

Prof. Mutlu KUNDAKÇI

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Fizik/Katıhal Fiziği, Turkey 2003 - 2007

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Fizik/Katıhal Fiziği, Turkey 2001 - 2003

Undergraduate, Ataturk University, Fen Edebiyat Fakültesi, Fizik, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, In2S3, CdS ve In1-xCdxS yarı iletken ince filmlerinin Sılar Metodu ile büyütülmesi ve karakterizasyonu, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik/Katıhal Fiziği, 2007

Postgraduate, InSe,InSe:Er ve InSe:Gd TEK KRİSTALLERİNDE YASAK ENERJİ ARALIĞINA ELEKTRİK ALANIN ETKİSİ, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik/Katıhal Fiziği, 2003

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Surfaces, Interfaces, Thin Films and Nanosystems, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Magnetic Properties and Materials, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ataturk University, Fen Fakültesi, Fizik, 2012 - 2017

Assistant Professor, Ataturk University, Fen Fakültesi, Fizik, 2007 - 2012

Assistant Professor, Ohio State University, Engineering Faculty, Electrical And Electronic Engineering, 2009 - 2010

Research Assistant, Ataturk University, Fen Fakültesi, Fizik, 2001 - 2007

Academic and Administrative Experience

Director of Vocational School, Ataturk University, Aşkale Meslek Yüksekokulu, 2021 - Continues
Director of Vocational School, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, 2016 - 2021
Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, 2016 - 2016

Courses

GÜNEŞ PİLLERİ FİZİĞİNE GİRİŞ, Postgraduate, 2023 - 2024
SES FİZİĞİ, Associate Degree, 2022 - 2023
BİYOFİZİK, Associate Degree, 2022 - 2023
FİZİK I, Undergraduate, 2022 - 2023
UZMANLIK ALAN DERSİ, Doctorate, 2021 - 2022
ELEKTRONİK II, Undergraduate, 2021 - 2022
FİZİK I, Undergraduate, 2022 - 2023
UZMANLIK ALAN DERS, Doctorate, 2022 - 2023
GÜNEŞ PİLLERİ FİZİĞİNE GİRİŞ, Postgraduate, 2021 - 2022
Elektromanyetik Teori, Undergraduate, 2021 - 2022
GÜNEŞ PİLLERİ FİZİĞİNE GİRİŞ, Postgraduate, 2022 - 2023
ELEKTRONİK LABORATUVARI II, Undergraduate, 2020 - 2021
SUN PHYSICS, Undergraduate, 2021 - 2022
Electronic and Laboratory, Undergraduate, 2020 - 2021
ELEKTRONİK II LABORATUVARI, Undergraduate, 2020 - 2021
GÜNEŞ PİLLERİ FİZİĞİNE GİRİŞ, Postgraduate, 2021 - 2022
ELEKTRONİK I LABORATUVARI, Undergraduate, 2020 - 2021
ELEKTRONİK II, Undergraduate, 2020 - 2021
KLASİK MEKANİK, Undergraduate, 2020 - 2021
PHYSICS II, Undergraduate, 2019 - 2020
MATHEMATICS METHODS IN PHYSICS, Undergraduate, 2020 - 2021
ELEKTROMAGNETIC THEORY, Undergraduate, 2019 - 2020
PHYSICS II, Undergraduate, 2019 - 2020
PHYSICS I, Undergraduate, 2020 - 2021
PHYSICS I , Undergraduate, 2016 - 2017

Advising Theses

KUNDAKÇI M., RF Saçtırma yöntemiyle GaN'ün ince film olarak büyütülmesi ve karakteristik özelliklerinin deneysel olarak incelenmesi, Doctorate, A.MANTARCI(Student), 2018
KUNDAKÇI M., RF Saçtırma yöntemiyle InGaN üçlü bileşiğinin ince film olarak büyütülmesi ve karakteristik özelliklerinin deneysel olarak incelenmesi, Doctorate, E.ERDOĞAN(Student), 2017
KUNDAKÇI M., Fotovoltaik öneme sahip CuInS₂/In₂S₃ çok tabakalı yarıiletken ince filmlerinin SILAR metoduyla büyütülmesi ve karakterizasyonu, Postgraduate, M.Ebru(Student), 2012

