

Asst. Prof. Tuba ÇAKICI

Personal Information

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International Researcher IDs

ScholarID: hQxzWpUAAAAJ

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ScopusID: 56324395600

Yoksis Researcher ID: 254005

Education Information

Doctorate, Ataturk University, Fen Fakültesi/Fen Bilimleri Enstitüsü, Fizik/Katıhal Fiziği, Turkey 2010 - 2014

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

IT, BİLGİ GÜVENLİĞİ FARKINDALIK EĞİTİMİ , ERZURUM TİCARET VE SANAYİ ODASI , 2021

Foreign Language, Kaplan International Language Course, Kaplan International Language Course, Cambridge University Assesments, 2017

Dissertations

Doctorate, In2S3 İnce Filminin n-InP Altık Üzerine Kimyasal Püskürtme Metoduyla Büyütülmesi ve Üretilen Au/n-InP/In ve Au/In2S3/n-InP/In Yapıların Numune Sıcaklığına Bağlı Olarak Elektriksel Karakteristiklerinin Karşılaştırılması, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik/Katıhal Fiziği, 2014

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Biophysics and Medical Physics, Materials Science, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Ataturk University, Fen Bilimleri Enstitüsü, Nanobilim ve Nanomühendislik Anabilim Dalı, 2018 - Continues

Assistant Professor, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik ve Enerji, 2016 - Continues

Academic and Administrative Experience

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2017 - Continues

Eğitim ve Müfredat Kurulu üyesi, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2017 - Continues

Rectorate Commissioner, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2016 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2016 - Continues

Erasmus Coordinator, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik ve Enerji, 2016 - Continues

Meslek Yüksekokulu Akademik Kurul Üyesi, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2016 - Continues

Performans Değerlendirme Komisyonu Başkanı, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2016 - Continues

Program Koordinatörü, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik ve Enerji, 2016 - Continues
Meslek Yüksekokulu Kurulu Üyesi, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik ve Enerji, 2016 - Continues

Birim Tanıtım ve Mezunlarla İlişkiler Komisyonu Başkanı, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2016 - Continues

Birim Stratejik Plan Komisyonu Üyesi, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik ve Enerji, 2016 - Continues

Staj Koordinatörü, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik ve Enerji, 2016 - Continues

Atatürk Üniversitesi, İspir Hamza Polat Meslek Yüksekokulu, 2016 - Continues

Assistant Director of Vocational School, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, Elektrik Ve Enerji, 2016 - Continues

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Ataturk University, İspir Hamza Polat Meslek Yüksekokulu, 2016 - Continues

Courses

Uzmanlık Alan Dersi I, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Uzmanlık Alan Dersi III, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Elektrik Makineleri I, Associate Degree, 2022 - 2023

Genel Matematik II, Associate Degree, 2022 - 2023

Yenilenebilir Enerji Kaynakları, Associate Degree, 2022 - 2023

Elektrik Enerjisi İletimi ve Dağıtımı, Associate Degree, 2022 - 2023

Mesleki Uygulama, Associate Degree, 2022 - 2023

Elektrik Enerjisi İletimi ve Dağıtımı, Associate Degree, 2022 - 2023

Uzmanlık Alan Dersi IV, Postgraduate, 2022 - 2023

Mesleki Uygulama, Associate Degree, 2022 - 2023

NANOYAPILI AYGITLARDA ÖZEL KONULAR-I: FOTOVOLTAİKLER , Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Elektrik Makineleri I, Associate Degree, 2022 - 2023

Yenilenebilir Enerji Kaynakları, Associate Degree, 2022 - 2023

Uzmanlık Alan Dersi II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Danışmanlık, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Elektrik Enerjisi Üretimi ve Dağıtımı, Associate Degree, 2021 - 2022, 2020 - 2021

