

Assoc. Prof. CİHAT BOYRAZ

Personal Information

Email: cboyraz@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/cboyraz>

International Researcher IDs

ScholarID: LDpH85cAAAAJ

ORCID: 0000-0002-3508-7703

Publons / Web Of Science ResearcherID: V-5695-2017

ScopusID: 24366001700

Yoksis Researcher ID: 36317

Education Information

Doctorate, Marmara University, Faculty of Arts and Sciences, Physics, Turkey 2009 - 2012

Doctorate, Alabama State University, Center for Materials for Information Technology , United States Of America 2009 - 2011

Postgraduate, Marmara University, Faculty of Arts and Sciences, Physics, Turkey 2001 - 2004

Undergraduate, Trakya University, Fen Fakültesi, Fizik Bölümü, Turkey 1997 - 2001

Dissertations

Doctorate, Çoklu ferroik tek kristal film tabanlı aygıtların yapımı ve karakterizasyonu, Marmara Üniversitesi, Faculty of Arts and Sciences, Physics, 2012

Postgraduate, Zincir moleküler sıvıların yüzey geriliminin bulk özellikleri ile ilişkilendirilmesi, Marmara Üniversitesi, Faculty of Arts and Sciences, Physics, 2004

Research Areas

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Technology, Mechanical Engineering, 2018 - Continues

Assistant Professor, Marmara University, Faculty of Technology, Mechanical Engineering, 2013 - 2017

Research Assistant, Marmara University, Faculty of Arts and Sciences, Physics, 2003 - 2013

Courses

Physics II, Undergraduate, 2018 - 2019, 2017 - 2018, 2013 - 2014

Physics II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Matematik II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Physics I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Calculus I, Undergraduate, 2019 - 2020

Physics II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Introduction to Advanced Engineering Mathematics, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Applied Numerical Methods, Postgraduate, 2018 - 2019

Calculus I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Advanced Engineering Mathematics, Doctorate, 2017 - 2018, 2016 - 2017

Physics I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Calculus II, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014

Vehicle Aerodynamics, Postgraduate, 2014 - 2015

Physics I, Undergraduate, 2014 - 2015

Calculus II, Undergraduate, 2013 - 2014

Physics I, Undergraduate, 2013 - 2014

Advising Theses

BOYRAZ C., Seyreltik manyetik yarı iletken malzemelerin sentezlenmesi ve karakterizasyonu, Postgraduate,

B.YEŞİLBAŞ(Student), 2016

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. **Structural and magnetic properties of superconductive YFeSb_{1-x}Co_x compound**
BOYRAZ C.
International Journal of Modern Physics B, 2023 (SCI-Expanded)
- III. **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)
- IV. **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)
- V. **Electrical Resistivity and Magnetization Study on LaFe₂As₂, La_{0.8}Ba_{0.2}Fe₂As₂, and La_{1-x}Ba_xPt_{0.1}Fe_{1.9}As₂ (x=0, 0.05, 0.2, 0.4, and 0.6) Superconducting Compounds**
BOYRAZ C., Oner Y.
JOURNAL OF ELECTRONIC MATERIALS, vol.51, no.5, pp.2624-2644, 2022 (SCI-Expanded)
- VI. **Negative Magnetization and Superconductivity in the (LaPt₂As_x (x=1, 2) and BaPt₂As₂ Compounds**
Oner Y., Boyraz C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.34, no.12, pp.3175-3198, 2021 (SCI-Expanded)
- VII. **A successive multi-phase transitions in polycrystalline BaFe₂As₂: Emergence of C4 phase**
Oner Y., BOYRAZ C.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.35, no.27, 2021 (SCI-Expanded)
- VIII. **Low Field Magnetic and Electric Transport Properties of LaFeAsO and Oxygen Deficiency of LaFeAsO_x**
Oner Y., BOYRAZ C.
JOURNAL OF ELECTRONIC MATERIALS, vol.50, no.3, pp.1090-1101, 2021 (SCI-Expanded)
- IX. **Effects of Pt and La doping on the superconductivity of CaFe₂As₂: Kondo effects**

Oner Y., BOYRAZ C.

