

## Assoc. Prof. Harun GÜNEY

### Personal Information

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### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Turkey 2007 - 2012

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Turkey 2003 - 2006

Undergraduate, Ataturk University, Fen Fakültesi, Fizik, Turkey 1999 - 2003

### Dissertations

Doctorate, ZnO'xxnun seyreltilmiş manyetik yarıiletken olarak elektrokimyasal yöntemle büyütülmesi ve karakterizasyonu, Ataturk University, 2012

Postgraduate, Geniş band aralıklı ZnO'xxnun elektrokimyasal yöntemlerle tek kristal büyütülmesi, Ataturk University, 2006

### Research Areas

Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties

### Academic Titles / Tasks

Associate Professor, Ataturk University, Hınıs Meslek Yüksekokulu, Teknik Programlar, 2020 - Continues

Associate Professor, Agri Ibrahim Cecen University, Vocational School, Department Of Electricity And Energy, 2019 - 2020

Assistant Professor, Agri Ibrahim Cecen University, Vocational School, Department Of Electricity And Energy, 2013 - 2019

Assistant Professor, Agri Ibrahim Cecen University, Faculty Of Arts And Sciences, Department Of Physics, 2012 - 2013

Research Assistant, Agri Ibrahim Cecen University, Faculty Of Arts And Sciences, Department Of Physics, 2009 - 2011

### Academic and Administrative Experience

Director of Vocational School, Ataturk University, Hınıs Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikleri Bölüm, 2022 - Continues

Academic Performance D. Board Member, Ataturk University, Hınıs Meslek Yüksekokulu, Teknik Programlar, 2020 - Continues

Birim Stratejik Plan Komisyonu Üyesi, Ataturk University, Hınıs Meslek Yüksekokulu, Teknik Programlar, 2020 - Continues

Birim Kalite Komisyonu Üyesi, Ataturk University, Hınıs Meslek Yüksekokulu, Teknik Programlar, 2020 - Continues

Meslek Yüksekokulu Kurulu Üyesi, Ataturk University, Hınıs Meslek Yüksekokulu, Teknik Programlar, 2020 - Continues

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Ataturk University, Hınıs Meslek Yüksekokulu, Teknik Programlar, 2020 - Continues  
Assistant Director of Vocational School, Ataturk University, Hınıs Meslek Yüksekokulu, Teknik Programlar, 2020 - 2022  
Research Institute Director, Agri Ibrahim Cecen University, Rectorate, MERKEZİ ARAŞTIRMA VE UYGULAMA LABORATUVARI, 2017 - 2020  
Head of Department, Agri Ibrahim Cecen University, Vocational School, Department Of Electricity And Energy, 2013 - 2020

## Courses

TEMEL FİZİK, Associate Degree, 2021 - 2022  
Görme Optiği ve Refraksiyon, Associate Degree, 2020 - 2021  
Optisyenlikte Paket Program Uygulamaları, Associate Degree, 2020 - 2021  
Malzeme Bilgisi, Associate Degree, 2021 - 2022  
Bilgi ve İletişim Teknolojileri, Associate Degree, 2020 - 2021  
Bilgi ve İletişim Teknolojileri, Associate Degree, 2021 - 2022  
Geometrik Optik, Associate Degree, 2020 - 2021  
Bilgi ve İletişim Teknolojisi, Associate Degree, 2021 - 2022  
İLK YARDIM, Associate Degree, 2020 - 2021  
İlk Yardım, Associate Degree, 2020 - 2021  
İş Sağlığı ve Güvenliği, Associate Degree, 2020 - 2021

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2021  
Appointment Academic Staff, Appointment Academic Staff, Atatürk Üniversitesi, February, 2021  
Post Graduate, Post Graduate, Atatürk Üniversitesi, November, 2020  
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, July, 2020  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, July, 2020  
Doctorate, Doctorate, Atatürk Üniversitesi, July, 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A comprehensive study on SILAR grown cobalt doped CdO thin films**  
İSKENDEROĞLU D., GÜNEY H., Gulduren M. E. , Albayrak M.  
OPTİK, vol.254, 2022 (Journal Indexed in SCI)
- II. **Role of Al in engineering the optical band gap and PL emission intensity properties of CdO thin films grown by SILAR method**  
Güney H., İskenderoğlu D., Güldüren M. E. , Karadeniz S. M.  
Optical Materials, vol.123, 2022 (Journal Indexed in SCI Expanded)
- III. **Mn-doping-induced tunable bandgap and luminescence properties of SnO<sub>2</sub> nanoparticles grown by SILAR method**  
Gulduren M. E. , Taser A., GÜNEY H.  
OPTICAL MATERIALS, vol.121, 2021 (Journal Indexed in SCI)
- IV. **Fe doping effects in MgO thin films grown with SILAR technique**  
Taşer A., Güldüren M. E. , GÜNEY H.  
Materials Chemistry and Physics, vol.272, 2021 (Journal Indexed in SCI)
- V. **CdO:Ag semiconductor nanowires grown by spray method**