Elektrik Makineleri II , Associate Degree, 2022 - 2023

Matematik II, Associate Degree
Bitirme Projesi, Associate Degree, 2021 - 2022
Genel Matematik I, Associate Degree, 2022 - 2023
Temel Fizik, Associate Degree, 2022 - 2023
Elektrik Makinaları I, Associate Degree, 2021 - 2022
Matematik II, Associate Degree
Hidroelektrik Santralleri, Associate Degree, 2021 - 2022, 2019 - 2020
Enerji Üretiminin Temelleri, Associate Degree, 2021 - 2022
Elektrik Makineleri II, Associate Degree, 2022 - 2023
Matematiğe Giriş, Associate Degree, 2022 - 2023
Hidroelektrik Santralleri, Associate Degree, 2021 - 2022
Biyomedikal Cihaz Teknolojisine Giriş, Associate Degree, 2022 - 2023
Elektrik Enerji Santralleri , Associate Degree, 2022 - 2023
Elektrik Enerji Santralleri, Associate Degree, 2022 - 2023
Trafo ve Doğru Akım Makineleri, Associate Degree, 2021 - 2022, 2020 - 2021
Yenilenebilir Enerji Kaynakları, Associate Degree, 2021 - 2022
Analog Elektronik II, Associate Degree, 2021 - 2022
Algoritma, Associate Degree, 2021 - 2022
Genel Matematik, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Elektrik Makineleri , Associate Degree, 2021 - 2022
Enerji Santralleri , Associate Degree, 2021 - 2022, 2020 - 2021
Matematik 1, Associate Degree, 2021 - 2022
Elektrik Enerji Santralleri, Associate Degree, 2021 - 2022, 2020 - 2021
Fizik, Associate Degree, 2021 - 2022, 2020 - 2021
Hidroelektrik Santralleri, Associate Degree, 2021 - 2022, 2020 - 2021
FİZİK , Associate Degree, 2021 - 2022
Hidroelektrik Enerji Santralleri , Associate Degree
Asenkron ve Senkron Makineler, Associate Degree, 2021 - 2022, 2020 - 2021
Enerji Santralleri, Associate Degree, 2021 - 2022, 2020 - 2021
Enerji İletim Ve Dağıtımı, Associate Degree, 2020 - 2021, 2017 - 2018
Türbin Teknolojisi, Associate Degree, 2020 - 2021
Yenilenebilir Enerji Kaynakları, Associate Degree, 2020 - 2021, 2019 - 2020
Matematik I, Associate Degree
Genel Matematik, Associate Degree, 2021 - 2022
Elektrik Makineleri , Associate Degree, 2020 - 2021
Yenilenebilir Enerji Kaynakları, Associate Degree, 2019 - 2020
Temel Matematik, Associate Degree
Temel Matematik, Associate Degree, 2020 - 2021
Jeotermal Enerji , Associate Degree, 2019 - 2020
Matematik, Associate Degree
Türbin Teknolojisi, Associate Degree, 2019 - 2020
Matematik I, Associate Degree
Fizik, Associate Degree, 2020 - 2021
Bilgi ve İletişim Teknolojileri, Associate Degree, 2019 - 2020
Bilgi ve İletişim Teknolojileri, Associate Degree, 2019 - 2020
Türbin Teknolojisi, Associate Degree, 2018 - 2019, 2017 - 2018
Meslek Etiği, Associate Degree, 2018 - 2019
MESLEK ETİĞİ, Associate Degree, 2018 - 2019, 2016 - 2017
Bilgi ve İletişim Teknolojileri, Associate Degree, 2019 - 2020
Matematik II, Associate Degree, 2018 - 2019
Matematik II, Associate Degree, 2018 - 2019, 2017 - 2018

