

## Doç.Dr. ADİL GÜLER

### Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AAA-7225-2019

ScopusID: 1929448

Yoksis Araştırmacı ID: 186446



### Eğitim Bilgileri

Yüksek Lisans, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1995 - 2002

### Yaptığı Tezler

Doktora, Demir bazlı seramik süperiletkenlerin hazırlanması ve karakterizasyonu, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, 2014

Yüksek Lisans, CuMn ve CuMnPd alaşımlarında elektriksel direnç, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2002

### Araştırma Alanları

Fizik, Temel Bilimler

### Akademik Unvanlar / Görevler

Doç.Dr., Marmara Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 2021 - Devam Ediyor

### Verdiği Dersler

Proje Geliştirme ve Yönetimi II, Lisans, 2019 - 2020

Matematik II, Lisans, 2019 - 2020

Elektronik Devre Elemanları, Lisans, 2019 - 2020, 2018 - 2019

Bilgisayar Öğretim Teknolojilerinde Fizik II, Lisans, 2019 - 2020

Bilgisayar Matematiği II, Lisans, 2019 - 2020

Bilişim ve Matematik, Lisans, 2019 - 2020

BİLGİSAYAR I, Lisans, 2019 - 2020

matematik I, Lisans, 2019 - 2020, 2018 - 2019

Bilgisayar I, Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2014 - 2015

Bilgisayar ve Öğretim Teknolojileri Eğitiminde Okul Deneyimi, Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2014 - 2015  
Bilgisayar Matematiği I, Lisans, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Bilim ve Teknoloji Tarihi, Lisans, 2018 - 2019, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Bilgisayar Öğretim Teknolojilerinde Fizik I, Lisans, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
FİZİK I, Lisans, 2013 - 2014  
Programlama Dilleri II, Lisans, 2010 - 2011

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Short-Range Magnetic Order at Low Temperatures, Exchange Bias, and Negative Magnetization in Undoped CuCrO<sub>2</sub>**  
BOYRAZ C., Aksu P., GÜLER A., Oner Y., Fujioka M.  
Journal of Electronic Materials, cilt.52, sa.7, ss.4822-4840, 2023 (SCI-Expanded)
- II. **Superconductivity and magnetism in a novel La<sub>0.85</sub>Ga<sub>0.15</sub>FeAsO compound**  
Boyraz C., Aksu P., Guler A., Oner Y.  
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.603, 2022 (SCI-Expanded)
- III. **The Investigation of Effect of Defects on the Structural, Optical, and Magnetic Properties of CuAlO<sub>2</sub>**  
BOYRAZ C., GÜLER A., Karataş Ö., Aksu P., Alphan M. C., Arda L.  
Acta Physica Polonica A, cilt.142, sa.4, ss.464-472, 2022 (SCI-Expanded)
- IV. **Domain structure effect on the superconductivity of BaFePtAs<sub>2</sub>**  
Öner Y., BOYRAZ C., GÜLER A.  
Physica C: Superconductivity and its Applications, cilt.574, 2020 (SCI-Expanded)
- V. **Structural and ESR studies of Cu-doped ZnO nanostructures**  
GÜLER A.  
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, cilt.17, sa.3, ss.1490-1497, 2020 (SCI-Expanded)
- VI. **Preparation Structure and Magnetic Properties of Mn-Doped ZnO Nanoparticles Prepared by Hydrothermal Method**  
DEMİRÖZÜ ŞENOL S., GÜLER A., BOYRAZ C., ARDA L.  
Journal Of Superconductivity And Novel Magnetism, 2019 (SCI-Expanded)
- VII. **Electronic, transport, and magnetic properties of (Ca, Ba)<sub>(0.9)</sub>La<sub>0.1</sub>Fe<sub>1.9</sub>Pt<sub>0.1</sub>As<sub>2</sub> compounds**  
Guler A., Boyraz C., Avci S., Arda L., Ozdemir M., Oner Y.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.33, sa.4, 2019 (SCI-Expanded)
- VIII. **The annealing effect on microstructure and ESR properties of (Cu/Ni) co-doped ZnO nanoparticles**  
Guler A., Arda L., Dogan N., Boyraz C., Ozugurlu E.  
CERAMICS INTERNATIONAL, cilt.45, sa.2, ss.1737-1745, 2019 (SCI-Expanded)
- IX. **Thermoelectric properties and EPR analysis of Fe doped Cu<sub>12</sub>Sb<sub>4</sub>S<sub>13</sub>**  
Guler A., Ballikaya S., Boyraz C., Okay C., Shulgin D., Rameev B.  
JOURNAL OF SOLID STATE CHEMISTRY, cilt.269, ss.547-552, 2019 (SCI-Expanded)
- X. **Effect of Annealing Temperature on Structure and Magnetic Properties of Zn<sub>0.94</sub>Mg<sub>0.01</sub>Mn<sub>0.05</sub>O Nanoparticles**  
GÜLER A., tosun m., GÜNGÖR A., BOYRAZ C., ARDA L.  
Journal Of Superconductivity And Novel Magnetism, 2019 (SCI-Expanded)
- XI. **Synthesis characterization of tetrahedrite compounds for thermoelectric applications**  
GÜLER A., BOYRAZ C., Shulgin D., Mozhukhin G., Rameev B.  
IEEE Transactions On Magnetism, 2019 (SCI-Expanded)
- XII. **Electronic, Transport, and Magnetic Properties of La-Doped Ba (1-x) Fe (1.9) Pt (0.1) As (2) (x=0, 0.4, 0.6, 0.8) Compounds**  
Boyraz C., Guler A., Oner Y.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.31, sa.1, ss.47-53, 2018 (SCI-Expanded)