GÜNEY H., İSKENDEROĞLU D.

Journal of Alloys and Compounds, vol.865, 2021 (Journal Indexed in SCI)

- VI. **Tuning PL emission energy and bandgap with Ni dopant of MgO thin films**  
Taşer A., Güldüren M. E. , GÜNEY H.  
Ceramics International, vol.47, pp.15792-15800, 2021 (Journal Indexed in SCI)
- VII. **Chromium – An effective dopant for engineering the structural and the optical properties of CdO nanostructures grown by SILAR method**  
İSKENDEROĞLU D., GÜNEY H., Güldüren M. E.  
Optical Materials, vol.115, 2021 (Journal Indexed in SCI)
- VIII. **Graphene/polyaniline nanocomposite as platinum-free counter electrode material for dye-sensitized solar cell: its fabrication and photovoltaic performance**  
Bayram O., Igman E., Guney H., Demir Z., Yurtcan M. T. , Çırak Ç., Hasar U. C. , Simsek Ö.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.13, pp.10288-10297, 2020 (Journal Indexed in SCI)
- IX. **The role of cobalt doping on the optical and structural properties of Mn<sub>3</sub>O<sub>4</sub> nanostructured thin films obtained by SILAR technique**  
Bayram O., İĞMAN E., Guney H., ŞİMŞEK Ö.  
Superlattices and Microstructures, vol.128, pp.212-220, 2019 (Journal Indexed in SCI Expanded)
- X. **Effect of Mg dopant on SnO<sub>2</sub> thin films grown by spray pyrolysis technique**  
İSKENDEROĞLU D., Guney H.  
MODERN PHYSICS LETTERS B, vol.33, no.4, 2019 (Journal Indexed in SCI)
- XI. **The structural, morphological, optical and electrical properties of Pb doped CdO thin films grown by spray method**  
Guney H.  
VACUUM, vol.159, pp.261-268, 2019 (Journal Indexed in SCI)
- XII. **The effect of Zn doping on CdO thin films grown by SILAR method at room temperature**  
Guney H., İSKENDEROĞLU D.  
PHYSICA B-CONDENSED MATTER, vol.552, pp.119-123, 2019 (Journal Indexed in SCI)
- XIII. **Effect of doping concentration on the structural and optical properties of nanostructured Cu-doped Mn<sub>3</sub>O<sub>4</sub> films obtained by SILAR technique**  
Bayram O., Guney H., Ertargin M. E. , Igman E., Simsek O.  
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.124, no.9, 2018 (Journal Indexed in SCI)
- XIV. **Characterization of MgO: Cd thin films grown by SILAR method**  
Güney H., İSKENDEROĞLU D.  
CANADIAN JOURNAL OF PHYSICS, vol.96, no.7, pp.804-809, 2018 (Journal Indexed in SCI)
- XV. **Synthesis and characterization of Zn-doped Mn<sub>3</sub>O<sub>4</sub> thin films using successive ionic layer adsorption and reaction technique: Its structural, optical and wettability properties**  
Bayram O., Ertargin M. E. , Igman E., Guney H., Simsek O.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, no.11, pp.9466-9473, 2018 (Journal Indexed in SCI)
- XVI. **Effect of the number of cycles on the optical and structural properties of Mn<sub>3</sub>O<sub>4</sub> nanostructures obtained by SILAR technique**  
Bayram O., Simsek O., Guney H., Igman E., ÖZER M. M.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, no.12, pp.10542-10549, 2018 (Journal Indexed in SCI)
- XVII. **Synthesis of MgO thin films grown by SILAR technique**  
Guney H., İSKENDEROĞLU D.  
CERAMICS INTERNATIONAL, vol.44, no.7, pp.7788-7793, 2018 (Journal Indexed in SCI)
- XVIII. **Synthesis and characterization of ZnO: Ni thin films grown by spray-deposition**  
İSKENDEROĞLU D., Guney H.  
Ceramics International, vol.43, no.18, pp.16593-16599, 2017 (Journal Indexed in SCI Expanded)