Enerji Yönetimi, Associate Degree, 2018 - 2019
Genel Matematik, Associate Degree, 2018 - 2019
Enerji Yönetimi, Associate Degree, 2018 - 2019
Fizik I, Associate Degree
Enerji Ekonomisi, Associate Degree, 2017 - 2018
MATematik I, Associate Degree, 2018 - 2019
TEKNOLOJİNİN BİLİMSEL İLKELERİ, Associate Degree, 2018 - 2019
Genel Matematik, Associate Degree, 2018 - 2019
Genel Matematik , Associate Degree, 2018 - 2019, 2017 - 2018
ENERJİ YÖNETİMİ , Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017
Enerji Santralleri, Associate Degree, 2018 - 2019
ENERJİ YÖNETİMİ, Associate Degree, 2016 - 2017
Matematik I, Associate Degree, 2017 - 2018
Hidroelektrik Enerji Santralleri, Associate Degree, 2017 - 2018
Matematik II, Associate Degree, 2016 - 2017
Hidroelektrik Enerji Santralleri, Associate Degree, 2016 - 2017

Advising Theses

Çakıcı T., BAKTERİYEL SENTEZ YÖNTEMİYLE ÜRETİLEN GO:Ag NANOPARTİKÜLLERİN DEVRE ELEMANI UYGULAMASI,
Postgraduate, F.SERÇEOĞLU(Student), 2024

Jury Memberships

Doctorate, Doctorate, Recep Tayyip Erdoğan Üniversitesi, December, 2022
Post Graduate, Post Graduate, Ağrı İbrahim Çeçen Üniversitesi, March, 2022
Appointment to Academic Staff-Assistant Professorship, ÖĞRETİM GÖREVLİSİ ALIM JÜRİ ÜYELİĞİ, ATATÜRK
ÜNİVERSİTESİ MESLEK YÜKSEKOKULU, January, 2019

Designed Lessons

Çakıcı T., Elektrik Makinaları I, Associate Degree, 2021 - 2022
Çakıcı T., Elektrik Makinaları II, Associate Degree, 2021 - 2022
Çakıcı T., MESLEKİ UYGULAMA , Associate Degree, 2021 - 2022
Çakıcı T., Elektrik Makinaları II, Associate Degree, 2021 - 2022
Çakıcı T., Elektrik Makinaları I, Associate Degree, 2021 - 2022
Çakıcı T., Levet A., Bitirme Projesi , Associate Degree, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Bacterial MgSe complex nanoparticle synthesis and electrical characterization of fabricated Ag/MgSe/p-Si hetero-structure under dark and illumination**
Çakıcı T., Özdal Ö. G., Almousa N., Yıldız F., Perişanoğlu E., Khalil H., Ene A., Zakaly H. M.
Heliyon, vol.9, no.11, 2023 (SCI-Expanded)
- II. **Surface activation of Si-based Schottky diodes by bacterial biosynthesized AgInSe₂ trimetallic alloy nanoparticles with evidenced negative capacitance and enhanced electro-dielectric performance**
Çakıcı T., Ajjaq A., Çağırtekin A. O., Özdal M., Barin Ö., Acar S.
APPLIED SURFACE SCIENCE, vol.631, pp.157522-157544, 2023 (SCI-Expanded)