INTERMETALLICS, vol.129, 2021 (SCI-Expanded)

- X. **Coexistence of magnetism and superconductivity in thin films of the Fe-based superconductor Ba_{1-x}La_xFe₂As₂**
Oner Y., BOYRAZ C., Hiramatsu H., Katase T., Hosono H.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.32, no.48, 2020 (SCI-Expanded)
- XI. **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)
- XII. **Critical current density and flux pinning in BaFe_{1.9}Pt_{0.1}As₂ and La doped Ba_{0.95}La_{0.05}Fe_{1.9}Pt_{0.1}As₂ polycrystals**
Oner Y., Boyraz C.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.31, no.15, 2019 (SCI-Expanded)
- XIII. **Band Gap Engineering of Mg Doped ZnO Nanorods Prepared by a Hydrothermal Method**
ŞENOL S. D., BOYRAZ C., Özügürlü E., GÜNGÖR A., ARDA L.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.54, no.3, 2019 (SCI-Expanded)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **Thermoelectric properties and EPR analysis of Fe doped Cu₁₂Sb₄S₁₃**
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)
- XVIII. **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)
- XIX. **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)
- XX. **Structural and Magnetic Properties of -Doped Powders**
TOPKAYA R., BOYRAZ C., EKMEKÇİ M. K.
JOURNAL OF LOW TEMPERATURE PHYSICS, vol.190, pp.244-255, 2018 (SCI-Expanded)
- XXI. **Effects of Annealing Temperature on Microstructure and Magnetic Properties of Ni_{0.05}Zn_{0.95}Fe₂O₄ Nanoparticles**
Arda L., Dogan N., Boyraz C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.31, no.2, pp.365-371, 2018 (SCI-Expanded)
- XXII. **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)
- XXIII. **Microstructure and magnetic behavior of (Mg/Ni) co-doped ZnO nanoparticles**
Boyraz C., Dogan N., Arda L.
CERAMICS INTERNATIONAL, vol.43, no.17, pp.15986-15991, 2017 (SCI-Expanded)
- XXIV. **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)
- XXV. **The Temperature Effect on Structural and Magnetic Properties of Zn_{0.95}Fe_{0.05}O Nanoparticles**
Boyraz C., Yesilbas B., Arda L.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.6, pp.1691-1698, 2017 (SCI-Expanded)
- XXVI. **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)
- XXVII. **Effect of solution molarity on microstructural and optical properties of CdCr₂S₄ thin films**
BOYRAZ C., Urfa Y.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.36, pp.1-6, 2015 (SCI-Expanded)
- XXVIII. **Observations of Co⁴⁺ in a Higher Spin State and the Increase in the Seebeck Coefficient of Thermoelectric Ca₃Co₄O₉**
Klie R. F., Qiao Q., Paulauskas T., Gulec A., Rebola A., Oeguet S., Prange M. P., Idrobo J. C., Pantelides S. T., Kolesnik S., et al.
PHYSICAL REVIEW LETTERS, vol.108, no.19, 2012 (SCI-Expanded)
- XXIX. **Effect of substrate on the atomic structure and physical properties of thermoelectric Ca₃Co₄O₉ thin films**
Qiao Q., Gulec A., Paulauskas T., Kolesnik S., Dabrowski B., Ozdemir M., Boyraz C., Mazumdar D., Gupta A., Klie R. F.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.23, no.30, 2011 (SCI-Expanded)
- XXX. **Structural and magnetic properties of lithium ferrite (LiFe₅O₈) thin films: Influence of substrate on the octahedral site order**
BOYRAZ C., MAZUMDAR D., Iliev M., Marinova V., MA J., SRINIVASAN G., GUPTA A.
APPLIED PHYSICS LETTERS, vol.98, no.1, 2011 (SCI-Expanded)
- XXXI. **Sol-gel insulation coatings on Monel/Fe/MgB₂ wires for coil development**
Arda L., Boyraz C., Sacli O. A., Tomsic M., Hascicek Y. S.
IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, vol.18, no.2, pp.1208-1211, 2008 (SCI-Expanded)
- XXXII. **Electrical characterizations of MgO-ZrO₂ high temperature sol-gel insulations coatings on different types of epoxies**
Cakiroglu O., Arda L., Boyraz C., Sacli O. A.
IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, vol.18, no.2, pp.1398-1401, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Structural, Thermoelectric, and Magnetic Properties of Pure and Ti-Doped Ca₃Co₄O₉ Ceramic Compounds**
BOYRAZ C.
Frontiers in Life Sciences and Related Technologies (Online), vol.4, no.2, pp.79-84, 2023 (Peer-Reviewed Journal)
- II. **Demand Side Response Program for More Sustainable Electricity Market: A Case Study of Türkiye**
YALÇINKAYA A., FEYZİOĞLU A., BOYRAZ C., HALILOĞLU H., SANTORO D., PICCINETTI L.
Insights Into Regional Development, vol.46, 2023 (Scopus)
- III. **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)
- IV. **The concentration effects on structural and magnetic properties of Fe₂V_{1-x}Mn_xGe Heusler alloys**
Boyraz C., Guler A., Aksu P., Arda L.
SN APPLIED SCIENCES, vol.4, no.7, 2022 (ESCI)
- V. **Fe ve As Elementleri ile Katkılı Tetrahedritlerin Karakterizasyonu ve Fiziksel Özellikleri**
OKAY C., BOYRAZ C., SHULGIN D. A., MOZZHUKHIN G., RAMİ B.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, pp.1016, 2018 (Peer-Reviewed Journal)

