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International Researcher IDs

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Education Information

Doctorate, Universiteit Leiden, Üretim Yönetimi Ve Pazarlama Anabilim Dalı, Fizik, Netherlands 1986 - 1990

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1983 - 1986

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Fizik Mühendisliği, Turkey 1979 - 1983

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı Magnetik Maddelerin A.C Alanda Ölçülen Lineer Olmayan Duygunlukları , Universiteit Leiden, Çü. Fen Bilimleri Enstitüsü, Fizik, 1990

Postgraduate, Oda Sıcaklığında Magnetik Maddelerin Mıknatıslanmasını Ölçebilen bir Magnetometre Yapımı, Kalibrasyonu ve Önölçümler , Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1986

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Material Characterization, Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Thermal Properties of Condensed Matter, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Magnetic Properties and Materials, Superconductivity, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2000 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1994 - 2000

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1991 - 1994

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1984 - 1991

Academic and Administrative Experience

Cukurova University, 2012 - 2015
Cukurova University, 2002 - 2005
Cukurova University, 2002 - 2005
Cukurova University, 2000 - 2005
Cukurova University, Beden Eğitimi Ve Spor Yüksekokulu, 2000 - 2002

Courses

Yüksek Sıcaklık Süperiletkenlerin Teknolojik Uygulamaları, Undergraduate, 2013 - 2014
Fizik2, Undergraduate, 2013 - 2014
Fizik 1, Undergraduate, 2013 - 2014
Yüksek Sıcaklık Süperiletkenliğine Giriş, Undergraduate, 2013 - 2014

Advising Theses

ÖZÇELİK B., Polimerizasyon Tekniğiyle Üretilen Potasyum (K) katkılı BSCCO Süperiletken malzemelerin fiziksel özelliklerinin incelenmesi, Postgraduate, E.Yalaz(Student), 2013
ÖZÇELİK B., Co katkısının BSCCO süperiletkeninin yapısal ve fiziksel özellikleri üzerindeki etkilerinin araştırılması, Postgraduate, A.Özslan(Student), 2013
ÖZÇELİK B., Lazer tekniği ile üretilen katkılı BSCCO süperiletkenlerin fiziksel özelliklerinin araştırılması, Doctorate, H.Gündoğmuş(Student), 2013
ÖZÇELİK B., Atımlı Laser Yığılımı (PLD) Tekniği Kullanılarak Üretilen BSCCO İnce Filmlerin fiziksel özelliklerinin araştırılması, Doctorate, O.Nane(Student), 2013
ÖZÇELİK B., Ce katkısının BSCCO süperiletkeninin fiziksel özellikleri üzerindeki etkilerinin araştırılması, Postgraduate, C.Kaya(Student), 2012
ÖZÇELİK B., Tungsten katkılı BSCCO süperiletken malzeme üretimi ve üretilen malzemenin fiziksel özelliklerinin araştırılması, Postgraduate, N.Türk(Student), 2011
ÖZÇELİK B., Tek fazlı BSCCO süperiletken malzeme üretimi ve üretilen malzemenin fiziksel özelliklerinin araştırılması, Doctorate, D.Yazıcı(Student), 2010
ÖZÇELİK B., Sm1-xTbxNi4B Bileşiklerinin Fiziksel Özelliklerinin Araştırılması, Postgraduate, O.Nane(Student), 2009
ÖZÇELİK B., Sm1-xGdxNi4B Bileşiklerinin Fiziksel Özelliklerinin Araştırılması, Postgraduate, N.Kantarıcı(Student), 2009
ÖZÇELİK B., Nd ve Gd Katkılı Süperiletken Sisteminin Fiziksel ve Isısal Özellikleri, Doctorate, B.Özkurt(Student), 2007
ÖZÇELİK B., Fosfin Metal Komplekslerinin Fiziksel Özellikleri, Postgraduate, D.Yazıcı(Student), 2007
ÖZÇELİK B., Fosfinli Metal Komplekslerin Optik Özellikleri, Postgraduate, H.Gündoğmuş(Student), 2006
ÖZÇELİK B., BSCCO Süperiletkenlerine Yapılan Katkıların Yapısal ve Fiziksel Özelliklerine Etkileri, Doctorate, A.Ekicibil(Student), 2005
ÖZÇELİK B., BSCCO Süperiletken Sistemine Farklı Konsantrasyonlarda Godalanyum Katkılmasının Malzemenin Yapısal, Elektriksel ve Manyetik Özellikleri Üzerindeki Etkisi, Doctorate, A.Coşkun(Student), 2004
ÖZÇELİK B., Nöron Dinamiğinin İncelenmesi, Postgraduate, A.Murat(Student), 2003
ÖZÇELİK B., Bazı Magnetik Malzemelerin Fiziksel Özelliklerinin İncelenmesi, Postgraduate, B.Özkurt(Student), 2003
ÖZÇELİK B., Antiferromagnetik Özellik Gösteren Seyreltik Malzemelerin Fiziksel Özellikleri, Postgraduate, S.Seçkin(Student), 2003
ÖZÇELİK B., Magnetik Sistemlerin Faz Geçiş Bölgeleri Civarındaki Kritik Davranışlarının İncelenmesi, Postgraduate, F.Karadağ(Student), 1998
ÖZÇELİK B., HTc Süperiletkenlerin Fiziksel Özelliklerinin Teorisi, Postgraduate, A.Ekicibil(Student), 1998
ÖZÇELİK B., HTc Süperiletkenlerin Fiziksel Özelliklerinin İncelenmesi, Postgraduate, A.Coşkun(Student), 1998