- III. **Investigation of Optical, Structural and Electrical Properties of Heterostructure Fe₂O₃ Deposited by RF Magnetron Sputtering on ZnO Layer by Spray Pyrolysis**
Saritaş S., Çakıcı T., Merhan Muğlu G., Yıldırım M.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.1, pp.1200-1215, 2022 (SCI-Expanded)
- IV. **SrO Effect on Photon/Particle Radiation Protection Characteristics of SrO–PbO–B₂O₃ Glasses**
Al-Buriahi M., KAVAZ E., Perişanoğlu U., Alalawi A., ÇAKICI T., Alomairy S., Rammah Y.
Journal of Inorganic and Organometallic Polymers and Materials, vol.31, no.12, pp.4546-4562, 2021 (SCI-Expanded)
- V. **Synthesising of MgSe Complex Nanoparticle via Bacteria and Characterisation of Fabricated MgSe/p-Si Structure**
Cakici T., Ozdal O. G.
ACTA PHYSICA POLONICA A, vol.140, no.1, pp.9-13, 2021 (SCI-Expanded)
- VI. **Investigation of Go: Cu nanoparticles produced by green synthesization method and fabrication of Au/Go:Cu/p-Si/al diode**
Cakici T.
Journal of Molecular Structure, vol.1199, 2020 (SCI-Expanded)
- VII. **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., Kundakçı M., Kayalı R.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.103, 2019 (SCI-Expanded)
- VIII. **Exciting transition metal doped dilute magnetic thin films: MgO: Er and ZnO: Er**
ÇAKICI T., SARITAŞ S., GÜNAY M. M., YILDIRIM M.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.1, no.1815, pp.500021-500024, 2017 (SCI-Expanded)
- IX. **Effect of copper and nickel doping on the optical and structural properties of ZnO**
GÜNAY M. M., SARITAŞ S., ÇAKICI T., CEVİZ ŞAKAR B., YILDIRIM M.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.1, no.1815, pp.500081-500084, 2017 (SCI-Expanded)
- X. **The effects of growth parameters on electrical characteristics of In₂S₃/n-InP junctions with In₂S₃ interfacial layer obtained by chemical spray pyrolysis method**
ÇAKICI T., SAĞLAM M.
MATERIALS TODAY-PROCEEDINGS, vol.3, no.5, pp.1262-1270, 2016 (SCI-Expanded)
- XI. **Temperature dependent of electrical characteristics of Au/n-GaAs/In Schottky diode with In₂S₃ interfacial layer obtained by using spray pyrolysis method**
ÇAKICI T., GÜZELDİR B., SAĞLAM M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.646, pp.954-965, 2015 (SCI-Expanded)
- XII. **The comparison of electrical characteristics of Au/n-InP/In and Au/In₂S₃/n-InP/In junctions at room temperature**
Cakici T., Saglam M., Guzeldir B.
Materials Science and Engineering B: Solid-State Materials for Advanced Technology, vol.193, pp.61-69, 2015 (SCI-Expanded)
- XIII. **The effects of thermal annealing on the electrical characteristics of Au/n-InP/In diode**
ÇAKICI T., SAĞLAM M., GÜZELDİR B.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.28, pp.121-126, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Production and characterization of GO: Se nanoparticles produced by biosynthesis method and current-voltage characteristics of the Ag/GO: Se/p-Si device developed by using GO: Se nanoparticles**

Çakıcı T.

Avrupa Bilim ve Teknoloji Dergisi, no.17, pp.1367-1374, 2019 (Peer-Reviewed Journal)

- II. **Investigation of the effects of different thin film deposition parameters on electronic parameters of In₂S₃ n InP junctions at various temperatures**

ÇAKICI T., SAĞLAM M.

International Journal of Thales Engineering Sciences, vol.2, no.2, pp.49-55, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **THE TRENDS IN NANO MATERIALS SYNTHESIS AND APPLICATIONS 2**

Çakıcı T. (Editor)

EFE ACADEMY PUBLISHING, Erzurum, 2023

- II. **AN OVERVIEW OF BIOLOGICAL METHODS FOR REDUCING METAL SELENIDE: SE AND CU DOPPED GO NANOPARTICLES REDUCING**

Çakıcı T.

in: THE TRENDS IN NANO MATERIALS SYNTHESIS AND APPLICATIONS 2, Tuba ÇAKICI, Editor, EFE ACADEMY PUBLISHING, İstanbul, pp.7-18, 2023

- III. **THE TRENDS IN NANO MATERIALS SYNTHESIS AND APPLICATIONS**

Çakıcı T. (Editor)

EFE ACADEMY PUBLISHING, Erzurum, 2022

- IV. **NANO SYNTHESIS BY BACTERIA OF SELENIDE-BASED SEMICONDUCTOR COMPOUNDS AND DEVICE APPLICATIONS**

Çakıcı T.

in: THE TRENDS IN NANO MATERIALS SYNTHESIS AND APPLICATIONS , Tuba Çakıcı, Editor, EFE AKADEMI PUBLISHING, Erzurum, pp.99-110, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Bacterial synthesis of complex GO: Ag nanoparticles and their use as a thin film on p-Si**

ÇAKICI T., ÖZDAL M., Yıldız F.

