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Publons / Web Of Science ResearcherID: ABI-6447-2020

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2002 - 2004

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 1994 - 2000

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1989 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Talyum tabanlı yüksek sıcaklık süperiletkenlerin elektrik ve manyetik özelliklerinin incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2004

Postgraduate, Dört boyutlu ising modelin creutz cellular automation ile incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 1998

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Fizik, 2018 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Fizik, 2012 - 2018

Assistant Professor, Gazi University, Fen Fakültesi, Fizik, 2009 - 2012

Expert, Diğer (Kurumlar,hastaneler Vb.), Kurumlar, Enerji Ve Tabii Kaynaklar Bakanlığı, 2000 - 2009

Academic and Administrative Experience

Gazi University, Fen Bilimleri Enstitüsü, 2016 - 2018

Gazi University, Fen Fakültesi, 2015 - 2016

Courses

Physics I, Undergraduate, 2022 - 2023

Nanoteknolojiye Giriş 1, Postgraduate, 2022 - 2023

Physics , Undergraduate, 2021 - 2022

Advising Theses

ÇAVDAR Ş., Investigation Of Thermal Properties Of Bi_{1,8}Xgaxpb_{0,2}sr₂cacu₂oy Glass Ceramic System, Postgraduate, D.BULUT(Student), 2019

ÇAVDAR Ş., The Investigation Of Bi-Ga Partial Replacment Effect On Magnetic, Mechanical And Microstructural Properties Of Bi(1,8-X)Pb_{0,2}gaxsr₂cacu₂oy Superconductor, Postgraduate, S.İZMİRLİ(Student), 2019

ÇAVDAR Ş., Investigation Of Superconductivity Properties Of Ybco Tapes Which Have Artificial Pinning Centers Formed By Laser, Doctorate, N.TURAN(Student), 2018

Çavdar Ş., Rutenyum katkılı BI-2212 cam seramik yapının termal ve mekanik özelliklerinin incelenmesi, Postgraduate, T.GÖKÇEN(Student), 2015

Çavdar Ş., TlPb_{0,3}Sr₂Ca_{1-x}SexCu₂Oy FARKLI ORANLARDA SELENYUM KATKISI YAPILMIŞ TALYUM TABANLI YÜKSEK SICAKLIK SÜPERİLETKENLERİN YAPISAL, FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, N.KOL(Student), 2014

Çavdar Ş., PbSe KATKILI BSCCO CAM SERAMİĞİNİN TERMAL, MEKANİK VE MİKROYAPISAL ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, E.DENİZ(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Structural and electrical characterization of Cd-doped ZnO thin films produced on p-type Si substrate by SILAR technique**
ÇAVDAR Ş., Şahin Y., TURAN N., KORALAY H., Tuğluoğlu N.
Journal of Materials Science: Materials in Electronics, vol.34, no.25, 2023 (SCI-Expanded)
- II. **Optoelectronic Properties of Triphenylamine Organic Thin Film Layered Al/p-Si /TPA/Al Heterojunction for Photodiode Application**
ÇAVDAR Ş., İzmirli S., KORALAY H., TURAN N., Eymur S., Tuğluoğlu N.
ECS Journal of Solid State Science and Technology, vol.12, no.4, 2023 (SCI-Expanded)
- III. **Investigation of dielectric properties of amorphous, anatase, and rutile TiO₂ structures**
Oruç P., Turan N., Çavdar Ş., Koralay H., Tuğluoğlu N.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, no.498, pp.1-13, 2023 (SCI-Expanded)
- IV. **Impedance Spectroscopy Characterization of ZnCo₂O₄ Ceramics Obtained by the Sol-Gel Method**
ÇAVDAR Ş., Demiroolmez Y., TURAN N., KORALAY H., Tuğluoğlu N.
Transactions of the Indian Ceramic Society, vol.82, no.2, pp.136-142, 2023 (SCI-Expanded)
- V. **Analysis of voltage mid frequency-dependent series resistance and interface states of Al/ZnCo₂O₄: Gelatin/n-Si diode**
ÇAVDAR Ş., Demiroolmez Y., TURAN N., KORALAY H., TUĞLUOĞLU N.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, pp.22932-22940, 2022 (SCI-Expanded)
- VI. **Impedance Spectroscopy and Structural Characterization of Nanostructured ZnO and Hf-Doped ZnO Ceramics**
Seckin A., Koralay H., Cavdar S., Turan N., Tuğluoglu N.