- XIX. **INFLUENCE OF ANNEALING AND OPTICAL AGING ON OPTICAL AND STRUCTURAL PROPERTIES OF ZnO THIN FILMS OBTAINED BY SILAR METHOD**  
Duman C., Guney H.  
LITHUANIAN JOURNAL OF PHYSICS, vol.57, no.4, pp.218-224, 2017 (Journal Indexed in SCI)
- XX. **Characterization of DMS Zn<sub>1-x</sub>AxO (A: Fe, Ni, Co and Mn, x: 0.01, 0.02, ..., 0.1) grown by ECD method**  
Guney H., Coskun C., Meral K., Tatar D.  
Superlattices and Microstructures, vol.94, pp.178-186, 2016 (Journal Indexed in SCI Expanded)

### Articles Published in Other Journals

- I. **Effects of Cobalt Doping on the Structural, Optical, and Electrical Properties of SnO<sub>2</sub> Nanostructures Synthesized by SILAR Method**  
Güldüren M. E. , Taşer A., Güney H.  
Gazi University Journal of Science, vol.35, pp.1116-1127, 2022 (Journal Indexed in ESCI)
- II. **The Effect of Thickness Difference on the Structural Morphological and Optical Properties of CdO Films Produced with the SILAR Method at Room Temperature**  
Albayrak M., Kıyak O., Güney H.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, no.1, pp.19-29, 2022 (National Refereed University Journal)
- III. **Pb Katkısının MgO İnce Film Üzerine Etkisinin İncelenmesi**  
TAŞER A., GÜLDÜREN M. E. , GÜNEY H.  
Journal of the Institute of Science and Technology, vol.11, no.3, pp.2001-2008, 2021 (Other Refereed National Journals)
- IV. **Sol-gel Preparation of Silan based Zirconia Hybrid Thin Film**  
EVCİN A., GÜNEY H., ÇİÇEK BEZİR N.  
International Journal of Computational and Experimental Science and Engineering, vol.7, no.1, pp.9-12, 2021 (Refereed Journals of Other Institutions)
- V. **Cr Dopant Effect on MgO Thin Film Structural, Optical and Morphology Properties**  
Taşer A., Güldüren M. E. , Güney H.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.1, pp.284-291, 2021 (National Refereed University Journal)
- VI. **Sol-gel Preparation of Silane-based Titania Hybrid Composite Thin Film**  
EVCİN A., GÜNEY H., ÇİÇEK BEZİR N.  
International Journal of Computational and Experimental Science and Engineering, vol.7, no.1, pp.25-28, 2021 (Refereed Journals of Other Institutions)
- VII. **Cr Katkısının MgO İnce Filmin Yapısal, Optik ve Morfolojik Özelliklerinin Üzerine Etkisi**  
TAŞER A., GÜLDÜREN M. E. , GÜNEY H.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.1, pp.284-291, 2021 (Other Refereed National Journals)
- VIII. **SILAR Yöntemi İle Oda Sıcaklığında Üretilen CdO Filmlerinin Yapısal Morfolojik ve Optik Özelliklerine pH Değişiminin Etkisi**  
ALBAYRAK M., KIYAK O., GÜNEY H.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.4, pp.2079-2087, 2019 (Refereed Journals of Other Institutions)
- IX. **CdO:Ag İnce Filmlerinin SILAR Tekniği İle Büyütülmesi ve Karakterizasyonu**  
İSKENDEROĞLU D., GÜNEY H.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.1, pp.128-135, 2018 (Other Refereed National Journals)
- X. **SILAR yöntemi ile büyütülen katkısız ve Zn katkılı CdO yarıiletken ince filmlerinin yapısal, optik ve morfolojik özelliklerinin incelenmesi**  
GÜNEY H., İSKENDEROĞLU D.

- XI. **Effective Annealing of ZnO Thin Films Grown by Electrochemical Deposition Technique**  
COŞKUN C., GÜNEY H., GÜR E., TÜZEMEN S.