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Üniversitelerarası Kurul, October, 2022
Doctorate, Doktora tez savunma sınavı, Mustafa Kemal Üniversitesi, December, 2017
Post Graduate, Yüksek lisan tez savunma sınavı, Bingöl Üniversitesi, September, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optical, structural, morphological, and gas sensing properties of Mg-doped α -Fe₂O₃ thin films deposited by RF and DC magnetron Co-sputtering technique**
SARITAŞ S., Muglu G. M., TURGUT E., KUNDAKÇI M., YILDIRIM M., Senay V.
PHYSICA B-CONDENSED MATTER, vol.677, 2024 (SCI-Expanded)
- II. **Structural, optical, electrical and gas sensor properties of Fe-doped CdO thin films synthesized by spray pyrolysis**
CEVİZ ŞAKAR B., KUNDAKÇI M.
Ceramics International, vol.50, no.3, pp.4589-4599, 2024 (SCI-Expanded)
- III. **Production of GaN/n-Si thin films using RF magnetron sputtering and determination of some physical properties: argon flow impacts**
MANTARCI A., KUNDAKÇI M.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.56, no.3, pp.905-914, 2020 (SCI-Expanded)
- IV. **ZnSe and CuSe NP's by microbial green synthesis method and comparison of I-V characteristics of Au/ZnSe/p-Si/Al and Au/CuSe/p-Si/Al structures**
Çakıcı T., Özdal M., Kundakçi M., Kayalı R.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.103, 2019 (SCI-Expanded)
- V. **Power-dependent physical properties of GaN thin films deposited on sapphire substrates by RF magnetron sputtering**
MANTARCI A., KUNDAKÇI M.
BULLETIN OF MATERIALS SCIENCE, vol.42, no.5, 2019 (SCI-Expanded)
- VI. **Role of RF power on physical properties of RF magnetron sputtered GaN/p-Si(100) thin film**
MANTARCI A., KUNDAKÇI M.
MATERIALS SCIENCE-POLAND, vol.37, no.3, pp.454-464, 2019 (SCI-Expanded)
- VII. **Changes of the Physical Properties of Sputtered InGaN Thin Films Under Small Nitrogen Gas Flow Variations**
ERDOĞAN E., KUNDAKÇI M.
JOURNAL OF ELECTRONIC MATERIALS, vol.48, no.5, pp.2924-2931, 2019 (SCI-Expanded)
- VIII. **Physical properties of RF magnetron sputtered GaN/n-Si thin film: impacts of RF power**
MANTARCI A., KUNDAKÇI M.
OPTICAL AND QUANTUM ELECTRONICS, vol.51, no.3, 2019 (SCI-Expanded)
- IX. **Influence of substrate and substrate temperature on the structural, optical and surface properties of InGaN thin films prepared by RFMS method**
ERDOĞAN E., KUNDAKÇI M.
MICROELECTRONIC ENGINEERING, vol.207, pp.15-18, 2019 (SCI-Expanded)
- X. **Growth and characterization of InGaN thin films on Si (111) substrate by RF magnetron sputtering: N₂ gas flow effect**
ERDOĞAN E., KUNDAKÇI M., KASAPOĞLU A. E., GÜR E.
American Journal Of Physics, 2018 (SCI-Expanded)
- XI. **Ni: Fe₂O₃, Mg: Fe₂O₃ and Fe₂O₃ thin films gas sensor application**
SARITAŞ S., KUNDAKÇI M., Coban O., TÜZEMEN S., YILDIRIM M.
PHYSICA B-CONDENSED MATTER, vol.541, pp.14-18, 2018 (SCI-Expanded)
- XII. **The effect of Mg dopants on magnetic and structural properties of iron oxide and zinc ferrite thin films**
SARITAŞ S., Sakar B., KUNDAKÇI M., YILDIRIM M.
RESULTS IN PHYSICS, vol.9, pp.416-423, 2018 (SCI-Expanded)
- XIII. **Characterization of In_{1-x}Cd_xS, In₂S₃ and CdS thin films grown by SILAR method**
KUNDAKÇI M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.8, pp.5807-5816, 2017 (SCI-

Expanded)