- VII. **Highly Regular Hexagonally-Arranged Nanostructures on Ni-W Alloy Tapes upon Irradiation with Ultrashort UV Laser Pulses**
Porta-Velilla L., Turan N., Cubero A., Shao W., Li H., de la Fuente G. F., Martinez E., Larrea A., Castro M., KORALAY H., et al.
NANOMATERIALS, vol.12, no.14, 2022 (SCI-Expanded)
- VIII. **The Nucleation Effect of PbSe Additive on Bi₂Sr₂CaCu₂O₈ Glass Ceramics**
ÇAVDAR Ş., Deniz E., TURAN N., Tasci A. T., ÖZTÜRK Ö., Koralay H.
GLASS AND CERAMICS, vol.79, no.1-2, pp.75-81, 2022 (SCI-Expanded)
- IX. **Evaluation of superconducting features and gap coefficients for electron-phonon couplings properties of MgB₂ with multi-walled carbon nanotube addition**
Kaya N., ÇAVDAR Ş., Ozturk O., Yildirim G., Koralay H.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, no.7, pp.3786-3800, 2022 (SCI-Expanded)
- X. **Investigation of Trap States, Series Resistance and Diode Parameters in Al/Gelatin/n-Si Schottky Diode by Voltage and Frequency Dependent Capacitance and Conductance Analysis**
ÇAVDAR Ş., Demiroolmez Y., TURAN N., KORALAY H., TUĞLUOĞLU N., ARDA L.
ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, vol.11, no.2, 2022 (SCI-Expanded)
- XI. **Low-energy ball milling effect on the dielectric response and electrical transport mechanisms of natural clinoptilolite zeolites in a wide temperature range**
Cura Ö., Ajjaq A., ÇAĞIRTEKİN A. O., ÇAVDAR Ş., ACAR S.
Materials Today Communications, vol.29, 2021 (SCI-Expanded)
- XII. **Investigation of temperature dependent electrical and impedance characteristics of bulk Zn_{0.95}Co_{0.05}O**
Turan N., Oruç P., Demiroolmez Y., Seckin A., Çağırtekin A. O., Çavdar Ş., Koralay H., Tugluoglu N.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.100, no.1, pp.147-159, 2021 (SCI-Expanded)
- XIII. **AC conductivity, dielectric and electrical modulus studies of bulk Zn_{0.95}Co_{0.05}O ceramic**
Oruç P., Turan N., Demiroolmez Y., Seckin A., Çavdar Ş., Koralay H., Tugluoglu N.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.12, pp.15837-15850, 2021 (SCI-Expanded)
- XIV. **Investigation of microhardness properties of the multi-walled carbon nanotube additive MgB₂ structure by using the vickers method**
Kaya N., Çavdar Ş., Öztürk Ö., Ada H., Koralay H.
CRYOGENICS, vol.116, 2021 (SCI-Expanded)
- XV. **Comparison of Vickers microhardness of undoped and Ru doped BSCCO glass ceramic materials**
Ozturk O., Asikuzun E., Tasci A. T., Gokcen T., Ada H., KORALAY H., Cavdar Ş.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, no.5, pp.3957-3966, 2018 (SCI-Expanded)
- XVI. **Experimental and theoretical approaches for magnetic, superconducting and structural characterization of Bi_{1.75}Pb_{0.25}Sr₂Ca₂Cu_{3-x}Sn_xO_{10+y} glass ceramics**
Koralay H., Çavdar Ş., Arslan A., Öztürk Ö., Taşçı A. T., Tuğluoğlu N.
CRYOGENICS, vol.88, pp.17-21, 2017 (SCI-Expanded)
- XVII. **Improvement of diode parameters in Al/n-Si Schottky diodes with Coronene interlayer using variation of the illumination intensity**
PAKMA O., ÇAVDAR Ş., KORALAY H., TUĞLUOĞLU N., YÜKSEL Ö. F.
PHYSICA B-CONDENSED MATTER, vol.527, pp.1-6, 2017 (SCI-Expanded)
- XVIII. **Effect of self and dual-curing on degree of conversion and crosslink density of dual-cure core build-up materials**
Karakış D., Yıldırım Biçer A. Z., Doğan A., Koralay H., Çavdar Ş.
JOURNAL OF PROSTHODONTIC RESEARCH, vol.61, no.2, pp.210-216, 2017 (SCI-Expanded)
- XIX. **Laterally Inhomogeneous Barrier Analysis Using Capacitance-Voltage Characteristics of Identically**

Fabricated Schottky Diodes

Çavdar Ş., Tuğluoğlu N., Akgul K. B., Koralay H.