- VI. **CdCrsub2/subSsub4/sub İnce Filmlerin Çözelti Molaritesinin Yapısal ve Optiksel Özellikleri Üzerindeki Etkileri**
BOYRAZ C., ERDEM M., URFA Y.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, pp.88, 2017 (Peer-Reviewed Journal)
- VII. **Magnetic effect on the phase properties of neodymium-activated yttrium disilicate nanomaterials**
ERDEM M., BOYRAZ C.
TURKISH JOURNAL OF PHYSICS, vol.40, no.3, pp.270-277, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF PHYSICAL PROPERTIES OF EU3 DOPED COLUMBITE CDNB2O6 POWDERS**
GÜLER A., BOYRAZ C., EKMEKÇİ M. K.
ICAPM 2019 MADRID, 22 - 23 November 2019
- II. **Preparation, growth, and optical properties of (Cu/Co)co-doped ZnO thin films**
AKCAN D., YALÇIN B., ŞENTÜRK K., YALÇIN İ. E., ALPHAN M. C., GÜLER A., BOYRAZ C., ARDA L.
ICCMMS-2019, 14 - 19 October 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 October 2018
- IV. **PREPARATION, GROWTH, AND MICROSTRUCTURAL PROPERTIES OF Cr DOPED ZnMgO THIN FILMS**
ALPHAN M. C., AKCAN D., BOYRAZ C., ARDA L.
TMT2018, 18 - 22 September 2018, vol.21, pp.49-52
- V. **EFFECT OF TEMPERATURE AND FILM THICKNESS ON RESIDUAL STRESS AND MICROSTRUCTURE OF ZnO THIN FILMS**
TOSUN M., ATAÖĞLU Ş., İPEK C., ARDA L., BOYRAZ C.
21st International Research/Expert Conference Trends In The Development of Machinery and Associated Technology, 18 - 22 September 2018
- VI. **EFFECT OF TEMPERATURE AND FILM THICKNESS ON RESIDUAL STRESS AND MICROSTRUCTURE OF ZnO THIN FILM**
TOSUN M., ATAÖĞLU Ş., İPEK C., ARDA L., BOYRAZ C.
TMT2018, Czech Republic, 18 September - 22 August 2018, vol.21, pp.53-56
- VII. **PREPARATION, GROWTH, AND MAGNETIC AND MECHANICAL PROPERTIES OF NONVACUUM Cu DOPED ZnMnO DILUTED MAGNETIC SEMICONDUCTORS NANOPARTICLES**
İPEK C., ATAÖĞLU Ş., BAYTAK T., BOYRAZ C., DOĞAN BİNGÖLBALİ N., ARDA L.
ICSM 2018, 29 - 30 April 2018
- VIII. **STRUCTURAL AND MAGNETIC PROPERTIES OF TRANSITION METAL DOPED BaTiO3 NANO PARTICLES BY SOL-GEL PROCESS**
ARDA L., AKCAN D., BOYRAZ C., DOĞAN BİNGÖLBALİ N.
ICSM 2018, 29 - 30 April 2018
- IX. **Co, Ni, AND Fe ION EFFECTS ON PARENT TETRAHEDRITE COMPOUND**
GÜLER A., BOYRAZ C., ARDA L., RAMİ B.
ICSM 2018, 29 - 30 April 2018
- X. **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
- XI. **Magnetic and Superconductivity properties of Calcium and Barium doped La0.1Fe1.9Pt0.1As2 Parent Compound**
GÜLER A., BOYRAZ C., ÖNER Y.
7 th annual world congress of science and technology-2017, 24 - 26 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. **Process, characterization and ESR properties of 3d transition ion doped-tetrahedrite compounds**,
Boyraz C., Güler A., Okay C., Shullgin D., Mozzhukhin G., Rami B.
1 International Conference on Magnetism and Magnetic Materials London/UK., Kharkiv, Ukraine, 9 - 10 November 2017
- XIV. **The Effect of substrate on physical properties of CdCr₂S₄ thin films**
BOYRAZ C., ERDEM M., URFA Y., ÖZDEMİR M.
1 st international Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 November 2017
- XV. **PHYSICAL PROPERTIES OF Fe DOPED Cu₁₂Sb₄S₁₃**
GÜLER A., BOYRAZ C., OKAY C., bulat r.
ISMSIT2017, 2 - 04 November 2017
- XVI. **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
- XVII. **Magnetic and superconductivity properties of Calcium and Barium doped La_{0.1}Pt_{1.9}Fe_{0.1}As₂ parent compounds**
GÜLER A., BOYRAZ C., ÖNER Y.
7 th annual world conference on nanotechnology 2017, 24 - 26 October 2017
- XVIII. **Preparation, Growth and Magnetic Properties of Nonvacuum Mg 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
- XIX. **PREPARATION GROWTH AND MAGNETIC PROPERTIES OF NONVACUMMED Mg doped ZnMnO DILUTE MAGNETIC SEMICONDUCTORS**
GÜLER A., BOYRAZ C., DOĞAN BİNGÖLBALİ N., ARDA L.
ICCCMMS 2017, 11 - 15 October 2017
- XX. **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
- XXI. **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
- XXII. **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
- XXIII. **Physical Properties of Fe doped Cu₁₂Sb₄S₁₃**
GÜLER A., BOYRAZ C., OKAY C., RAMİ B.
1st International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT 2017) Tokat / Turkey, 2 - 04 October 2017
- XXIV. **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
- XXV. **Morphology and Luminescence Characteristics of Yttriumdisilicate doped with Yb₃ Er₃ Ho₃ and Tm₃**
BOYRAZ C., ERDEM M., EKMEKÇİ M. K., TAV C., ERYÜREK G.
2 nd world congress on new technologies ICNFA, 18 - 19 August 2016
- XXVI. **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, Milimeter and Submillimeter

