

## Assoc. Prof. CİHAT BOYRAZ

### Personal Information

**Email:** cboyraz@marmara.edu.tr

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### 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

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

Under Graduate, Trakya Üniversitesi, Fen Fakültesi, Fizik Bölümü, Turkey 1997 - 2001

### Dissertations

Doctorate, Çoklu ferroik tek kristal film tabanlı aygıtların yapımı ve karakterizasyonu, Marmara Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2012

Post Graduate, Zincir moleküler sıvıların yüzey geriliminin bulk özellikleri ile ilişkilendirilmesi, Marmara Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 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, Under Graduate, 2013 - 2014, 2017 - 2018, 2018 - 2019

Physics II, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

Matematik II, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

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

Calculus I, Under Graduate, 2019 - 2020

Physics II, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

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

Applied Numerical Methods, Post Graduate, 2018 - 2019

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

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

Physics I, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019  
Calculus II, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016  
Vehicle Aerodynamics, Post Graduate, 2014 - 2015  
Physics I, Under Graduate, 2014 - 2015  
Calculus II, Under Graduate, 2013 - 2014  
Physics I, Under Graduate, 2013 - 2014

## Advising Theses

BOYRAZ C., Seyreltik manyetik yarı iletken malzemelerin sentezlenmesi ve karakterizasyonu, Post Graduate,  
B.YEŞİLBAŞ(Student), 2016

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Effects of Pt and La doping on the superconductivity of CaFe<sub>2</sub>As<sub>2</sub>: Kondo effects**  
Oner Y., BOYRAZ C.  
INTERMETALLICS, vol.129, 2021 (Journal Indexed in SCI)
- II. **Low Field Magnetic and Electric Transport Properties of LaFeAsO and Oxygen Deficiency of LaFeAsO<sub>x</sub>**  
Oner Y., BOYRAZ C.  
JOURNAL OF ELECTRONIC MATERIALS, 2021 (Journal Indexed in SCI)
- III. **Coexistence of magnetism and superconductivity in thin films of the Fe-based superconductor Ba<sub>1-x</sub>La<sub>x</sub>Fe<sub>2</sub>As<sub>2</sub>**  
Oner Y., BOYRAZ C., Hiramatsu H., Katase T., Hosono H.  
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.32, 2020 (Journal Indexed in SCI)
- IV. **Domain structure effect on the superconductivity of BaFePtAs<sub>2</sub>**  
Öner Y., BOYRAZ C., GÜLER A.  
Physica C: Superconductivity and its Applications, vol.574, 2020 (Journal Indexed in SCI)
- V. **Critical current density and flux pinning in BaFe<sub>1.9</sub>Pt<sub>0.1</sub>As<sub>2</sub> and La doped Ba<sub>0.95</sub>La<sub>0.05</sub>Fe<sub>1.9</sub>Pt<sub>0.1</sub>As<sub>2</sub> polycrystals**  
Oner Y., Boyraz C.  
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.31, 2019 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- VII. **Band Gap Engineering of Mg Doped ZnO Nanorods Prepared by a Hydrothermal Method**  
ŞENOL S. D. , BOYRAZ C., Özüğurlu E., GÜNGÖR A., ARDA L.  
CRYSTAL RESEARCH AND TECHNOLOGY, vol.54, 2019 (Journal Indexed in SCI)
- VIII. **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, vol.33, 2019 (Journal Indexed in SCI)
- IX. **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, pp.1737-1745, 2019 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

- XI. **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, vol.269, pp.547-552, 2019 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **Effects of Annealing Temperature on Microstructure and Magnetic Properties of Ni<sub>0.05</sub>Zn<sub>0.95</sub>Fe<sub>2</sub>O<sub>4</sub> Nanoparticles**  
Arda L., Dogan N., Boyraz C.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.31, pp.365-371, 2018 (Journal Indexed in SCI)
- XIV. **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, pp.47-53, 2018 (Journal Indexed in SCI)
- XV. **Microstructure and magnetic behavior of (Mg/Ni) co-doped ZnO nanoparticles**  
Boyraz C., Dogan N., Arda L.  
CERAMICS INTERNATIONAL, vol.43, pp.15986-15991, 2017 (Journal Indexed in SCI)
- XVI. **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.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, pp.3285-3288, 2017 (Journal Indexed in SCI)
- XVII. **The Temperature Effect on Structural and Magnetic Properties of Zn<sub>0.95</sub>Fe<sub>0.05</sub>O Nanoparticles**  
Boyraz C., Yesilbas B., Arda L.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, pp.1691-1698, 2017 (Journal Indexed in SCI)
- XVIII. **Structural and Superconductivity Properties of BaFe<sub>2-x</sub>PtxAs<sub>2</sub>**  
Boyraz C., Guler A., Ozdemir M., Oner Y.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, pp.1145-1151, 2017 (Journal Indexed in SCI)
- XIX. **Effect of solution molarity on microstructural and optical properties of CdCr<sub>2</sub>S<sub>4</sub> thin films**  
BOYRAZ C., Urfa Y.  
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.36, pp.1-6, 2015 (Journal Indexed in SCI)
- XX. **Observations of Co<sup>4+</sup> in a Higher Spin State and the Increase in the Seebeck Coefficient of Thermoelectric Ca<sub>3</sub>Co<sub>4</sub>O<sub>9</sub>**  
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, 2012 (Journal Indexed in SCI)
- XXI. **Effect of substrate on the atomic structure and physical properties of thermoelectric Ca<sub>3</sub>Co<sub>4</sub>O<sub>9</sub> 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, 2011 (Journal Indexed in SCI)
- XXII. **Structural and magnetic properties of lithium ferrite (LiFe<sub>5</sub>O<sub>8</sub>) 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, 2011 (Journal Indexed in SCI)
- XXIII. **Electrical characterizations of MgO-ZrO<sub>2</sub> 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, pp.1398-1401, 2008 (Journal Indexed in SCI)
- XXIV. **Sol-gel insulation coatings on Monel/Fe/MgB<sub>2</sub> wires for coil development**  
Arda L., Boyraz C., Sacli O. A., Tomsic M., Hascicek Y. S.