JOURNAL OF ELECTRONIC MATERIALS, vol.45, no.8, pp.3908-3913, 2016 (SCI-Expanded)

- XX. **Detailed Analysis of Device Parameters by Means of Different Techniques in Schottky Devices**
TUĞLUOĞLU N., KORALAY H., Akgul K. B., ÇAVDAR Ş.
JOURNAL OF ELECTRONIC MATERIALS, vol.45, no.8, pp.3859-3865, 2016 (SCI-Expanded)
- XXI. **Experimental and theoretical approaches on thermal and structural properties of Zn doped BSCCO glass ceramics**
Koralay H., Hicyilmaz O., Cavdar Ş., Ozturk O., Tasci A. T.
MATERIALS SCIENCE-POLAND, vol.34, no.1, pp.25-32, 2016 (SCI-Expanded)
- XXII. **A study on nucleation, crystallization kinetics, microstructure and mechanical properties of Ru-Bi partial substituted BSCCO glass ceramics**
Ozturk O., Gokcen T., Cavdar Ş., KORALAY H., Tasci A. T.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.123, no.2, pp.1073-1082, 2016 (SCI-Expanded)
- XXIII. **Structural, electrical and mechanical properties of selenium doped thallium based high-temperature superconductors**
Cavdar Ş., Kol N., KORALAY H., Ozturk O., Asikuzun E., Tasci A. T.
CRYOGENICS, vol.73, pp.1-7, 2016 (SCI-Expanded)
- XXIV. **Analysis of inhomogeneous device parameters using current-voltage characteristics of identically prepared lateral Schottky structures**
Tuğluoglu N., Koralay H., Akgul K. B., Cavdar Ş.
INDIAN JOURNAL OF PHYSICS, vol.90, no.1, pp.43-48, 2016 (SCI-Expanded)
- XXV. **Analysis of the Homogeneous Interface State Density of Identically Prepared Schottky Structures with Nano-Size Oxide Layer by Hill-Coleman Method**
Koralay H., Tuğluoğlu N., Akgul K. B., Çavdar Ş.
JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS, vol.10, no.2, pp.195-199, 2015 (SCI-Expanded)
- XXVI. **Effect of Zn content on microstructure and mechanical performance in $\text{Bi}_{1.8}\text{Sr}_2\text{Ca}_2\text{Cu}_{3.2-x}\text{Zn}_x\text{O}_{10+\delta}$ glass ceramic**
Koralay H., Hicyilmaz O., Cavdar Ş., Asikuzun E., Tasci A. T., Ozturk O.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, no.7, pp.3116-3126, 2014 (SCI-Expanded)
- XXVII. **Structural and mechanical characterization of $\text{Bi}_{1.75}\text{Pb}_{0.25}\text{Sr}_2\text{Ca}_2\text{Cu}_3-x\text{Sn}_x\text{O}_{10+y}$ superconductor ceramics using Vickers microhardness test**
Koralay H., Arslan A., Cavdar Ş., Ozturk O., Asikuzun E., Gunen A., Tasci A. T.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, no.11, pp.4270-4278, 2013 (SCI-Expanded)
- XXVIII. **Effect of vanadium substitution on the microstructural and superconducting properties of $\text{Tl}_2\text{Ba}_2\text{Ca}_{2-x}\text{V}_x\text{Cu}_3\text{O}_y$ superconductors**
Erbilen E., Cavdar Ş., KORALAY H., Gunen A.
PHYSICA B-CONDENSED MATTER, vol.413, pp.36-39, 2013 (SCI-Expanded)
- XXIX. **The Effect of PbSe Addition on the Mechanical Properties of Bi-2212 Superconductors**
Cavdar Ş., Deniz E., KORALAY H., Ozturk O., Erdem M., Gunen A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.7, pp.2297-2307, 2012 (SCI-Expanded)
- XXX. **Crystallization kinetic studies on $\text{Bi}_{(1.75)}\text{Pb}_{(0.25)}\text{Sr}_{(2)}\text{Ca}_{(2)}\text{Cu}_{(3-x)}\text{Sn}_x\text{O}_{(\delta)}$ glass-ceramic by using non-isothermal technique**
Arslan A., Koralay H., Cavdar Ş., Gunen A.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.358, no.9, pp.1190-1195, 2012 (SCI-Expanded)
- XXXI. **Effect of Vanadium Substitution on the Dielectric Properties of Glass Ceramic Bi-2212 Superconductor**
Cavdar Ş., KORALAY H., Altindal Ş.
JOURNAL OF LOW TEMPERATURE PHYSICS, vol.164, pp.102-114, 2011 (SCI-Expanded)