- XIII. **The Pt Dopant Effect on Physical Properties of Ba<sub>0.2</sub>La<sub>0.8</sub>Fe<sub>2</sub>As<sub>2</sub>**  
GÜLER A., BOYRAZ C.  
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- XIV. **Structural and Superconductivity Properties of BaFe<sub>2</sub>-xPt<sub>x</sub>As<sub>2</sub>**  
Boyraz C., Guler A., Ozdemir M., Oner Y.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.30, ss.1145-1151, 2017 (SCI-Expanded)
- XV. **Thermoelectric and Magnetic Properties of Pt-Substituted BaFe<sub>4</sub>-xPt<sub>x</sub>Sb<sub>12</sub> Compounds**  
Sertkol M., Ballikaya S., Aydogdu F., GÜLER A., ÖZDEMİR M., Oner Y.  
JOURNAL OF ELECTRONIC MATERIALS, cilt.46, sa.1, ss.73-78, 2017 (SCI-Expanded)
- XVI. **Superconductivity in Pt- and La-Doped BaFe<sub>2</sub>As<sub>2</sub> Compounds Prepared by Solid-State Reaction**  
Guler A., Sertkol M., Saribaev L., Ozdemir M., Oner Y., Ross J. H.  
IEEE TRANSACTIONS ON MAGNETICS, cilt.51, sa.11, 2015 (SCI-Expanded)
- XVII. **Evidence of a Griffiths phase in a mixed compound of YFe<sub>2</sub> and YFe<sub>3</sub>**  
Oner Y., Guler A.  
JOURNAL OF APPLIED PHYSICS, cilt.113, sa.17, 2013 (SCI-Expanded)

### **Diğer Dergilerde Yayınlanan Makaleler**

- I. **The concentration effects on structural and magnetic properties of Fe<sub>2</sub>V<sub>1-x</sub>Mn<sub>x</sub>Ge Heusler alloys**  
Boyraz C., Guler A., Aksu P., Arda L.  
SN APPLIED SCIENCES, cilt.4, sa.7, 2022 (ESCI)
- II. **The effect of defects formed under pressure on CuCrO<sub>2</sub> delafossite**  
Boyraz C., Aksu P., Guler A., Arda L.  
SN APPLIED SCIENCES, cilt.4, sa.7, 2022 (ESCI)
- III. **Tb katkılı ZnO nanoçubukların yapı, mikroyapı ve optik özellikleri**  
GÜLER A.  
International Journal of Advances in Engineering and Pure Sciences, cilt.32, sa.2, ss.185-191, 2020 (Hakemli Dergi)
- IV. **Structure, Microstructure, and Optical Properties of Tb Doped ZnO Nanorods**  
Güler A.  
International Journal of Advances in Engineering and Pure Sciences, cilt.32, sa.2, ss.185-191, 2020 (Hakemli Dergi)
- V. **Zn<sub>0.96</sub>Cu<sub>0.01</sub>Ni<sub>0.03</sub>O nanoparçacıkların yapısal ve manyetik özellikleri**  
Güler A.  
International Journal of Advances in Engineering and Pure Sciences, cilt.31, sa.3, ss.255-260, 2019 (Hakemli Dergi)