Turkish Journal of Physics, vol.33, pp.49-56, 2009 (Journal Indexed in ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Investigating Zn Dopant Effect on MgO Thin Film Grown by USP Method**  
Sağlam H. K., İskenderoğlu D., Güldüren M. E., Güney H., Ertuğrul M.  
ICOLES 2022, Antalya, Turkey, 19 - 22 May 2022, pp.50
- II. **How Effect Fe Dopant on CuO Thin Film Grown by USP Method**  
Güney H., İskenderoğlu D., Güldüren M. E., Morkoç Karadeniz S.  
5 th INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Antalya, Turkey, 19 - 22 May 2022, pp.9
- III. **Development of Nanosensor by Electrochemical Method Using Sodium Doped Iron Oxide Films**  
Gündüz S., Alaylı Güngör A., Nadaroğlu H., Güney H., Çoban Ö.  
World Congress on Applied Nanotechnology, Erzurum, Turkey, 24 - 26 November 2021, pp.76
- IV. **Ag Dopant Effect On CuO Thin Films Grown By Spray Pyrolysis Method**  
İSKENDEROĞLU D., GÜNEY H., MORKOÇ KARADENİZ S., GÜLDÜREN M. E.  
WORLD CONGRESS ON APPLIED NANOTECHNOLOGY, Erzurum, Turkey, 24 November 2021
- V. **Growth And Characterization Of FeO Thin Films Grown By Spray Pyrolysis Method**  
İSKENDEROĞLU D., GÜNEY H., GÜLDÜREN M. E., MORKOÇ KARADENİZ S.  
World Congress on Applied Nanotechnology (W-CAN), Erzurum, Turkey, 24 November 2021
- VI. **Ag Dopant Effect On CuO Thin Films Grown By Spray Pyrolysis Method**  
İSKENDEROĞLU D., GÜNEY H., GÜLDÜREN M. E., MORKOÇ KARADENİZ S.  
World Congress on Applied Nanotechnology (W-CAN), Erzurum, Turkey, 24 November 2021
- VII. **Growth And Characterization Of NiO Thin Films Grown By Spray Pyrolysis**  
GÜLDÜREN M. E., GÜNEY H., İSKENDEROĞLU D., MORKOÇ KARADENİZ S.  
5th International Conference on Advances in Natural and Applied Sciences, Ağrı, Turkey, 21 - 23 September 2021
- VIII. **Cd Dopant Effect on NiO Thin Films Grown by Spray Pyrolysis Method**  
GÜLDÜREN M. E., GÜNEY H., İSKENDEROĞLU D., MORKOÇ KARADENİZ S.  
5th International Conference on Advances in Natural and Applied Sciences, Ağrı, Turkey, 21 - 23 September 2021
- IX. **IMPURITY CONCENTRATION DEPENDENT MODIFICATIONS IN RUTILE TYPE METAL OXIDE SEMICONDUCTOR NANOCCLUSERS FOR PHOTONIC APPLICATIONS**  
GÜLDÜREN M. E., TAŞER A., GÜNEY H.  
IMASCON\_2021\_SPRING, Turkey, 21 May 2021
- X. **OPTICAL TUNABILITY OF DEFECT ASSISTED DILUTE MAGNETIC SEMICONDUCTOR NANOCRYSTALLITES PRODUCED BY COST-EFFECTIVE SILAR METHOD**  
GÜLDÜREN M. E., TAŞER A., GÜNEY H.  
IMASCON\_2021\_SPRING, Turkey, 21 May 2021
- XI. **Structural and optical studies on pure and transition metal doped SnO<sub>2</sub> nanoparticle thin films prepared by successive ionic layer adsorption techniques**  
GÜLDÜREN M. E., TAŞER A., GÜNEY H.  
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), Turkey, 7 - 09 October 2020
- XII. **Synthesis and analysis of cassiterite SnO<sub>2</sub> nanocomposite thin films deposited by SILAR method from SnCl<sub>2</sub> precursor**  
GÜLDÜREN M. E., TAŞER A., GÜNEY H.  
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), Turkey, 7 - 09 October 2020

