ş., Özerli H.
4th International conference on materials science and nanotechnology for next generation, 28 - 30 June 2017
- XXIII. **Zn doped TiO₂ thin film prepared by spin coating technique for dye sensitized solar cells**
KOÇYİĞİT A., GÜR B.
International Turkic World Conference on Chemical Science and Technologies, 26 - 30 October 2016
- XXIV. **Effect of different thickness insulator layer on dielectric properties of Al/Si₃N₄/p-type Si device**
ORAK İ., KOÇYİĞİT A.
12th International Nanoscience and Nanotechnology Conference, 3 - 05 June 2016
- XXV. **The Effect Capacitance of Insulator Layer Between Semiconductor and Metal Structure**
ORAK İ., KOÇYİĞİT A.
International Physics Conference At The Anatolian Peak, 25 - 27 February 2016
- XXVI. **FTIR and AFM properties of doubly doped tin oxide thin films prepared by spincoating technique**
DÜZGÜN B., KOÇYİĞİT A., TATAR D., BATTAL A.
17th International Conference on Nanoscience and Nanotechnology, COPENHAG, Denmark, 11 - 13 June 2015, pp.1740
- XXVII. **Study of some properties of SnO₂ Sb F thin films dependent on solution concentration**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
10th Nanoscience and Nanotechnology Conference, 17 - 21 June 2014
- XXVIII. **Comparison Effect of Spin Speeds and Substrate Layers on Properties of Tin Oxide Thin Films**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
10th Nanoscience and Nanotechnology Conference, 17 - 21 June 2014
- XXIX. **Effect Of Different Spin Speed On Structural And Physical Properties Of Doubly Doped Tin Oxide Thin Films Prepared By Spin Coating Method**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
International Semiconductor Science and Technology Conference, 13 - 15 January 2014
- XXX. **Comparison Spray Pyrolysis and Spin Coating Technique For Doubly Doped Tin Oxide**
KOÇYİĞİT A., BATTAL A., TATAR D., TURGUT G., SÖNMEZ E., DÜZGÜN B.
International Semiconductor Science and Technology Conference, 13 - 15 January 2014
- XXXI. **Characterization Antimony and Fluorine Doped Tin Oxide Thin Films With XRD SEM and FTIR Dependent On Substrate Temperatures**
BATTAL A., TATAR D., KOÇYİĞİT A., SÖNMEZ E.
International Semiconductor Science and Technology Conference, 13 - 15 January 2014
- XXXII. **Doubly Doped Tin Oxide Photoluminescence Spectrum PL and Photoluminescence Quantum Yields PLQY**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
10th International Conference on Nanoscience and Nanotechnology, 9 - 12 July 2013
- XXXIII. **Photoluminescence properties of doubly doped SnO₂ thin films prepared by Spin coating**
KOÇYİĞİT A., TATAR D., BATTAL A., DÜZGÜN B.
10th International Conference on Nanoscience and Nanotechnology, 9 - 12 July 2013
- XXXIV. **Photoluminescence properties of doubly doped SnO₂ thin films prepared by Spray pyrolysis technique**
DÜZGÜN B., KOÇYİĞİT A., TATAR D., BATTAL A.
10th International Conference on Nanoscience and Nanotechnology, 9 - 12 July 2013
- XXXV. **By using spray pyrolysis doubly doped tin oxide photoluminescence spectrum and Photoluminescence Quantum Yields PLQY**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
9th Nanoscience and Nanotechnology Conference, 24 - 28 June 2013
- XXXVI. **Exceptional enhancement of photoluminescence lifetime of ZnO nanorodsmaking use of thiourea**
SÖNMEZ E., MERAL K., KOÇYİĞİT A., BATTAL A., TATAR D., TURGUT G., DÜZGÜN B., ERTUĞRUL M.