- XIV. **Room temperature current-voltage (I-V) characteristics of Ag/InGaN/n-Si Schottky barrier diode**
Erdogan E., KUNDAKÇI M.
PHYSICA B-CONDENSED MATTER, vol.506, pp.105-108, 2017 (SCI-Expanded)
- XV. **Growth and characterization of GaN thin film on Si substrate by thermionic vacuum arc (TVA)**
KUNDAKÇI M., Mantarci A., Erdogan E.
MATERIALS RESEARCH EXPRESS, vol.4, no.1, 2017 (SCI-Expanded)
- XVI. **The annealing effect on structural, optical and photoelectrical properties of CuInS₂/In₂S₃ films**
Kundakci M.
PHYSICA B-CONDENSED MATTER, vol.406, pp.2953-2961, 2011 (SCI-Expanded)
- XVII. **Characterization of CuInS(2) Thin Films with Different Cu/In Ratio**
Kundakci M.
CHINESE JOURNAL OF CHEMICAL PHYSICS, vol.23, no.5, pp.582-586, 2010 (SCI-Expanded)
- XVIII. **Photovoltaic solar cell properties of CdxZn1-xO films prepared by sol-gel method**
Ilican S., Caglar Y., Caglar M., KUNDAKÇI M., ATEŞ A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.34, no.12, pp.5201-5207, 2009 (SCI-Expanded)
- XIX. **Characteristic properties of indium selenide thin films grown by the successive ionic layer adsorption and reaction method**
ATEŞ A., ASTAM A., KUNDAKÇI M., YILDIRIM M.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.11, no.5, pp.644-648, 2009 (SCI-Expanded)
- XX. **Annealing and light effect on optical and electrical properties of evaporated indium selenide thin films**
Ates A., KUNDAKÇI M., Astam A., YILDIRIM M.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.40, no.8, pp.2709-2713, 2008 (SCI-Expanded)
- XXI. **Urbach tail and electric field influence on optical properties of InSe and InSe:Er single crystals**
KUNDAKÇI M., Guerbulak B., DOĞAN S., ATEŞ A., YILDIRIM M.
Applied Physics A: Materials Science and Processing, vol.90, no.3, pp.479-485, 2008 (SCI-Expanded)
- XXII. **Structural, optical and electrical properties of CdS, Cd_{0.5}In_{0.5}S and In₂S₃ thin films grown by SILAR method**
KUNDAKÇI M., Ates A., Astam A., Yidirim M.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.40, no.3, pp.600-605, 2008 (SCI-Expanded)
- XXIII. **Annealing and light effect on optical and electrical properties of ZnS thin films grown with the SILAR method**
Ates A., YILDIRIM M. A., KUNDAKÇI M., Astam A.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.10, no.6, pp.281-286, 2007 (SCI-Expanded)
- XXIV. **Electric field influence on exciton absorption of Er doped and undoped InSe single crystals**
Guerbulak B., Kundakci M., Ates A., Yildirim M.
Physica Scripta, vol.75, no.4, pp.424-430, 2007 (SCI-Expanded)
- XXV. **Effective mass calculation for InSe, InSe:Er crystals**
Ates A., Kundakci M., Akaltun Y., Gurbulak B., Yildirim M.
Physica E: Low-Dimensional Systems and Nanostructures, vol.36, no.2, pp.217-220, 2007 (SCI-Expanded)
- XXVI. **Investigation of optical and structural properties of CdS thin films**
Ates A., Yildirim M. A., Kundakci M., Yildirim M.
Chinese Journal of Physics, vol.45, pp.135-141, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Substrate Temperature on Structural, Morphological, and Optical Properties of Gallium Oxide Thin Films Deposited by RF-Sputtering**
Yildiz F., Akcay H., ASTAM A., KUNDAKÇI M.

Gazi University Journal of Science, vol.37, no.3, pp.1498-1507, 2024 (ESCI)