World Congress on Applied Nanotechnology (W-CAN2021), Turkey, 24 November 2021

- II. **Bacterial Synthesis and Characterization of Metals, Chalcogenite and Chalcopyrite Nanoparticles**

Çakıcı T., Özdal M.

1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES, Erzurum, Turkey, 10 - 12 September 2021, pp.136

- III. **Temperature Dependent Electrical Characteristics of Au/In₂S₃/n-InP/In Diode**

ÇAKICI T., SAĞLAM M.

3rd International Conference on Advanced Engineering Technologies (ICADET, Bayburt, Turkey, 19 - 21 September 2019, vol.25, pp.1128-1133

- IV. **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

- V. **Complex Go: Cu: In Nanoparticles Synthesed 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

- VI. **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

VII. 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

VIII. 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

IX. 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

X. 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

XI. Microbial Green Synthesis ZnSe and CuSe NP's and Comparison of IV Characteristics' ZnSe/p-Si and CuSe/p-Si structures

ÇAKICI T., ÖZDAL M., Kundakçı M.

2nd International Congress on Semiconductor materials and Devices, Ardahan, Turkey, 21 - 30 August 2018, pp.247-256

XII. Biosynthesis of GO:SE Nanoparticles Using as Thin Films and Fabrication of Ag/GO:Se/P-Si Device Structure

ÇAKICI T., ÖZDAL M., Kundakçı M.

2nd International Congress on Semiconductor Materials and Devices, Ardahan, Turkey, 28 - 30 August 2018, pp.237-246

XIII. Investigation of Bacterial Synthesized CuSe-NPs as thin Film and CuSe/P-Si Device Application

ÇAKICI T., ÖZDAL M., SARITAŞ S., Kundakçı M.

Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.171

XIV. Microbial Synthesized GO:Se-NPs as Thin Films and GO:Se /n-Si Device Application

ÇAKICI T., ÖZDAL M., KUNDAKÇI M.

34th International Physics Conference of Turkish Physical Society, 5 - 09 September 2018

XV. Microbial Synthesized GOSe NPs as Thin Films and GOSe NPN-Si Device Application

ÇAKICI T., ÖZDAL M., Kundakçı M.

Turkish Physical Society 34th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.176

XVI. Investigation of Bacterial Synthesized CuSe-NPs as Thin Film and CuSe/p-Si Device Application

ÇAKICI T., ÖZDAL M., KUNDAKÇI M.

34th International Physics Conference of Turkish Physical Society (TFD34), 5 - 09 September 2018

XVII. Günay Merhan MUĞLU, Sevdâ SARITAŞ, Tuba ÇAKICI, Erdal TURGUT, Mutlu KUNDAKÇI, Bekir GÜRBULAK, and Muhammet YILDIRIM "Investigated Optical and Structural Characterization of Er:Fe₂O₃ and Er:Zn_xFe_{3-x}O₄ Thin Films Grown by Chemical Spray Pyrolysis" International Conference on Advanced Engineering Technologies, 21-23 September 2017, Bayburt, Özet Kitabı p. 1246.

ÇAKICI T., GÜRBULAK B., YILDIRIM M., TURGUT E.

sözlü sunum, 21 - 23 September 2017

XVIII. Investigated Optical and Structural Characterization of Al:Fe₂O₃ and Ga:Fe₂O₃ Thin Films Grown by Chemical Spray Pyrolysis" International Conference on Advanced Engineering Technologies, 21-23 September 2017, Bayburt, Özet Kitabı p. 1249.

