

Lect. TUĞBA BAYAZIT

Personal Information

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Education Information

Doctorate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2015 - Continues

Postgraduate, Karadeniz Technical University, Fen Edebiyat Fakültesi, Fizik/Katıhal Fiziği, Turkey 2007 - 2011

Masters (Non-Thesis), Karadeniz Technical University, Fatih Eğitim Fakültesi, Ortaöğretim Fen Matematik Alanları- Fizik Eğitimi, Turkey 2002 - 2007

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, TS EN ISO/IEC 17025 Standardı Eğitimi, TSE Enstitüsü Deney ve Kalibrasyon Başkanlığı, 2014

Education Management and Planning, XRD ve Rietveld- Çimento Uygulamaları Eğitimi, Türkiye Çimento Müstahsilleri Birliği, 2014

Education Management and Planning, Low Temperature PI/PLE/RT System and Troubleshoot Cihaz, recep tayyip erdoğan üniversitesi, 2014

Education Management and Planning, JEOL JSM-6610 Cihazı sertifika Eğitimi, recep tayyip erdoğan üniversitesi-tekser A.Ş., 2013

Education Management and Planning, Rigaku SmartLAB X-Ray Difraktometresi Cihazı Eğitimi, recep tayyip erdoğan üniversitesi-tekser A.Ş., 2013

Education Management and Planning, TS EN ISO/IEC 17025 Standardı Eğitimi, recep tayyip erdoğan üniversitesi, 2012

Education Management and Planning, X-Ray Difraktometre Data Collector ve High Score Plus Software Eğitimi, X-Ray Difraktometre Eğitimi, Çanakkale Seramik AR-GE Laboratuvarı, 2012

Education Management and Planning, Spring School & Educational Courses, İnönü Üniversitesi, 2010

Education Management and Planning, International Student Workshop on Condensed Matter and Materials Physics, inönü üniversitesi, 2009

Dissertations

Postgraduate, SiC katkılı MgB₂ süperiletkeninin yapısal ve manyetik özellikleri, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Fizik/Katıhal Fiziği, 2011

Postgraduate, kırılma ve mercekler konularında çoklu zeka kuramı kapsamında beyin fırtınası tekniği ve tartışma yöntemine uygun geliştirilen öğretim materyallerinin uygulanması ve değerlendirilmesi, Karadeniz Technical University, Fatih Eğitim Fakültesi, Ortaöğretim Fen Matematik Alanları- Fizik Eğitimi, 2007

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Surfaces, Interfaces, Thin Films and Nanosystems, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Superconductivity, Natural Sciences

Academic Titles / Tasks

Expert, Recep Tayyip Erdogan University, Rektörlük, Merkezi Araştırma Uygulama Ve Araştırma Merkezi, 2013 - Continues