- II. **Comparison of the optical and morphological properties of CdO thin films obtained by different methods**
Ceviz Şakar B., Sarıtaş S., Kundakçı M.
Materials Today: Proceedings, vol.46, no.1, pp.6888-6891, 2021 (Peer-Reviewed Journal)
- III. **Cobalt metal doped magnesium ferrite and zinc ferrite thin films grown by Spray Pyrolysis**
Sarıtaş S., Ceviz Şakar B., Turgut E., Kundakçı M., Yıldırım M.
MATERIALS TODAY : PROCEEDINGS, vol.2214, no.7853, pp.7025-7029, 2021 (Peer-Reviewed Journal)
- IV. **Analysis of magnesium ferrite and nickel doped magnesium ferrite thin films grown by Spray Pyrolysis**
Ceviz Şakar B., Kundakçı M., Gürbulak B., Yıldırım M.
Materials Today: Proceedings, vol.46, no.1, pp.6519-6521, 2021 (Peer-Reviewed Journal)
- V. **Optical and morphological properties of the CdO thin films as a function of film thickness**
Ceviz Şakar B., Sarıtaş S., Kundakçı M.
Materials Today: Proceedings, vol.46, no.1, pp.6892-6894, 2021 (Peer-Reviewed Journal)
- VI. **Analysis of magnesium ferrite and nickel doped magnesium ferrite thin films grown by Spray Pyrolysis**
Sarıtaş S., Ceviz Şakar B., Kundakçı M., Gürbulak B.
MATERIALS TODAY : PROCEEDINGS, vol.46, no.1, pp.6519-6523, 2021 (Peer-Reviewed Journal)
- VII. **Investigation of GaN/InGaN thin film growth on ITO substrate by thermionic vacuum arc (TVA)**
Erdogan E., KUNDAKÇI M.
SN APPLIED SCIENCES, vol.1, no.1, 2019 (ESCI)
- VIII. **p-Si(100)/InGaN thin film structure and investigation of its physical properties: N₂ gas flow effect**
ERDOĞAN E., kundakçı M., KASAPOĞLU A. E., GÜR E.
Materials Today: Proceedings, vol.18, pp.1868-1874, 2019 (Peer-Reviewed Journal)
- IX. **Copper-substituted spinel zinc ferrite and magnesium ferrite thin films grown by spray pyrolysis**
SARITAŞ S., TURGUT E., CEVİZ ŞAKAR B., KUNDAKÇI M., YILDIRIM M.
AMERICAN INSTITUTE OF PHYSICS, vol.2042, 2018 (Peer-Reviewed Journal)
- X. **Studies on the optical, structural and electrical properties of Sn and Sb doped magnesium ferrite (Mg_xFe_{3-x}O₄)**
AKÇAY H., SARITAŞ S., KUNDAKÇI M., YILDIRIM M.
American Institute of Physics, vol.2042, 2018 (Peer-Reviewed Journal)
- XI. **Zinc Ferrite Films Doped with Lanthanides for Gas Sensor Application**
SARITAŞ S., TURGUT E., GÜRBULAK B., KUNDAKÇI M., YILDIRIM M.
Journal of Physical Chemistry and Functional Materials, vol.1, pp.1-8, 2018 (Peer-Reviewed Journal)
- XII. **N₂ GAZ AKIŞ HIZININ, SPUTTER TEKNİĞİNDEN ELDE EDİLEN İNDİYUM-GALYUM-NİTRÜR ÜÇLÜ İNCE FİLMİNİN OPTİK, YAPISAL VE MORFOLOJİK ÖZELLİKLERİNE ETKİSİNİN İNCELENMESİ**
ERDOĞAN E., KUNDAKÇI M.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, 2018 (Peer-Reviewed Journal)
- XIII. **Alteration Of The Electrical And Magnetic Properties of Iron Oxide By Zn, Co and Zn, Ni Codoped**
ISSN: 2456-1851 Volume:02, Issue:06 2017
Sarıtaş S., Turgut E., Kundakçı M., Gürbulak B., Yıldırım M.
International Journal of Engineering Technology and Scientific Innovation, vol.02, no.06, pp.725-742, 2017 (Peer-Reviewed Journal)
- XIV. **Synthesis and Characterization of Transition Metal Co-Doped ZnO AND MgO Diluted Magnetic Semiconductor Films Prepared By Chemical Spray Pyrolysis Method, , Uot 539.2538.9-405548, Pacs: 61.50-F, Volume 1, Number 1 Pages 39-46, 2017**
SARITAŞ S., GÜRBULAK B., KUNDAKÇI M., ALİEVA M., YILDIRIM M.
Journal of Baku Engineering University–Physics, 2017 (Peer-Reviewed Journal)
- XV. **Co: Fe₂O₃, Co_xZn_{1-x}Fe₂O₄ Thin Films Grown by Chemical Spray Pyrolysis for Gas Sensor**
SARITAŞ S., KUNDAKÇI M., ÇOBAN Ö., YILDIRIM M.