- XIII. **Analysis and Experiments on Bonding Trends of Pb Nanostructures on Nucleation of MgO Thin Films during SILAR Assisted Depositon**  
GÜLDÜREN M. E. , TAŞER A., GÜNEY H.  
The 3rd International Conference on Physical Chemistry and Functional Materials (PCFM-2020), Turkey, 22 - 24 September 2020
- XIV. **Investigation of the Influence of Cr Doping Concentration on MgO Nano-Coatings Formed with Successive Ionic Layer Adsorption and Reaction (SILAR) Method**  
GÜLDÜREN M. E. , TAŞER A., GÜNEY H.  
The 3rd International Conference on Physical Chemistry and Functional Materials (PCFM-2020), Turkey, 22 - 24 September 2020
- XV. **Characterization of nanocrystalline SnO<sub>2</sub> thin film fabricated by Successive Ionic Layer Adsorption and Reaction (SILAR) technique for solar cell application**  
GÜLDÜREN M. E. , TAŞER A., GÜNEY H.  
TÜRK FİZİK DERNEĞİ 36.ULUSLARARASI FİZİK KONGRESİ, 1 - 05 September 2020
- XVI. **SnO<sub>2</sub> Thin Films Prepared by Successive Ionic Layer Adsorption and Reaction (SILAR) technique**  
GÜLDÜREN M. E. , TAŞER A., GÜNEY H.  
TÜRK FİZİK DERNEĞİ 36.ULUSLARARASI FİZİK KONGRESİ, 1 - 05 September 2020
- XVII. **Preparation of Silan based Titania Hybrid Composite Thin Film**  
EVCİN A., GÜNEY H., ÇİÇEK BEZİR N.  
6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019), Kemer, Turkey, 23 - 27 October 2019
- XVIII. **Preparation of Silan based Zirconia Hybrid Composite Thin Film**  
EVCİN A., GÜNEY H., ÇİÇEK BEZİR N.  
6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019), Kemer, Turkey, 23 - 27 October 2019
- XIX. **Mg-dopant effect on Mn<sub>3</sub>O<sub>4</sub> thin films grown by SILAR**  
ALBAYRAK M., GÜNEY H.  
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES ., 19 - 21 June 2019
- XX. **The effect of Pb-dopant on hausmannite Mn<sub>3</sub>O<sub>4</sub> grown by SILAR**  
ALBAYRAK M., GÜNEY H.  
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES ., 19 - 21 June 2019
- XXI. **Investigation of Pb Dopant Effect on CdO**  
GÜNEY H.  
INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, Ağrı, Turkey, 19 - 21 June 2019
- XXII. **Cr-dopant effect on CdO thin films**  
TATAR D., GÜNEY H.  
International International Symposium on Applied Sciences and Engineering (ISASE2018), Erzurum, Turkey, 26 - 28 November 2018
- XXIII. **Al-dopant effect on CdO thin films**  
GÜNEY H., TATAR D.  
ICSMD-2018, 28 - 30 August 2018
- XXIV. **Ni-dopant effect on Hausmannite Mn<sub>3</sub>O<sub>4</sub> grown by SILAR**  
GÜNEY H.  
ICANAS'xx18, 9 - 12 May 2018
- XXV. **Investigating on Sr-doped CdO thin films**  
GÜNEY H., TATAR D.  
ICANAS'xx18, 9 - 12 May 2018
- XXVI. **Katkısız ve Ni Katkılı ZnO İnce Filmlerin Yapısal Karakterizasyonu**  
TATAR D., GÜNEY H.  
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23