- XXXII. **Kinetics of non-isothermal crystallization of $\text{Bi}_3\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{-xSn}_x\text{O}_{10+\delta}$ glass-ceramics**
KORALAY H., Cavdar Ş., Aksan M. A.
PHYSICA B-CONDENSED MATTER, vol.405, no.23, pp.4801-4805, 2010 (SCI-Expanded)
- XXXIII. **The electrical transport properties and Hall effect measurements on a (TBCCO) superconductor**
Cavdar Ş., Yakuphanoglu F., KORALAY H., Gunen A.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.434, no.1, pp.85-89, 2006 (SCI-Expanded)
- XXXIV. **Dynamical finite-size scaling function of the four dimensional Ising model for Creutz algorithm**
MERDAN Z., Gunen A., Cavdar Ş.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.359, pp.415-422, 2006 (SCI-Expanded)
- XXXV. **Frequency-dependent dielectric characteristics of Tl-Ba-Ca-Cu-O bulk superconductor**
Cavdar Ş., Koralay H., Tugluoglu N., Gunen A.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, vol.18, no.9, pp.1204-1209, 2005 (SCI-Expanded)
- XXXVI. **Investigation of odd-order harmonic susceptibilities of a bulk $\text{Tl}_2\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ superconductors using critical state approach**
Aksu E., Gencer A., Calinli N., Koralay H., Cavdar Ş.
PHYSICA B-CONDENSED MATTER, vol.363, pp.158-165, 2005 (SCI-Expanded)
- XXXVII. **Crystallization kinetics of $\text{Bi}_{1.7}\text{V}_{0.3}\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_x$ glass-ceramic**
KORALAY H., Yakuphanoglu F., Cavdar Ş., Gunen A., Aksu E.
PHYSICA B-CONDENSED MATTER, vol.355, pp.64-71, 2005 (SCI-Expanded)
- XXXVIII. **Microstructural, thermal, and electrical properties of $\text{Bi}_{1.7}\text{V}_{0.3}\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_x$ glass-ceramic superconductor**
Kayed T., Calinli N., Aksu E., Koralay H., Gunen A., Ercan I., Akturk S., Cavdar Ş.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.39, no.12, pp.1063-1069, 2004 (SCI-Expanded)
- XXXIX. **Effect of B_2O_3 addition on the formation and properties of Tl-2212 and Tl-2223 superconductors**
Cavdar Ş., Aksu E., Koralay H., Ozkan H., HASANLI N., Ercan I.
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, vol.199, no.2, pp.272-276, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Investigation of Bi-Ga Partial Replacement Effect on Magnetic, Mechanical and Microstructural Properties $\text{Bi}_{(1,8-x)}\text{Pb}_{0,2}\text{GaxSr}_2\text{CaCu}_2\text{O}_y$ Superconductor**
ÇAVDAR Ş., İZMİRLİ S., TURAN N., KORALAY H.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.10, no.3, pp.423-438, 2022 (Peer-Reviewed Journal)
- II. **$\text{Bi}_{1,8-x}\text{GaxPb}_{0,2}\text{Sr}_2\text{CaCu}_2\text{O}_y$ Cam Seramiklerin Termal Özelliklerinin İncelenmesi**
Çavdar Ş., Turan N., Koralay H., Izmirli S., Bulut D.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.10, no.2, pp.86-102, 2022 (Peer-Reviewed Journal)
- III. **Investigation of the Effect of Temperature on the Structural and Magnetic Properties of MgB_2 Superconductor Produced Using Boron Doped with Carbon by CVD Method**
KAYA N., ÇAVDAR Ş., KORALAY H.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, 2021 (Peer-Reviewed Journal)
- IV. **CVD yöntemi ile karbon katkılanmış bor kullanılarak üretilen MgB_2 'nin mikrosertlik özelliklerinin incelenmesi**
KAYA N., ÇAVDAR Ş., KORALAY H.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, 2020 (Peer-Reviewed Journal)
- V. **A NOVEL DEVICE BEHAVIOR OF $\text{Al/Coronene/n-GaAs/In}$ ORGANICBASED SCHOTTKY BARRIER DIODE**
AKIN Ü., YÜKSEL Ö. F., PAKMA O., KORALAY H., ÇAVDAR Ş., TUĞLUOĞLU N.
New Materials, Compounds and Applications, vol.3, no.1, pp.15-22, 2019 (Peer-Reviewed Journal)
- VI. **FARKLI ORANLARDA PbO VE Se KATKISININ $\text{Bi}_2\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_x$ (BSCCO) CAM SERAMİK SİSTEMİNDEKİ**