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of divalent ion of strontium substitution on the structural, optical, magnetic and blood compatibility studies in cobalt ferrite**
ERGİN İ., ÖZÇELİK S., İÇİN K., Yalçın B., Arda L., ÖZÇELİK B.
Physica Scripta, vol.99, no.6, 2024 (SCI-Expanded)
- II. **Highly efficient magnetically separable SrFe₁₂O₁₉ for photo-assisted oxidation of benzylic alcohol derivatives under visible light**
AlDhawi Z. A., Alousi L., Ercan İ., ÖZÇELİK B., Kochkar H., Benali A.
Journal of Alloys and Compounds, vol.982, 2024 (SCI-Expanded)
- III. **Remarkable variation in microstructural, thermoelectric, and magnetic properties of CaMnO₃ through Ce doping**
GÜRSUL M., ÇETİN G., ERGİN İ., Korkmaz L., ÖZÇELİK B., Torres M., Madre M., Sotelo A.
Materials Science and Engineering: B, vol.299, 2024 (SCI-Expanded)
- IV. **Sr-doped CuFe₂O₄ nanoparticles: Exploring structural, magnetic, and blood compatibility characteristics**
ERGİN İ., ÖZÇELİK S., Yalçın B., Arda L., İÇİN K., ÖZÇELİK B.
Ceramics International, 2024 (SCI-Expanded)
- V. **Drastic microstructural modification of Bi₂Ca₂Co₂O_y ceramics by Na doping and laser texturing**
Özçelik C., Depci T., Gürsul M., Çetin G., Özçelik B., Torres M. A., Madre M. A., Sotelo A.
Boletín de la sociedad española de cerámica y vidrio, vol.61, no.6, pp.634-640, 2022 (SCI-Expanded)
- VI. **Structural, optical, and electrical properties of Zn(1-x)Mg_xO nano-compounds and ZnO/Zn(1-x)Mg_xO heterostructures**
Ercan F., Alamroo N., Ghrib T., Kayed T., ÖZÇELİK B., ERCAN İ., Alonizan N., Abubshait S. A.
MATERIALS CHEMISTRY AND PHYSICS, vol.290, 2022 (SCI-Expanded)
- VII. **BaTiO₃/(Co_{0.8}Ni_{0.1}Mn_{0.1}Fe_{1.9}Ce_{0.1}O₄)(x) composites: Analysis of the effect of Co_{0.8}Ni_{0.1}Mn_{0.1}Fe_{1.9}Ce_{0.1}O₄ doping at different concentrations on the structural, morphological, optical, magnetic, and magnetoelectric coupling properties of BaTiO₃**
Slimani Y., Sivakumar R., Meena S. S., Vignesh R., Yasin G., Hannachi E., Almessiere M. A., Trabelsi Z., Batoo K. M., Baykal A., et al.
CERAMICS INTERNATIONAL, vol.48, no.20, pp.30499-30509, 2022 (SCI-Expanded)
- VIII. **Structural, magnetic and gamma-ray shielding features of Zn doped Mg₂FeTiO₆ double perovskite**
Alqahtani M., Ercan F., Saleh N. A., Mhareb M. H. A., Dwaikat N., Sayyed M. I., Abokhamis F., Abdulrazzaq A., ÖZÇELİK B., Ercan I., et al.
PHYSICA B-CONDENSED MATTER, vol.640, 2022 (SCI-Expanded)
- IX. **Detailed low temperature studies on thermoelectric performance of K-doped Bi₂Ca₂Co₂O_y ceramics fibers**
Ozcelik C., Depci T., Cetin G., Gursul M., Ozcelik B., Madre M. A., Sotelo A., Ando H., Terashima K., Takano Y.
PHYSICA SCRIPTA, vol.97, no.8, 2022 (SCI-Expanded)
- X. **Investigation of nano-crystalline strontium hexaferrite magnet powder from mill scale waste by the mechanochemical synthesis: Effect of the annealing temperature**
İçin K., Ergin İ., Sünbül S. E., Öztürk S., Özçelik B., Çakıl D. D.
MATERIALS CHEMISTRY AND PHYSICS, vol.290, no.126513, pp.1-15, 2022 (SCI-Expanded)
- XI. **Impact of silver addition on the superconducting performances of Bi₂Sr₂Ca_{0.925}Na_{0.075}Cu₂O_y:Ag composite fibers**
Atilla B., Ergin İ., Gürsul M., Özçelik B.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.1, no.1, pp.1-10, 2022 (SCI-Expanded)
- XII. **Role of Y substitution for Ca-site on magneto-resistivity properties of Bi-2212 superconductor rods prepared by LFZ**
GÜRSUL M., Ozcelik C., ERGİN İ., Madre M. A., Sotelo A., ÖZÇELİK B.
MATERIALS CHEMISTRY AND PHYSICS, vol.282, 2022 (SCI-Expanded)
- XIII. **Low temperature thermoelectric properties of Na-substituted Bi₂Ca₂Co₂O_y ceramics fabricated via LFZ technique**