## Articles Published in Other Journals

- I. **Synthesis characterization of tetrahedrite compounds for thermoelectric applications**  
GÜLER A., BOYRAZ C., Shulgin D., Mozzhukhin G., Rameev B.  
IEEE Transactions On Magnetics, 2019 (Refereed Journals of Other Institutions)
- II. **Fe ve As Elementleri ile Katkılı Tetrahedritlerin Karakterizasyonu ve Fiziksel Özellikleri**  
OKAY C., BOYRAZ C., SHULGIN D. A. , MOZZHUKHIN G., RAMÍ B.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, pp.1016, 2018 (Other Refereed National Journals)
- III. **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 (Other Refereed National Journals)
- IV. **Magnetic effect on the phase properties of neodymium-activated yttrium disilicate nanomaterials**  
ERDEM M., BOYRAZ C.  
TURKISH JOURNAL OF PHYSICS, vol.40, pp.270-277, 2016 (Journal Indexed in 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., yalçın i. 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 La<sub>0.1</sub>Fe<sub>1.9</sub>Pt<sub>0.1</sub>As<sub>2</sub> 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 Cu<sub>12</sub>Sb<sub>4</sub>S<sub>3</sub>**  
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 CdCr<sub>2</sub>S<sub>4</sub> 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 Cu<sub>12</sub>Sb<sub>4</sub>S<sub>13</sub>**  
GÜLER A., BOYRAZ C., OKAY C., bulat r.  
ISMSIT2017, 2 - 04 November 2017
- XVI. **Magnetic and Superconductivity Properties of Calcium and Barium Soped La<sub>0.1</sub>Fe<sub>1.9</sub>Pt<sub>0.1</sub>As<sub>2</sub> Parent Compounds**  
GÜLER A., BOYRAZ C., ÖNER Y.  
NANO ST Annual World Congress of Nano Science and Technology 2017, 24 - 26 October 2017
- XVII. **Magnetic and superconductivity properties of Calcium and Barium doped La<sub>0.1</sub>Pt<sub>1.9</sub>Fe<sub>0.1</sub>As<sub>2</sub> 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 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
- XIX. **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
- 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 Cu<sub>12</sub>Sb<sub>4</sub>Si<sub>13</sub>**  
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 Eu<sub>3</sub> Doped Columbite CdNb<sub>2</sub>O<sub>6</sub> 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 Yb<sub>3</sub> Er<sub>3</sub> Ho<sub>3</sub> and Tm<sub>3</sub>**  
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 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 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 Cu<sub>12</sub> xMxSb<sub>4</sub>Si<sub>13</sub> 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 Darıca 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<sub>0.95</sub>Fe<sub>0.050</sub> NANOPARTICLES**  
BOYRAZ C., yeşilbaş b., ARDA L.  
ICSM 2016, 24 - 30 April 2016
- XXXII. **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 April 2016
- XXXIII. **EFFECT OF PLATINUM ON MAGNETIC AND SUPERCONDUCTIVITY PROPERTIES OF Ba<sub>0.2</sub>La<sub>0.8</sub>Fe<sub>2-x</sub>PtxAs<sub>2</sub> 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 Y<sub>2</sub>Si<sub>2</sub>O<sub>7</sub>**  
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

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

## Invited 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

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

EFFECT OF TEMPERATURE AND FILM THICKNESS ON RESIDUAL STRESS AND MICROSTRUCTURE OF ZnO THIN FILM (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 BaTiO<sub>3</sub> NANO PARTICLES BY SOL-GEL PROCESS (ICSM 2018), Working Group, Antalya, Turkey, 2018

Physical Properties of Fe doped Cu<sub>12</sub>Sb<sub>4</sub>S<sub>3</sub> (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<sub>0.1</sub>Fe<sub>1.9</sub>Pt<sub>0.1</sub>As<sub>2</sub> Parent Compounds (NANO S<sub>t</sub>T 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 BaFe<sub>2</sub>As<sub>2</sub> COMPOUND (ICSM 2016), Working Group, Muğla, Turkey, 2016

THE TEMPERATURE EFFECT ON STRUCTURAL AND MAGNETIC PROPERTIES OF Zn<sub>0.95</sub>Fe<sub>0.05</sub>O NANOPARTICLES (ICSM 2016), Working Group, Muğla, Turkey, 2016

EFFECT OF PLATINUM ON MAGNETIC AND SUPERCONDUCTIVITY PROPERTIES OF Ba<sub>0.2</sub>La<sub>0.8</sub>Fe<sub>2-x</sub>Pt<sub>x</sub>As<sub>2</sub> NANOPOWDERS (ICSM 2016), Working Group, Muğla, Turkey, 2016

## Citations

Total Citations (WOS):158

h-index (WOS):6