ISIL ÖZELLİKLERİNE ETKİSİ

KORALAY H., KILIÇ G., TUĞLUOĞLU N., ÇAVDAR Ş.

Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.5, no.1, pp.91-98, 2017 (Peer-Reviewed Journal)

VII. Analysis of hopping conduction and space charge limited currents in nearly ideal metal semiconductor contacts

Koralay H., Tuğluoğlu N., Kübra Bengi A., Çavdar Ş.

Gazi University Journal of Science, vol.27, no.3, pp.901-907, 2014 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **An Experimental Study on Capacitance-Voltage and Conductance-Voltage Characteristics of a Novel p-Si/Terpiridin-Ferrosen/Al Device**
ÇAVDAR Ş., TURAN N.
International Conference On Quantum Materials And Technologies (ICQMT2022), Muğla, Turkey, 16 - 22 October 2022
- II. **Effect Of Znco2o4 Nanoparticle Doping, Produced By The Sol-Jel Method, On The Electrical Properties Of Gelatin Thin Films**
DEMİRÖLMEZ Y., TURAN N., ÇAVDAR Ş., KORALAY H., TUĞLUOĞLU N.
INTERNATIONAL MARMARA SCIENCES CONGRESS IMASCON 2021 AUTUMN, Turkey, 10 December 2021
- III. **Investigation Of Impedance Spectroscopy Of Cadmium Doped Zn Thin Films Produced By The Silar Method**
TURAN B., ÇAVDAR Ş., TURAN N., KORALAY H., TUĞLUOĞLU N.
INTERNATIONAL MARMARA SCIENCES CONGRESS IMASCON 2021 AUTUMN, Turkey, 10 - 11 December 2021
- IV. **Farklı Yöntemlerle Sentezlenen İndirgenmiş Grafen Oksitlerin Karakterizasyonu Ve Eva Nanokompozit Film Üzerindeki Etkilerinin İncelenmesi**
ÖZAL T., ÇAVDAR Ş., KORALAY H.
TRAKYA ÜNİVERSİTELER BİRLİĞİ V. LİSANSÜSTÜ ÖĞRENCİ KONGRESİ, Turkey, 4 - 05 November 2021
- V. **INVESTIGATION OF MECHANICAL PROPERTIES OF MULTI-WALLED CARBON NANOTUBE DOPED MgB2**
KAYA N., KORALAY H., ÇAVDAR Ş., ÖZTÜRK Ö.
7th International Conference on Superconductivity and Magnetism, Turkey, 21 - 27 October 2021
- VI. **INVESTIGATION OF Bi1.775Pb0.2Ga0.25Sr2CaCu2Oy GLASS-CERAMIC SUPERCONDUCTOR**
izmirli s., BULUT D., KORALAY H., ÇAVDAR Ş.
7th International Conference on Superconductivity and Magnetism, Bodrum, Turkey, 21 - 27 October 2021
- VII. **TEMPERATURE-DEPENDENT CURRENT CONDUCTION ANALYSIS OF NATURAL ZEOLITES**
CURA Ö., Ajjaq A., ÇAĞIRTEKİN A. O., ÇAVDAR Ş., ACAR S.
3. HAGIA SOPHIA INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY SCIENTIFIC STUDIES, İstanbul, Turkey, 15 September 2021
- VIII. **SOL JEL YÖNTEMİYLE ÜRETİLEN Zn 0.95 Co 0.05 O BULK YAPISININ DİELEKTRİK ÖZELLİKLERİNİN İNCELENMESİ**
TURAN N., DEMİRÖLMEZ Y., ÇAVDAR Ş., KORALAY H., TUĞLUOĞLU N.
5th INTERNATIONAL MARDİN ARTUKLU SCIENTIFIC RESEARCHES CONFERENCE, Turkey, 15 - 16 January 2021
- IX. **KORONEN ORGANİK ARAYÜZEY TABAKALI SCHOTTKY DİYOTLARDA KARAKTERİSTİK PARAMETRELERİN BELİRLENMESİ**
KORALAY H., öznel y., TUĞLUOĞLU N., Seçkin A., ÇAVDAR Ş.
2nd International Turkish World Engineering and Science Congress, 7 - 10 November 2019
- X. **KORONEN ORGANİK ARAYÜZEY TABAKALI SCHOTTKY DİYOTLARDA KARAKTERİSTİK PARAMETRELERİN BELİRLENMESİ**
ÖZNAL Y., KORALAY H., TUĞLUOĞLU N., SEÇKİN A., ÇAVDAR Ş.