September 2017

- XXVII. **SILAR Yöntemi ile Büyütülen Mg(OH)<sub>2</sub> Yapısının Tavlama Etkisi ile MgO Yapısına Dönüşümünün İncelenmesi**  
TATAR D., GÜNEY H.  
International Conference on Advanced Engineering Technologies, 21 - 23 October 2017, pp.1585
- XXVIII. **SILAR Yöntemi ile Büyütülen Mg(OH)<sub>2</sub> Yapısının Tavlama Etkisi ile MgO Yapısına Dönüşümünün İncelenmesi**  
İSKENDEROĞLU D., GÜNEY H.  
II. International Conference on Advanced Engineering Technologies, 21 - 23 October 2017, pp.1585
- XXIX. **Characterization of MgO: Cd thin films grown by SILAR method**  
GÜNEY H., TATAR D.  
TÜRK FİZİK DERNEĞİ 33. ULUSLARARASI FİZİK KONFERANSI, Muğla, Turkey, 6 - 10 September 2017
- XXX. **The effect of Mg doping on SnO<sub>2</sub> thin films grown by spray pyrolysis technique**  
GÜNEY H., TATAR D.  
TÜRK FİZİK DERNEĞİ 33. ULUSLARARASI FİZİK KONFERANSI, Muğla, Turkey, 6 - 10 September 2017
- XXXI. **Effect of Cu:Sn ratio on the structural and optical properties of Cu<sub>2</sub>SnS<sub>3</sub> thin films grown by SILAR method**  
ASTAM A., GÜNEY H.  
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017
- XXXII. **Annealing Effect on Optical Properties of Growth CdO by SILAR method**  
GÜNEY H.  
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, 18 - 21 April 2017
- XXXIII. **Influence of Te and Se doping on ZnO films growth by SILAR method**  
GÜNEY H., DUMAN Ç.  
International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, Turkey, 20 - 23 April 2016, pp.201221
- XXXIV. **Optical properties of Cd doped ZnO nanostructures prepared by successive ionic layer adsorption and reaction SILAR method**  
ERTARĞIN M. E. , GÜNEY H.  
NANOTR 11, Turkey, 22 - 24 June 2015
- XXXV. **Annealing affect to the optical properties of Cu doped ZnO nanostructures prepared by successive ionic layer adsorption and reaction SILAR method**  
GÜNEY H., ERTARĞIN M. E.  
NANOTR 11, Turkey, 22 - 25 June 2015
- XXXVI. **Zn<sub>1-x</sub>AxO A Ni Mn yarıiletkeninin elektrokimyasal yöntemle büyütülmesi ve karakterizasyonu**  
GÜNEY H., COŞKUN C., MERAL K.  
TFD 30. Uluslar Arası Fizik Kongresi, İstanbul, Turkey, 2 - 05 September 2013
- XXXVII. **ZnO Yarıiletkeninin CuCl<sub>2</sub> Katkılanarak Elektrokimyasal Olarak Büyütülmesi**  
GÜNEY H., ASIL UĞURLU H., ÇINAR DEMİR K., GÜR E., COŞKUN C.  
TFD 26. Uluslar Arası Fizik Kongresi, Bodrum, Turkey, 24 - 27 September 2009, pp.447

## Supported Projects

İğman E., Bayram Ö., Güney H., Project Supported by Higher Education Institutions, Grafen ve polimer tabakalı kuantum nokta duyarlı güneş pillerinin üretimi ve fabrikasyonu, 2019 - 2021

Aygün B., Güney H., Project Supported by Higher Education Institutions, Karbon Fiber İle Güçlendirilmiş Metal Oksit Katkılı Epoksi Reçinesi Tabanlı Nötron ve Gama Radyasyon Zırhlı Yeni Kompozit Malzemelerin Tasarlanması ve Üretilmesi, 2018 - 2019

Duman Ç., Güney H., Project Supported by Higher Education Institutions, SILAR yöntemi ile büyütülen ZnO ince filmlerinin güneş pili uygulamaları, 2017 - 2019

Güney H., İskenderoğlu D., Project Supported by Higher Education Institutions, CdO yarıiletkeninin SILAR yöntemi ile katkılı olarak büyütülmesi ve incelenmesi, 2017 - 2017

Yalçın M., Güney H., Project Supported by Higher Education Institutions, Farklı Metallerin Korozyonu Üzerine Çeşitli Organik İnhibitörlerin Etkisinin İncelenmesi, 2015 - 2016

Güney H., Project Supported by Higher Education Institutions, Bilgisayar Kontrollü SILAR Yöntemi ile ZnSO Yarıiletkeninin Farklı Altlıklar Üzerine Büyütülüp İncelenmesi, 2014 - 2016

Yalçın M., Güney H., Project Supported by Higher Education Institutions, Çinko ve Çelik Metallerinin Korozyonu Üzerine Çeşitli Organik İnhibitörlerin Etkisinin İncelenmesi, 2014 - 2016

Güney H., Project Supported by Higher Education Institutions, Bilgisayar Kontrollü SILAR Yöntemi ile Katkılı ZnAO A Se Te Yarıiletkeninin Büyütülüp İncelenmesi, 2013 - 2015

## Activities in Scientific Journals

Journal of the Institute of Science and Technology, Editor, 2022 - Continues

## Scientific Refereeing

CERAMICS INTERNATIONAL, SCI Journal, December 2021

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, November 2021

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, September 2021

JOURNAL OF PHYSICS-CONDENSED MATTER, SCI Journal, August 2021

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