Waves, 20 - 24 June 2016

- XXVII. **EPR Studies of Tetrahedrite Doped by 3d Transition Ions**
GÜLER A., OKAY C., BOYRAZ C., RAMAEEV B.
NANOTR 12, Turkey, 3 - 05 June 2016
- XXVIII. **Magnetic properties of tetrahedrite Cu₁₂ xMxSb₄S₁₃ M Au Fe Mn**
GÜLER A., BOYRAZ C., RAMEEV B.
NANOTR 12, Turkey, 3 - 05 June 2016
- XXIX. **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
- XXX. **CHARACTERIZATION OF TETRAHEDRITE COMPOUNDS DOPED BY 3d TRANSITION IONS**
BOYRAZ C., GÜLER A., ARDA L., RAMİ B.
ICSM 2018, 29 - 30 April 2016
- XXXI. **THE TEMPERATURE EFFECT ON STRUCTURAL AND MAGNETIC PROPERTIES OF Zn_{0.95}Fe_{0.050} NANOPARTICLES**
BOYRAZ C., yeşilbaş b., ARDA L.
ICSM 2016, 24 - 30 April 2016
- XXXII. **COEXISTENCE OF MAGNETISM AND SUPERCONDUCTIVITY IN Pt DOPED BaFe₂As₂ COMPOUND**
GÜLER A., BOYRAZ C., ÖZDEMİR M., ÖNER Y.
ICSM 2016, 24 - 30 April 2016
- XXXIII. **EFFECT OF PLATINUM ON MAGNETIC AND SUPERCONDUCTIVITY PROPERTIES OF Ba_{0.2}La_{0.8}Fe_{2-x}PtxAs₂ NANOPOWDERS**
GÜLER A., BOYRAZ C.
ICSM 2016, 24 - 30 April 2016
- XXXIV. **Phase Dependent Magnetic Properties of Neodymium Doped Yttriumdisilicates**
ERDEM M., BOYRAZ C.
6th International Conference on Nanotechnology(NANOTECHNOLOGY '15), Italy, 7 - 09 November 2015, vol.55,
pp.142-148
- XXXV. **Phase Dependent Magnetic Properties of Neodymium Doped Yttrium Disilicate Y₂Si₂O₇**
ERDEM M., BOYRAZ C.
6th International Conference on NANOTECHNOLOGY, Roma, Italy, 7 - 09 November 2015
- XXXVI. **Structural and Magnetic Properties of Yttriumdisilicates doped with Neodimium**
BOYRAZ C., ERDEM M.
International Powder Porous Materials,2015, 15 - 17 September 2015
- XXXVII. **Structural and Magnetic Properties of Neodymium Doped Yttriumdisilicates with Neodimium**
BOYRAZ C., ERDEM M.
International Powder and Porous Materials 2015, İzmir, Turkey, 15 - 18 September 2015