International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, vol.6, no.7, pp.1-11, 2017 (Scopus)

- XVI. **Synthesis and Characterization of Transition Metal Co-Doped ZnO and MgO Diluted Magnetic Semiconductor Films Prepared by Chemical Spray Pyrolysis Method,**
SARITAŞ S., GÜRBULAK B., KUNDAKÇI M., Aliyeva M., YILDIRIM M.
Journal of Baku Engineering University-Physics, 2017 (Peer-Reviewed Journal)
- XVII. **Synthesis and Characterization of Transition Metal Co Doped ZnO and MgO Diluted Magnetic Semiconductor Films Prepared by Chemical Spray Pyrolysis Method**
SARITAŞ S., GÜRBULAK B., KUNDAKÇI M., ALİEVA M., YILDIRIM M.
Journal of Baku Engineering, 2017 (Peer-Reviewed Journal)
- XVIII. **Compared with a-Fe₂O₃ and Zn_xFe_{3-x}O₄ Thin Films Grown by Chemical Spray Pyrolysis**
Saritaş S., Turgut E., Kundakçi M., Gürbulak B., Yıldırım M.
International Journal of Sensor Networks and Data Communications, vol.6, pp.1-7, 2017 (Peer-Reviewed Journal)
- XIX. **InSe ve InSe:Zn Yarıiletkenlerin Bridgman/Stockbarger Tekniğiyle Büyütülmesi ve Yapısal Karakterizasyonu**
Gürbulak B., Duman S., Erzeneoğlu S. Z., Şata M., Ashkhasi A., Kundakçi M., Aksoy M., Yıldırım M.
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.1, no.2, pp.77-94, 2015 (Scopus)

Books & Book Chapters

- I. **Elektrik Arızası Öncesinde ve Sonrasında Alınacak Önlemler**
KUNDAKÇI M.
in: Güvenlik ve Acil Durum Prosedürleri k, , Editor, ATA AOF, 2017
- II. **LabVIEW'de Çizelgeler ve Grafikler**
Demir Y., Ertuğrul M., Aşkın F., Yurtcan M. T., Duman S., Ceviz M. A., Aydın S., Kundakçi M., Daş A., Mavi A. (Editor)
in: Herkes için LabVIEW 1, Ahmet MAVİ, Editor, Pegem A Yayıncılık, Ankara, pp.295-371, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **EFFECT OF GROWN TECHNIQUE ON GAS SENSOR DEVICES**
Saritaş S., Turgut E., Kundakçi M., Gürbulak B., Yıldırım M.
1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES (ISFAS-2021), Erzurum, Turkey, 11 - 13 September 2021, pp.1
- II. **SUBSTRATES EFFECT ON GAS SENSOR APPLICATION FOR Fe₂O₃**
Saritaş S., Turgut E., Kundakçi M., Gürbulak B., Yıldırım M.
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 11 - 13 September 2021, pp.66
- III. **Analysis of magnesium ferrite and nickel doped magnesium ferrite thin films grown by Spray Pyrolysis**
SARITAŞ S., Sakar B., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.
2nd International Congress on Semiconductor Materials and Devices, ICSMD 2018, Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6920-6923
- IV. **Optical and morphological properties of the CdO thin films as a function of film thickness**
Sakar B. C., Saritas S., KUNDAKÇI M.
2nd International Congress on Semiconductor Materials and Devices, ICSMD 2018, Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6892-6894
- V. **Comparison of the optical and morphological properties of CdO thin films obtained by different methods**
Sakar B., Saritas S., KUNDAKÇI M.

2nd International Congress on Semiconductor Materials and Devices, ICSMD 2018, Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6888-6891

