

Assoc. Prof. ADİL GÜLER

Personal Information

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International Researcher IDs

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

ScopusID: 1929448

Yoksis Researcher ID: 186446



Education Information

Postgraduate, Marmara University, Faculty of Arts and Sciences, Physics, Turkey 1995 - 2002

Dissertations

Doctorate, Demir bazlı seramik süperiletkenlerin hazırlanması ve karakterizasyonu, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Physics, 2014

Postgraduate, CuMn ve CuMnPd alaşımlarında elektriksel direnç, Marmara Üniversitesi, Faculty of Arts and Sciences, Physics, 2002

Research Areas

Physics, Natural Sciences

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Engineering, Electrical and Electronics Engineering, 2021 - Continues

Courses

Proje Geliştirme ve Yönetimi II, Undergraduate, 2019 - 2020

Matematik II, Undergraduate, 2019 - 2020

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

Bilgisayar Öğretim Teknolojilerinde Fizik II, Undergraduate, 2019 - 2020

Bilgisayar Matematiği II, Undergraduate, 2019 - 2020

Bilişim ve Matematik, Undergraduate, 2019 - 2020

BİLGİSAYAR I, Undergraduate, 2019 - 2020

matematik I, Undergraduate, 2019 - 2020, 2018 - 2019

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

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Short-Range Magnetic Order at Low Temperatures, Exchange Bias, and Negative Magnetization in Undoped CuCrO₂**
BOYRAZ C., Aksu P., GÜLER A., Oner Y., Fujioka M.
Journal of Electronic Materials, vol.52, no.7, pp.4822-4840, 2023 (SCI-Expanded)
- II. **Superconductivity and magnetism in a novel La_{0.85}Ga_{0.15}FeAsO compound**
Boyraz C., Aksu P., Guler A., Oner Y.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.603, 2022 (SCI-Expanded)
- III. **The Investigation of Effect of Defects on the Structural, Optical, and Magnetic Properties of CuAlO₂**
BOYRAZ C., GÜLER A., Karataş Ö., Aksu P., Alphan M. C., Arda L.
Acta Physica Polonica A, vol.142, no.4, pp.464-472, 2022 (SCI-Expanded)
- IV. **Domain structure effect on the superconductivity of BaFePtAs₂**
Öner Y., BOYRAZ C., GÜLER A.
Physica C: Superconductivity and its Applications, vol.574, 2020 (SCI-Expanded)
- V. **Structural and ESR studies of Cu-doped ZnO nanostructures**
GÜLER A.
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, vol.17, no.3, pp.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)_(0.9)La_{0.1}Fe_{1.9}Pt_{0.1}As₂ compounds**
Guler A., Boyraz C., Avci S., Arda L., Ozdemir M., Oner Y.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.33, no.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, vol.45, no.2, pp.1737-1745, 2019 (SCI-Expanded)
- IX. **Thermoelectric properties and EPR analysis of Fe doped Cu₁₂Sb₄As₁₃**
Guler A., Ballikaya S., Boyraz C., Okay C., Shulgin D., Rameev B.
JOURNAL OF SOLID STATE CHEMISTRY, vol.269, pp.547-552, 2019 (SCI-Expanded)
- X. **Effect of Annealing Temperature on Structure and Magnetic Properties of Zn_{0.94}Mg_{0.01}Mn_{0.05}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., Mozzhukhin 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, vol.31, no.1, pp.47-53, 2018 (SCI-Expanded)
- XIII. **The Pt Dopant Effect on Physical Properties of Ba_{0.2}La_{0.8}Fe₂As₂**
GÜLER A., BOYRAZ C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.11, pp.3285-3288, 2017 (SCI-Expanded)
- XIV. **Structural and Superconductivity Properties of BaFe₂-xPt_xAs₂**
Boyraz C., Guler A., Ozdemir M., Oner Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, pp.1145-1151, 2017 (SCI-Expanded)
- XV. **Thermoelectric and Magnetic Properties of Pt-Substituted BaFe₄-xPt_xSb₁₂ Compounds**
Sertkol M., Ballikaya S., Aydogdu F., GÜLER A., ÖZDEMİR M., Oner Y.
JOURNAL OF ELECTRONIC MATERIALS, vol.46, no.1, pp.73-78, 2017 (SCI-Expanded)
- XVI. **Superconductivity in Pt- and La-Doped BaFe₂As₂ Compounds Prepared by Solid-State Reaction**
Guler A., Sertkol M., Saribaev L., Ozdemir M., Oner Y., Ross J. H.
IEEE TRANSACTIONS ON MAGNETICS, vol.51, no.11, 2015 (SCI-Expanded)
- XVII. **Evidence of a Griffiths phase in a mixed compound of YFe₂ and YFe₃**
Oner Y., Guler A.
JOURNAL OF APPLIED PHYSICS, vol.113, no.17, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **The concentration effects on structural and magnetic properties of Fe₂V₁-xMn_xGe Heusler alloys**
Boyraz C., Guler A., Aksu P., Arda L.
SN APPLIED SCIENCES, vol.4, no.7, 2022 (ESCI)
- II. **The effect of defects formed under pressure on CuCrO₂ delafossite**
Boyraz C., Aksu P., Guler A., Arda L.
SN APPLIED SCIENCES, vol.4, no.7, 2022 (ESCI)
- III. **Tb katkılı ZnO nanoçubukların yapı, mikroyapı ve optik özellikleri**
GÜLER A.
International Journal of Advances in Engineering and Pure Sciences, vol.32, no.2, pp.185-191, 2020 (Peer-Reviewed Journal)
- IV. **Structure, Microstructure, and Optical Properties of Tb Doped ZnO Nanorods**
Güler A.
International Journal of Advances in Engineering and Pure Sciences, vol.32, no.2, pp.185-191, 2020 (Peer-Reviewed Journal)
- V. **Zn_{0.96}Cu_{0.01}Ni_{0.03}O nanoparçacıkların yapısal ve manyetik özellikleri**
Güler A.
International Journal of Advances in Engineering and Pure Sciences, vol.31, no.3, pp.255-260, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION AND OF PHYSICAL PROPERTIES OF CuAlO₂ NANOPARTICLES**
BOYRAZ C., AKSU P., GÜLER A., ARDA L.
ICSM 2021, 21 October 2021
- II. **THE CONCENTRATION EFFECTS ON STRUCTURAL AND MAGNETIC PROPERTIES OF Fe₂V₁-xMn_xGe HEUSLER ALLOYS**
BOYRAZ C., GÜLER A., ARDA L.
ICSM 2021, 21 October 2021
- III. **Effect of Cr on Physical properties on CuAlO₂ nanoparticles**
BOYRAZ C., GÜLER A., AKSU P., ARDA L.