- 9th International Conference on Nanoscience and Nanotechnology, 3 - 06 July 2012
- XXXVII. **Investigation of substrate nozzle distance effect on F and Sb Doped SnO₂ Thin Films**
KOÇYİĞİT A., TATAR D., BATTAL A., DÜZGÜN B.
9th International Conference on Nanoscience and Nanotechnology, 3 - 06 July 2012
- XXXVIII. **Effect of different spin speeds on the physical properties of F and Sb doped SnO₂ thin films prepared by spin coating method**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
9th International Conference on Nanoscience and Nanotechnology, 3 - 06 July 2012
- XXXIX. **Investigation of structural and optical properties of spray deposited Sb and F doped SnO₂ thin films at different substrate temperatures**
BATTAL A., TATAR D., KOÇYİĞİT A., DÜZGÜN B.
8th Nanoscience and Nanotechnology Conference, 25 - 29 June 2012
- XL. **Effect of layer thick on F and Sb doped SnO₂ thin films prepared by spin coating technique**
KOÇYİĞİT A., TATAR D., BATTAL A., DÜZGÜN B.
8th Nanoscience and Nanotechnology Conference, 25 - 29 June 2012
- XLI. **Comparison of Optical Properties for SnO₂ SnO₂ F and SnO₂ SbFilms Deposited on Glass Substrates**
TURGUT G., TATAR D., KOÇYİĞİT A., BATTAL A., DÜZGÜN B.
7th Nanoscience and Nanotechnology Conference, 27 June - 01 July 2011

Supported Projects

- KOÇYİĞİT A., Sıcaklık ve Manyetik Alan ile Mikrodalga Kayıpları Kontrol Edilebilen Seramiklerin Tasarımı, 2022 - Continues
- KOÇYİĞİT A., Project Supported by Higher Education Institutions, Spintronik uygulamalar için multiferroik malzemelerin sentezi ve geliştirilmesi, 2018 - Continues
- KOÇYİĞİT A., Project Supported by Higher Education Institutions, Iğdır İlinde Güneş Enerji Panellerinin Verimini Etkileyen Bazı Çevresel Faktörlerin Teorik ve Deneysel Olarak Belirlenmesi, 2017 - Continues
- Erdoğan E., Yılmaz M., Koçyiğit A., Aydoğan Ş., Turgut G., Yıldız F., TÜBİTAK Project, Sıcaklık Ve Manyetik Alan İle Mikrodalga Kayıpları Kontrol Edilebilen Seramiklerin Tasarımı, 2022 - 2025
- Erdoğan E., Koçyiğit A., Project Supported by Higher Education Institutions, Elektrokimyasal Yöntem ile Büyütülen Ga₂O₃'ün Fotodetektör Özelliklerinin Araştırılması, 2022 - 2024
- Erdoğan E., Yılmaz M., Koçyiğit A., Canpolat N., Aydoğan Ş., TÜBİTAK Project, Foto-Kataliz İçin Verimli Duyarlılaştırma Mekanizmasına Sahip Ag@HfO₂ Çekirdek-Kabuk Nanoyapıların Tasarımı, 2022 - 2023
- KOÇYİĞİT A., TÜBİTAK Project, Süperkapasitörler İçin Yeni Bloedit-Tip Esnek Elektrot Tasarımı Ve Kapasitör Üretimi, 2021 - 2022
- Koçyiğit A., Project Supported by Higher Education Institutions, Boya Duyarlı Güneş Pillerinde Farklı Fotoanot Tabakalarının Geliştirilmesi, 2019 - 2022
- KOÇYİĞİT A., Optik Tümlüşik Fotonik Devrelerle Parçacık Manipülasyonu., 2019 - 2020
- KOÇYİĞİT A., Project Supported by Higher Education Institutions, Seyreltik Manyetik Katkılı ZnO İnce Filmlerin Bazı Fiziksel Özelliklerinin Araştırılması, 2016 - 2019
- KOÇYİĞİT A., Project Supported by Higher Education Institutions, AĞRI DAĞI VOLKANİK KAYAÇLARININ YERALTI VE YERÜSTÜ SULARINA ETKİSİ, 2016 - 2018
- KOÇYİĞİT A., Project Supported by Higher Education Institutions, Boya duyarlı güneş hücrelerinin geliştirilmesi, 2014 - 2016
- KOÇYİĞİT A., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Iğdır Üniversitesi Merkezi Uygulama ve Araştırma Merkezi, 2012 - 2016
- KOÇYİĞİT A., Project Supported by Higher Education Institutions, Boya Duyarlı Güneş Hücrelerinin Verimliliklerinin Farklı Metal Oksit ve TCO larla Arttırılması, 2014 - 2015
- KOÇYİĞİT A., Project Supported by Higher Education Institutions, Spray Pyrolysis Metoduyla Farklı Taban Sıcaklıklarında Elde Edilen SnO₂ ve SnO₂ Sb F İnce Filmlerin Bazı Fiziksel Özelliklerinin Araştırılması, 2011 - 2014

Activities in Scientific Journals

Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, Editor, 2022 - Continues

Kafkas Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Editor, 2022 - Continues

Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Editor, 2014 - Continues

Awards

Koçyiğit A., Award of IOP Trusted Reviewer , Institute Of Physics, December 2023