Sarıtaş S., Yıldırım M., Gürbulak B., Çakıcı T., Turgut E., Merhan Muğlu G.

sözlü sunum, Bayburt, Turkey, 21 - 23 September 2017, pp.8-10

- XIX. Investigated Optical and Structural Characterization of Al:Fe₂O₃ and Ga:Fe₂O₃ Thin Films Grown by Chemical Spray Pyrolysis**
MERHAN MUĞLU G., SARITAŞ S., ÇAKICI T., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.
International Conference on Advanced Engineering Technologies 21-23 September 2017 Bayburt-TURKEY, 21 - 23 September 2017
- XX. Investigated Optical and Structural Characterization of Al:Fe₂O₃ and Ga:Fe₂O₃ Thin Films Grown By Chemical Spray Pyrolysis**
SARITAŞ S., ÇAKICI T., GÜNAY M. M., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.
International Conference on Advanced Engineering Technologies, 21 - 23 September 2017, pp.1418
- XXI. Investigated Optical and Structural Characterization of Al:Fe₂O₃ and Ga:Fe₂O₃ Thin Films Grown By Chemical Spray Pyrolysis**
SARITAŞ S., ÇAKICI T., GÜNAY M. M., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.
International Conference on Advanced Engineering Technologies, 21 - 23 September 2017, pp.1249
- XXII. Investigated Optical and Structural Characterization of Er:Fe₂O₃ and Er: Zn_xFe_{3-x}O₄ Thin Films Grown by Chemical Spray Pyrolysis**
GÜNAY M. M., SARITAŞ S., ÇAKICI T., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.
International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 September 2017 - 23 September 2017, pp.1417
- XXIII. Ni and Mg-doped α-Fe₂O₃ by chemical spray pyrolysis (CSP) method**
SARITAŞ S., ÇAKICI T., MERHAN MUĞLU G., KUNDAKÇI M., YILDIRIM M.
" Turkish Physical Society 33rd International Physics Congress, Bodrum /Turkey, 6 - 10 September 2017
- XXIV. INFLUENCE OF TRANSPARENT CONDUCTING THIN FILM ON ELECTRICAL PROPERTIES OF AZO/P-SI JUNCTION**
Çakıcı T., Sarıtaş S., Günay M. M.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, İzmir, Turkey, 6 - 10 September 2017, pp.314
- XXV. OPTICAL, STRUCTURAL AND ELECTRICAL PROPERTIES OF ZNO/P-SI JUNCTION**
Çakıcı T., Sarıtaş S., Merhan Muğlu G.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, İzmir, Turkey, 6 - 10 September 2017, pp.330
- XXVI. NI AND MG DOPED A-FE₂O₃ BY CHEMICAL SPRAY PYROLYSIS (CSP) METHOD**
SARITAŞ S., ÇAKICI T., GÜNAY M. M., KUNDAKÇI M., YILDIRIM M.
TÜRK FİZİK DERNEĞİ 33. ULUSLARARASI FİZİK KONGRESİ, İzmir, Turkey, 6 - 10 September 2017, pp.327
- XXVII. NI AND MG-DOPED A-FE₂O₃ BY CHEMICAL SPRAY PYROLYSIS (CSP) METHOD**
Sarıtaş S., Çakıcı T., Günay M. M., Kundakçi M., Yıldırım M.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, İzmir, Turkey, 6 - 10 September 2017, pp.327
- XXVIII. Magnetic, optical and structural characterization of ZnO:Co; ZnO:Fe thin films**
ÇAKICI T., SARITAŞ S., MUĞLU G., KUNDAKÇI M., YILDIRIM M.
2nd International Conference on Advances in Natural and Applied Sciences, ICANAS 2017, Antalya, Turkey, 18 - 21 April 2017, vol.1833
- XXIX. Magnetic, optical and structural characterization of ZnO:Co ZnO:Fe thin films**
ÇAKICI T., SARITAŞ S., GÜNAY M. M., KUNDAKÇI M., YILDIRIM M.
2nd International Conference on Advances in Natural and Applied Sciences (ICANAS2017), Antalya, Turkey, 18 - 21 April 2017
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Activities in Scientific Journals