2nd International Turkish World Engineering and Science Congress, Antalya, Turkey, 07 November 2019

- XI. **PRODUCTION OF MgB₂ BY USING CARBONCAPSULATED BORON WITH CVD METHOD**
KORALAY H., KAYA N., ÖZTÜRK Ö., TURAN N., ÇAVDAR Ş.
Türk Fizik Derneği 35. Uluslararası Fizik Kongresi, Turkey, 4 - 08 September 2019
- XII. **Microstructural, Mechanical And Electrical Characterization Of Co Nanoparticle Doped Y₃Ba₅Cu_{8-x}CoxO₁₈ Superconducting System**
ÖZTÜRK Ö., Arebat R., BULUT F., Nefrow A., ÇELİK Ş., ÇAVDAR Ş., KORALAY H.
6th International Conference on Superconductivity and Magnetism (ICSM 2018), Antalya-Turkey, 29 April - 04 May 2018
- XIII. **CRYSTALLIZATION KINETICS AND GLASS TRANSITION KINETICS OF THE Bi_{1.9}Pb_{0.3}Sr₂Ca₂Cu_{3-x}CoxO₇ GLASS-CERAMIC SYSTEM**
KORALAY H., ÖZTÜRK Ö., TUĞLUOĞLU N., KAYA N., TURAN N., TAYANÇ T., ÇAVDAR Ş.
6th INTERNATIONAL CONFERENCE ON SUPERCONDUCTIVITY AND MAGNETISM, 29 April - 04 May 2018
- XIV. **BSCCO Cam Seramik Malzemesine Co Katkısının Etkisi**
KORALAY H., ÖZTÜRK Ö., TUĞLUOĞLU N., KAYA N., TAŞÇI A. T., ÇELİK Ş., ÇAVDAR Ş.
1st International Turkish World Engineering and Science Congress, 7 - 10 December 2017
- XV. **Anormal Etkileşmelerde b Kuark Üretiminin FCC de İncelenmesi**
TAŞÇI A. T., ÖZTÜRK Ö., ÇAVDAR Ş., KORALAY H., ÇELİK Ş., ALAMIN R.
1st International Turkish World Engineering and Science Congress – ITWESC, 7 - 10 December 2017
- XVI. **Bi(1.8-x)Pb_{0.2}GaxSr₂CaCu₂O_y cam seramik süperiletkeninin yapısal ve manyetik özelliklerinin incelenmesi**
ÇAVDAR Ş., İZMİRLİ S., TAŞÇI A. T., KORALAY H.
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