Tasks In Event Organizations

Boyraz C., Engineering and Technology, Natural Science, Scientific Congress, İstanbul, Turkey, Eylül 2020

Metrics

Publication: 77

Citation (WoS): 264

Citation (Scopus): 270

H-Index (WoS): 8

Congress and Symposium Activities

International Conference on Condensed Matter and Materials Science ICCMMS 2019, Working Group, Adana, Turkey, 2019

Cr/Co çift katkılı ZnO İnce Filmlerin, Hazırlama, Büyütme, Mikroyapı ve Optik Özellikleri (3RD INTERNATIONAL MULTIDISCIPLINARY STUDIES CONGRESS), Working Group, Kyiv, Ukraine, 2018

EFFECT OF TEMPERATURE AND FILM THICKNESS ON RESIDUAL STRESS AND MICROSTRUCTURE OF ZnO THIN FILM (TMT2018), Working Group, Karlovy-Vary, Czech Republic, 2018

PREPARATION, GROWTH, AND MICROSTRUCTURAL PROPERTIES OF Cr DOPED ZnMgO THIN FILMS (TMT2018), Working Group, Karlovy-Vary, Czech Republic, 2018

Co, Ni, AND Fe ION EFFECTS ON PARENT TETRAHEDRITE COMPOUND (ICSM 2018), Working Group, Antalya, Turkey, 2018

CHARACTERIZATION OF TETRAHEDRITE COMPOUNDS DOPED BY 3d TRANSITION IONS (ICSM 2018), Working Group, Antalya, Turkey, 2018

STRUCTURAL AND MAGNETIC PROPERTIES OF TRANSITION METAL DOPED BaTiO₃ NANO PARTICLES BY SOL-GEL PROCESS (ICSM 2018), Working Group, Antalya, Turkey, 2018

Physical Properties of Fe doped Cu₁₂Sb₄S₃ (1 st international Symposium on Multidisciplinary Studies and Innovative Technologies Kiev), Working Group, Tokat, Turkey, 2017

Magnetic and Superconductivity Properties of Calcium and Barium Soped La_{0.1}Fe_{1.9}Pt_{0.1}As₂ Parent Compounds (NANO StT Annual World Congress of Nano Science and Technology 2017 Japan), Working Group, Fukuoka, Japan, 2017

Synthesis Characterization of Tetrahedrite Compounds for Thermoelectric Applications (The 9th International Kharkiv Symposium on Physics and engineering of Microwaves, Milimeter and Submilimeter Waves), Working Group, Kyiv, Ukraine, 2016

COEXISTENCE OF MAGNETISM AND SUPERCONDUCTIVITY IN Pt DOPED BaFe₂As₂ COMPOUND (ICSM 2016), Working Group, Muğla, Turkey, 2016

EFFECT OF PLATINUM ON MAGNETIC AND SUPERCONDUCTIVITY PROPERTIES OF Ba_{0.2}La_{0.8}Fe_{2-x}PtxAs₂ NANOPOWDERS (ICSM 2016), Working Group, Muğla, Turkey, 2016

THE TEMPERATURE EFFECT ON STRUCTURAL AND MAGNETIC PROPERTIES OF Zn_{0.95}Fe_{0.05}O NANOPARTICLES (ICSM 2016), Working Group, Muğla, Turkey, 2016