7th International Conference on Superconductivity and Magnetism (ICSM2021), 21 - 27 October 2021

- IV. **Investigation of physical characteristics of thermoelectric CuAlO₂**
GÜLER A., BOYRAZ C.
ICSEEC 2020, 04 September 2020
- V. **INVESTIGATION OF PHYSICAL PROPERTIES OF EU₃ DOPED COLUMBITE CDNB₂O₆ POWDERS**
GÜLER A., BOYRAZ C., EKMEKÇİ M. K.
ICAPM 2019 MADRID, 22 - 23 November 2019
- VI. **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 October 2019
- VII. **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 October 2018
- VIII. **Co, Ni, AND Fe ION EFFECTS ON PARENT TETRAHEDRITE COMPOUND**
GÜLER A., BOYRAZ C., ARDA L., RAMİ B.
ICSM 2018, 29 - 30 April 2018
- IX. **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 November 2017
- X. **Magnetic and Superconductivity properties of Calsium and Barium doped La_{0.1}Fe_{1.9}Pt_{0.1}As₂ Parent Compound**
GÜLER A., BOYRAZ C., ÖNER Y.
7 th annual world congress of science and technology-2017, 24 - 26 November 2017
- XI. **Process, characterization and ESR properties of 3d transiton ion doped-tetrahedrite compounds",**
Boyraz C., Güler A., Okay C., Shullgin D., Mozzhukkin G., Rami B.
1International Conference on Magnetism and Magnetic Materials London/UK., Kharkiv, Ukraine, 9 - 10 November 2017
- XII. **Physical Properties of Fe doped Cu₁₂Sb₄S₃**
GÜLER A., BOYRAZ C., OKAY C., RAMİ B.
1 st international Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 November 2017
- XIII. **PHYSICAL PROPERTIES OF Fe DOPED Cu₁₂Sb₄S₁₃**
GÜLER A., BOYRAZ C., OKAY C., bulat r.
ISMSIT2017, 2 - 04 November 2017
- XIV. **Magnetic and Superconductivity Properties of Calcium and Barium Soped La_{0.1}Fe_{1.9}Pt_{0.1}As₂ Parent Compounds**
GÜLER A., BOYRAZ C., ÖNER Y.
NANO StT Annual World Congress of Nano Science and Technology 2017, 24 - 26 October 2017
- XV. **Magnetic and superconductivity properties of Calsium and Barium doped La_{0.1}Pt_{1.9}Fe_{0.1}A₂ parent compounds**
GÜLER A., BOYRAZ C., ÖNER Y.
7 th annual world conference on nanotechnoogy 2017, 24 - 26 October 2017
- XVI. **Preparation, Growth and Magnetic Properties of NonvacuumMg doped ZnMnO Diluted Magnetic Semiconductors Nanoparticles**
GÜLER A., BOYRAZ C., DOĞAN BİNGÖLBALİ N., ARDA L.
INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND MATERIAL SCIENCES, 11 - 15 October 2017
- XVII. **PREPARATION GROWTH AND MAGNETIC PROPERTIES OF NONVACUMMED Mg doped ZnMnO DILUTE MAGNETIC SEMICONDUCTORS**
GÜLER A., BOYRAZ C., DOĞAN BİNGÖLBALİ N., ARDA L.
ICCMMS 2017, 11 - 15 October 2017
- XVIII. **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 October 2017