- VI. **Cobalt metal doped magnesium ferrite and zinc ferrite thin films grown by Spray Pyrolysis**
Sarıtaş S., Ceviz Şakar B., Turgut E., Kundakçı M., Yıldırım M.
2nd International Congress on Semiconductor Materials and Devices, ICSMD 2018, Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.7025-7029
- VII. **INVESTIGATION OF BACTERIAL SYNTHESIZED COMPLEX CuZnSe NANOPARTICLES AND FABRICATION OF CuZnSe THIN FILM**
ÇAKICI T., ÖZDAL M., Kundakçı M.
International Natural Science, Engineering and Material Technologies Conference, İstanbul, Turkey, 9 - 10 September 2019, pp.517-524
- VIII. **Complex Go: Cu: In Nanoparticles Synthesized by Bacteria and Fabrication of GO:Cu:In / P-Si Structure**
ÇAKICI T., ÖZDAL M., Kundakçı M.
International Natural Science, Engineering and Materials Technology Conference, İstanbul, Turkey, 9 - 10 September 2019, pp.507-516
- IX. **Fabrication of Microbial Synthesized ZnSe-Nps as Thin Films and ZnSe/P-Si Device Application**
ÇAKICI T., ÖZDAL M., Kundakçı M.
MAS EUROPEAN INTERNATIONAL CONGRESS, 2 - 05 May 2019, pp.1022-1029
- X. **Biosynthesis of Copper Selenide Nanoparticles (CuSe-NPs) Via Bacteria and Their Use in Thin Film Formation**
ÇAKICI T., ÖZDAL M., Kundakçı M.
MAS EUROPEAN INTERNATIONAL CONGRESS, 2 - 05 May 2019, pp.1015-1021
- XI. **Biosynthesis of Complex Nanoparticles MgSe and Fabrication of MgSe thin Film as an Interlayer for Au/MgSe/p-Si Structure**
ÇAKICI T., ÖZDAL M., KÜÇÜKGÖZ F., Kundakçı M.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES, Ağrı, Turkey, 19 - 22 June 2019, pp.200-210
- XII. **CHARACTERIZATION OF TRANSITION METAL Co, Ni, Fe-DOPED ZnO DILUTED MAGNETIC SEMICONDUCTOR FILMS GROWN BY CHEMICAL SPRAY PYROLYSIS METHOD.**
SARITAŞ S., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.
MAS EUROPEAN INTERNATIONAL CONGRESS ON MATHEMATICS ENGINEERING-NATURAL MEDICAL SCIENCES-V, Erzurum, Turkey, 2 - 05 April 2019, pp.165-172
- XIII. **GALLIUM DOPED SPINEL ZINC FERRITE AND MAGNESIUM FERRITE THIN FILMS GROWN BY SPRAY PYROLYSIS**
SARITAŞ S., KUNDAKÇI M., YILDIRIM M.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 September 2018
- XIV. **STUDIES ON THE OPTICAL, STRUCTURAL AND ELECTRICAL PROPERTIES OF CADMIUM DOPED ZINC FERRITE AND MAGNESIUM FERRITE**
SARITAŞ S., KUNDAKÇI M., YILDIRIM M.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 September 2018, pp.19-27
- XV. **Biosynthesis of Go: Se Nanoparticles Using as Thin Films and Go: Se /P-Si Device Application**
ÇAKICI T., ÖZDAL M., Kundakçı M.
3. International Conference on Organic Electronic Material Technologies, Kırklareli, Turkey, 20 - 22 September 2018, pp.10-18
- XVI. **Green Bio-Chemistry Approach for Fabrication of Go:Cu/P-Si Device Application**
ÇAKICI T., ÖZDAL M., Kundakçı M.
3. International Conference on Organic Electronic Material Technologies, Kırklareli, Turkey, 20 - 22 September 2018
- XVII. **Zn: Fe₂O₃, Mg: Fe₂O₃ and Fe₂O₃ Thin Films Grown by Spray Pyrolysis and Gas Sensor Application**
SARITAŞ S., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.

INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE 26-29 APRIL 2018 KASTAMONU, 26 - 29 April 2018, pp.61-65

- XVIII. **Comparative Analysis Magnesium Ferrite And Nickel Doped Magnesium Ferrite Thin Films, 2nd International Congress On Semiconductor Materials And Devices**
GÜRBULAK B., YILDIRIM M., SARITAŞ S., KUNDAKÇI M., ŞAKAR B. C.
ICSMD 2018 Ardahan, 225-230, 28 - 30 August 2018
- XIX. **Photon interaction parameters of InGaN thin films.**
KAVAZ E., EKİNCİ N., kundakçı M., KURUCU Y., GÜRBULAK B.
2nd international congress on semiconductor materials and devices, 28 - 30 August 2018
- XX. **Photon Interaction Parameters of Ingan Thin Films, 2nd International Congress on Semiconductor Materials And Devices**
GÜRBULAK B., KUNDAKÇI M., KAVAZ E., EKİNCİ N., ERDOĞAN E.
Submitted to ICSMD 2018 Ardahan, 28 - 30 August 2018
- XXI. **Biosynthesis of GO:SE Nanoparticles Using as Thin Films and Fabrication of Ag/GO:Se/P-Si Device Structure**
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Scientific Refereeing

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Metrics

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Entrepreneurship Activities

Other, MELSUN ENERGY SYSTEMS AND CONSULTANCY, 07 August 2014, Founder Owner

Representation and Promotion Activities

Institutional Promotion, Erzurum and Bulgaria Bansko Municipality, Bulgaria, Blagoevgrad, 2019 - 2020

Non Academic Experience

ATATÜRK ÜNİVERSİTESİ

ATATÜRK ÜNİVERSİTESİ

OHIO STATE ÜNİVERSİTESİ AMERİKA BİRLEŞİK DEVLETLERİ

ATATÜRK ÜNİVERSİTESİ