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **INVESTIGATION OF PHYSICAL PROPERTIES OF EU<sub>3</sub> DOPED COLUMBITE CDNB<sub>2</sub>O<sub>6</sub> POWDERS**  
GÜLER A., BOYRAZ C., EKMEKÇİ M. K.  
ICAPM 2019 MADRID, 22 - 23 Kasım 2019
- II. **Preparation, growth, and optical properties of (Cu/Co)co-doped ZnO thin films**  
AKCAN D., YALÇIN B., ŞENTÜRK K., yalçın i. e., ALPHAN M. C., GÜLER A., BOYRAZ C., ARDA L.  
ICCMMS-2019, 14 - 19 Ekim 2019
- III. **Cr/Co çift katkılı ZnO İnce Filmlerin, Hazırlama, Büyütme, Mikroyapı ve Optik Özellikleri**  
GÜLER A., BOYRAZ C., ARDA L.  
3RD INTERNATIONAL MULTIDISCIPLINARY STUDIES CONGRESS, 5 - 06 Ekim 2018
- IV. **Co, Ni, AND Fe ION EFFECTS ON PARENT TETRAHEDRITE COMPOUND**  
GÜLER A., BOYRAZ C., ARDA L., RAMİ B.  
ICSM 2018, 29 - 30 Nisan 2018
- V. **Preparation, Growth, Microstructure, and Optical Properties of Nonvacuum Y doped ZnO Thin films.**

BOYRAZ C., GÜLER A., ARDA L.

1 st international Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 Kasım 2017

- VI. **Magnetic and Superconductivity properties of Calsium and Barium doped  $\text{La}_{0.1}\text{Fe}_{1.9}\text{Pt}_{0.1}\text{As}_2$  Parent Compound**  
GÜLER A., BOYRAZ C., ÖNER Y.  
7 th annual world congress of science and technology-2017, 24 - 26 Kasım 2017
- VII. **Process, characterization and ESR properties of 3d transition ion doped-tetrahedrite compounds”,**  
Boyraz C., Güler A., Okay C., Shullgin D., Mozzhukhin G., Rami B.  
1International Conference on Magnetism and Magnetic Materials London/UK., Kharkiv, Ukrayna, 9 - 10 Kasım 2017
- VIII. **Physical Properties of Fe doped  $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$**   
GÜLER A., BOYRAZ C., OKAY C., RAMİ B.  
1 st international Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 Kasım 2017
- IX. **PHYSICAL PROPERTIES OF Fe DOPED  $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$**   
GÜLER A., BOYRAZ C., OKAY C., bulat r.  
ISMSIT2017, 2 - 04 Kasım 2017
- X. **Magnetic and Superconductivity Properties of Calcium and Barium Soped  $\text{La}_{0.1}\text{Fe}_{1.9}\text{Pt}_{0.1}\text{As}_2$  Parent Compounds**  
GÜLER A., BOYRAZ C., ÖNER Y.  
NANO StT Annual World Congress of Nano Science and Technology 2017, 24 - 26 Ekim 2017
- XI. **Magnetic and superconductivity properties of Calsium and Barium doped  $\text{La}_{0.1}\text{Pt}_{1.9}\text{Fe}_{0.1}\text{As}_2$  parent compounds**  
GÜLER A., BOYRAZ C., ÖNER Y.  
7 th annual world conference on nanotechnoogy 2017, 24 - 26 Ekim 2017
- XII. **Preparation, Growth and Magnetic Properties of NonvacuumMg doped  $\text{ZnMnO}$  Diluted Magnetic Semiconductors Nanoparticles**  
GÜLER A., BOYRAZ C., DOĞAN BİNGÖLBALİ N., ARDA L.  
INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND MATERIAL SCIENCES, 11 - 15 Ekim 2017
- XIII. **PREPARATION GROWTH AND MAGNETIC PROPERTIES OF NONVACUMMED Mg doped  $\text{ZnMnO}$  DILUTE MAGNETIC SEMICONDUCTORS**  
GÜLER A., BOYRAZ C., DOĞAN BİNGÖLBALİ N., ARDA L.  
ICCCMMS 2017, 11 - 15 Ekim 2017
- XIV. **Preparation, Growth, and Magnetic Properties of Nonvacuum Mg Doped Diluted Magnetic Semiconductors Nanoparticles**  
GÜLER A., BOYRAZ C., DOĞAN BİNGÖLBALİ N., ARDA L.  
International Conference on Condensed Matter and Materials Science, 11 - 15 Ekim 2017
- XV. **Process, characterization and ESR propertes of 3d transition ion doped teteahedrite compounds**  
GÜLER A., BOYRAZ C., rameev b., OKAY C.  
Magnetic Materials 2017, 9 - 10 Ekim 2017
- XVI. **Process, characterization and ESR properties of 3d transition ion doped-tetrahedrite compounds**  
BOYRAZ C., GÜLER A., OKAY C., shulgin d., MOZZHUKHIN G., RAMİ B.  
Magnetism and Magnetic Materials, 9 - 10 Ekim 2017
- XVII. **Physical Properties of Fe doped  $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$**   
GÜLER A., BOYRAZ C., OKAY C., RAMİ B.  
1st International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT 2017) Tokat / Turkey., 2 - 04 Ekim 2017
- XVIII. **Physical Properties of  $\text{Eu}_3$  Doped Columbite  $\text{CdNb}_2\text{O}_6$  Powders**  
BOYRAZ C., GÜLER A., TOPKAYA R., EKMEKÇİ M. K.  
10 th international conference on magnetism and superconductivity MSM 2017, 18 - 21 Eylül 2017
- XIX. **Synthesis Characterization of TetrahedriteCompounds for Thermoelectric Applications**  
GÜLER A., BOYRAZ C., SHULGİN D., MOZZHUKHIN G., RAMİ B.