- XIX. **Process, characterization and ESR properties of 3d transition ion doped tetrahedrite compounds**
GÜLER A., BOYRAZ C., RAMEEV B., OKAY C.
Magnetic Materials 2017, 9 - 10 October 2017
- XX. **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 October 2017
- XXI. **Physical Properties of Eu³⁺ Doped Columbite CdNb₂O₆ Powders**
BOYRAZ C., GÜLER A., TOPKAYA R., EKMEKÇİ M. K.
10 th international conference on magnetism and superconductivity MSM 2017, 18 - 21 September 2017
- XXII. **Synthesis Characterization of Tetrahedrite Compounds for Thermoelectric Applications**
GÜLER A., BOYRAZ C., SHULGIN D., MOZZHUKHIN G., RAMİ B.
The 9th International Kharkiv Symposium on Physics and engineering of Microwaves, Millimeter and Submillimeter Waves, 20 - 24 June 2016
- XXIII. **Magnetic properties of tetrahedrite Cu_{12-x}M_xSb₄As₁₃ M Au Fe Mn**
GÜLER A., BOYRAZ C., RAMEEV B.
NANOTR 12, Turkey, 3 - 05 June 2016
- XXIV. **EPR Studies of Tetrahedrite Doped by 3d Transition Ions**
GÜLER A., OKAY C., BOYRAZ C., RAMEEV B.
NANOTR 12, Turkey, 3 - 05 June 2016
- XXV. **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 Darica Kocaeli/Turkey., Turkey, 3 - 05 June 2016
- XXVI. **CHARACTERIZATION OF TETRAHEDRITE COMPOUNDS DOPED BY 3d TRANSITION IONS**
BOYRAZ C., GÜLER A., ARDA L., RAMİ B.
ICSM 2018, 29 - 30 April 2016
- XXVII. **COEXISTENCE OF MAGNETISM AND SUPERCONDUCTIVITY IN Pt DOPED BaFe₂As₂ COMPOUND**
GÜLER A., BOYRAZ C., ÖZDEMİR M., ÖNER Y.
ICSM 2016, 24 - 30 April 2016
- XXVIII. **EFFECT OF PLATINUM ON MAGNETIC AND SUPERCONDUCTIVITY PROPERTIES OF Ba_{0.2}La_{0.8}Fe_{2-x}Pt_xAs₂ NANOPOWDERS**
GÜLER A., BOYRAZ C.
ICSM 2016, 24 - 30 April 2016
- XXIX. **A simple approach to count and track underwater fishes from videos**
Sharif M. H., Galip F., GÜLER A., UYAYER S.
18th International Conference on Computer and Information Technology (ICCIT), Dhaka, Bangladesh, 21 - 23 December 2015, pp.347-352
- XXX. **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., ÖZÜYSAL M., ŞENGÖZ B., GÜLER A., UYAYER S.
18th International Conference on Computer and Information Technology (ICCIT), Dhaka, Bangladesh, 21 - 23 December 2015, pp.231-236
- XXXI. **Monitoring System for Drivers of Heavy Vehicles**
HAİDAR S., GALİP F., SELİME Ö., UYAYER Ş., GÜLER A.
The International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 4 - 06 November 2015

Expert Reports

I. 1. fikri ve sınai haklar hukuk mahkemesi hakimiğine bilirkişi heyeti raporu

Güler A.

istanbul, 1. fikri ve sınai haklar hukuk mahkemesi, pp.8, İstanbul, 2015

Mobility Activity

Post Doc, Post Doc, Alabama A&M University, United States Of America, 2016 - 2016

Other, Workshop, Oklahoma State University, United States Of America, 2013 - 2013

Metrics

Publication: 54

Citation (WoS): 105

Citation (Scopus): 111

H-Index (WoS): 6

H-Index (Scopus): 6

Invited Talks

İksir, Workshop, Din işleri yüksek kurulu, Turkey, October 2022