The World of Biomedical Technology, Editor, 2021 - Continues

Scientific Refereeing

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, March 2024

Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, February 2022

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Vangölü S. Y., Kadioğlu Y., Mavi A., Çetin M., Alanyalıoğlu M., Ceyhun S. B., Ekinci D., Erat M., Karacalı T., Öznülüer Özer T., et al., World Congress on Applied Nanotechnology, Scientific Congress, Erzurum, Turkey, Kasım 2021

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Çakıcı T., Levet A., Çorapsız M. F., International Symposium on Applied Science and Engineering (ISASE-2021), Scientific Congress, Erzurum, Turkey, Nisan 2021

Çakıcı T., İspir-Pazaryolu 100th Anniversary Regional Development Workshop, Workshop Organization, Erzurum, Turkey, Ekim 2019

Scientific Research / Working Group Memberships

Prof. Dr. Selim Acar Araştırma Grubu, Gazi University, Turkey, <https://avesis.gazi.edu.tr/sacar>, 2020 - Continues

Metu Fizik Prof. Dr. Hakan Altan' Lab. , Middle East Technical University, Turkey, <https://avesis.metu.edu.tr/haltan>, 2019 - Continues

Mobility Activity

Improving Competencies and Qualifications, Guest Researcher, Gazi University, Turkey, 2021 - Continues

Metrics

Publication: 65
Citation (WoS): 77
Citation (Scopus): 81
H-Index (WoS): 6
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Congress and Symposium Activities

2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Attendee, Erzurum, Turkey, 2022
World Congress on Applied Nanotechnology (W-CAN2021), Attendee, Erzurum, Turkey, 2021
1st International Congress On Natural Sciences (ICNAS-2021), Attendee, Erzurum, Turkey, 2021
Yoğun Madde Fiziği Kongresi (YMF2021), Attendee, Ankara, Turkey, 2021
Yenilenebilir Enerji ve Enerji Verimliliği Teknik Destek Projesi (YEVEDS) kapsamında Beşinci Proje Uygulama Komitesi Toplantısı , Working Group, Berlin, Germany, 2021
34. TÜRK FİZİK DERNEĞİ KONGRESİ 2018, Session Moderator, Muğla, Turkey, 2018

Invited Talks

NDI Covid-19 Kadın Liderler Birleşiyorlar Pandemi ve Kadın, Workshop, National Democratic Institute for International Affairs (NDI), Turkey, July 2020

Scholarships

1001 TÜBİTAK PROJE BURSİYERİ , TUBITAK, 2012 - 2012

Awards

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Çakıcı T., Akbulut F., Kabanlı K., Özzel M., DAKAF 2022 ARGE PROJE YARIŞMA 1. LİK ÖDÜLÜ/ GÜNEŞİM ARABAMDA, Dakaf 2022 Arge Projeleri Düzenleme Ve Bilimsel Değerlendirme Kurulu , March 2022
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Visual Activities

Çakıcı T., Sarıtış S., The World of Biomedical Technology, Journal Publishing, 2021 - Continues

Representation and Promotion Activities

Institutional Promotion, ATATÜRK ÜNİVERSİTESİ , Turkey, Erzurum, 2022 - 2022
Institutional Promotion, İSPİR BELEDİYESİ , Turkey, Erzurum, 2021 - 2021
Institutional Promotion, ATATÜRK ÜNİVERSİTESİ , Turkey, Erzurum, 2020 - 2020

Non Academic Experience

MİLLÎ EĞİTİM BAKANLIĞI