Lecturer, Hakkari University, Eğitim Fakültesi, Fen Bilgisi Eğitimi, 2010 - 2011

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

- I. **Growth and characterization of Cu₂SnS₃ (CTS), Cu₂SnSe₃ (CTSe), and Cu₂Sn(S,Se)₃ (CTSSe) thin films using dip-coated Cu-Sn precursor**
Bayazit T., OLGAR M. A. , KÜÇÜKÖMEROĞLU T., BACAKSIZ E., Tomakin M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, no.13, pp.12612-12618, 2019 (Journal Indexed in SCI)
- II. **Properties of MgB₂ Thin Films Deposited on Different Substrates Prepared by Ex-Situ Annealing Process**
Koparan E. T. , ÖZTÜRK A., Bayazit T., SURDU A., SIDORENKO A., Yanmaz E.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.2, pp.267-271, 2013 (Journal Indexed in SCI)
- III. **The Magnetic and Structural Properties of SiC-Doped MgB₂ Bulks Prepared by the Standard Ceramic Processing**
Dilek T., Koparan E. T. , Basoglu M., Yanmaz E.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.495-497, 2011 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Modulation Properties of Cu₂Sn(S_xSe_{1-x})₃ Thin Films Through Various Reaction Temperatures Using Rapid Thermal Processing**
BAYAZIT T., OLGAR M. A. , TOMAKIN M., KÜÇÜKÖMEROĞLU T., BACAKSIZ E.
6th International conference on materials science and nanotechnology for next generation (MSNG2019), 16 - 18 October 2019, pp.44
- II. **Effects of Acceptor Dopants (Li, N, B) on ZnO Thin Film Prepared by Spray Pyrolysis**
BAYAZIT T., OLGAR M. A. , GÜNER S. B. , TOMAKIN M., BACAKSIZ E.
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), 16 - 18 October 2019
- III. **Modulation Properties of Cu₂Sn(S_xSe_{1-x})₃ Thin Films Through Various Reaction Temperatures Using Rapid Thermal Processing**
BAYAZIT T., TOMAKIN M., OLGAR M. A. , KÜÇÜKÖMEROĞLU T., BACAKSIZ E.
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), 16 - 18 October 2019
- IV. **EFFECT OF SULFURIZATION TEMPERATURE ON STRUCTURAL PROPERTIESIN Cu₂SnS₃ THIN FILMS**
BAYAZIT T., TOMAKIN M., OLGAR M. A. , KÜÇÜKÖMEROĞLU T., BACAKSIZ E.
KARADENİZ 1. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMA KONGRESİ, Giresun, Turkey, 15 - 17 March 2019,

pp.164-165

- V. **Investigation of Some Physical Properties of Boron Doped CdS Thin Films Irradiated with Cs 137**
Bozali F., TOMAKİN M., KESKENLER E. F. , BAYAZIT T., NEVRUZOĞLU V.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016
- VI. **Investigation of Some Physical Properties of Boron Doped CdS Thin Films Irradiated with Cs-137**
Bozali F., TOMAKİN M., KESKENLER E. F. , Bayazit T., NEVRUZOĞLU V.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.195

Supported Projects

AKÇAY H. T. , ŞİRİN M., TOKÇALAR S., DEMİR A., BAYAZIT T., Project Supported by Higher Education Institutions, Çeşitli Organik ve İnorganik Bileşiklerin, Doğal Ürünlerin Spektroskopik İncelenmesi, 2014 - 2017

Edit Congress and Symposium Activities

- E. Taylan Koparan, A. Ozturk, T. Bayazit, A. Surdu, A. Sidorenko, E. Yanmaz, "Investigation of the Upper Critical Magnetic Field and Activation Energy in MgB₂ Thin Film" III. International Conference on Superconductivity and Magnetism (ICSM2012) , Kumburgaz, İstanbul, TURKEY - 4 Mayıs 2012, Attendee, İstanbul, Turkey, 2012
- E. Taylan Koparan, T. Bayazit, M. Başoğlu, A. Surdu, A.Sidorenko and E.Yanmaz, "Fabrication and Characterization of Superconducting MgB₂ Thin Film" 5th National Superconductivity Symposium , İzmir - 6 Tem. 2011, Attendee, İzmir, Turkey, 2011
- T. Dilek, E. Yanmaz, "The Magnetic and Structural Properties of SiC-Doped MgB₂ Bulks Prepared by the Standard Ceramic Processing", International Conference on Superconductivity and Magnetism , Antalya, TURKEY - 30 Nisan 2010, Attendee, Antalya, Turkey, 2010
- T. Dilek, E. Taylan Koparan, E. Yanmaz, "Effect of Flux Pinning Properties Of SiC- doped MgB₂ Supreconductors" ISW on Condensed Matter and Material Physics , Antalya-TURKEY - 31 Ara. 2009, Attendee, Antalya, Turkey, 2009
- T. Dilek, M. Başoğlu, E. Taylan Koparan, M.Y. Hacısalihoğlu, E. Yanmaz, "Superconducting Properties of Pure and SiC-doped Bulk MgB₂ Superconductors" 4. Ulusal Süperiletkenler Sempozyumu , Trabzon - 13 Ağu. 2009, Attendee, Trabzon, Turkey, 2009

Citations

Total Citations (WOS):10

h-index (WOS):2