The 9th International Kharkiv Symposium on Physics and engineering of Microwaves, Milimeter and Submilimeter Waves, 20 - 24 Haziran 2016

- XX. **EPR Studies of Tetrahedrite Doped by 3d Transition Ions**  
GÜLER A., OKAY C., BOYRAZ C., RAMAEEV B.  
NANOTR 12, Türkiye, 3 - 05 Haziran 2016
- XXI. **Magnetic properties of tetrahedrite Cu<sub>12</sub> xMxSb<sub>4</sub>S<sub>13</sub> M Au Fe Mn**  
GÜLER A., BOYRAZ C., RAMEEV B.  
NANOTR 12, Türkiye, 3 - 05 Haziran 2016
- XXII. **EPR Studies of 3d transition ions doped tetrahedrite 3 5 Haziran 2016**  
GÜLER A., OKAY C., Shulgin d., BOYRAZ C., şen a., RAMİ B.  
12th International Nanoscience and Nanotechnology Conference (NanoTR-12), Elite Hotel Darıca Kocaeli/Turkey., Türkiye, 3 - 05 Haziran 2016
- XXIII. **CHARACTERIZATION OF TETRAHEDRITE COMPOUNDS DOPED BY 3d TRANSITION IONS**  
BOYRAZ C., GÜLER A., ARDA L., RAMİ B.  
ICSM 2018, 29 - 30 Nisan 2016
- XXIV. **COEXISTENCE OF MAGNETISM AND SUPERCONDUCTIVITY IN Pt DOPED BaFe<sub>2</sub>As<sub>2</sub> COMPOUND**  
GÜLER A., BOYRAZ C., ÖZDEMİR M., ÖNER Y.  
ICSM 2016, 24 - 30 Nisan 2016
- XXV. **EFFECT OF PLATINUM ON MAGNETIC AND SUPERCONDUCTIVITY PROPERTIES OF Ba<sub>0.2</sub>La<sub>0.8</sub>Fe<sub>2</sub>-xPt<sub>x</sub>As<sub>2</sub> NANOPOWDERS**  
GÜLER A., BOYRAZ C.  
ICSM 2016, 24 - 30 Nisan 2016
- XXVI. **A simple approach to count and track underwater fishes from videos**  
Sharif M. H., Galip F., GÜLER A., Uyaver S.  
18th International Conference on Computer and Information Technology (ICCIT), Dhaka, Bangladeş, 21 - 23 Aralık 2015, ss.347-352
- XXVII. **A novel approach to obtain trajectories of targets from laser scanned datasets**  
Galip F., Caputcu M., Inan R. H., Sharif M. H., Karabayir A., Kaplan S., ÖZUYSAL M., ŞENGÖZ B., GÜLER A., Uyaver S.  
18th International Conference on Computer and Information Technology (ICCIT), Dhaka, Bangladeş, 21 - 23 Aralık 2015, ss.231-236
- XXVIII. **Monitoring System for Drivers of Heavy Vehicles**  
haidar s., GALİP F., selime ö., UYAYER Ş., GÜLER A.  
The International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Kıbrıs (Kktc), 4 - 06 Kasım 2015

## Bilirkişi Raporları

- I. **1. fikri ve sınai haklar hukuk mahkemesi hakimiğine bilirkişi heyeti raporu**  
Güler A.  
istanbul, 1. fikri ve sınai haklar hukuk mahkemesi, ss.8, İstanbul, 2015

## Akademik Dolaşım Faaliyetleri

Doktora Sonrası Araştırma, Doktora Sonrası Araştırma, Alabama A&M University, Amerika Birleşik Devletleri, 2016 - 2016

Diğer, Çalıştay, Oklahoma State University, Amerika Birleşik Devletleri, 2013 - 2013

## Metrikler

Yayın: 51

Atıf (WoS): 105

Atıf (Scopus): 85

H-İndeks (WoS): 6

H-İndeks (Scopus): 6

## **Davetli Konuşmalar**

İksir, Çalıştay, Din işleri yüksek kurulu, Türkiye, Ekim 2022