- Ozcelik B., Cetin G., Gursul M., Ozcelik C., Depci T., Madre M. A., Sotelo A., Ando H., Terashima K., Takano Y.
 MATERIALS CHEMISTRY AND PHYSICS, vol.278, 2022 (SCI-Expanded)
- XIV. **(BaTiO₃)(1-x) + (Co_{0.5}Ni_{0.5}Nb_{0.06}Fe_{1.94}O₄)(x) nanocomposites: Structure, morphology, magnetic and dielectric properties**
 Slimani Y., Shirsath S. E., Hannachi E., Almessiere M. A., Aouna M. M., Aldossary N. E., Yasin G., Baykal A., ÖZÇELİK B., Ercan I.
 JOURNAL OF THE AMERICAN CERAMIC SOCIETY, vol.104, no.11, pp.5648-5658, 2021 (SCI-Expanded)
- XV. **Tuning thermoelectric properties of Bi₂Ca₂Co₂O_y through K doping and laser floating zone processing**
 Ozcelik C., Depci T., GÜRSUL M., ÇETİN G., ÖZÇELİK B., Torres M. A., Madre M. A., Sotelo A.
 SOLID STATE SCIENCES, vol.120, 2021 (SCI-Expanded)
- XVI. **Significant enhancement of superconducting performances of Bi-2212 fibers through combined sodium substitution and LFZ process**
 GÜRSUL M., Ergin İ., Ozcelik C., Depci T., ÖZÇELİK B., Madre M. A., Sotelo A.
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.13, pp.17686-17699, 2021 (SCI-Expanded)
- XVII. **Structural, optical, magnetic, photocatalytic activity and related biological effects of CoFe₂O₄ ferrite nanoparticles**
 YALÇIN B., ÖZÇELİK S., İÇİN K., ŞENTÜRK K., ÖZÇELİK B., ARDA L.
 Journal of Materials Science: Materials in Electronics, vol.32, 2021 (SCI-Expanded)
- XVIII. **Structure, magnetic, photocatalytic and blood compatibility studies of nickel nanoferrites prepared by laser ablation technique in distilled water**
 Ozcelik S., Yalcin B., Arda L., Santos H., Saez-Puche R., Angurel L. A., de la Fuente G. F., Ozcelik B.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.854, 2021 (SCI-Expanded)
- XIX. **High speed processing of NiFe₂O₄ spinel using a laser furnace**
 Ozcelik B., Ozcelik S., Amaveda H., Santos H., Borrell C. J., Saez-Puche R., de la Fuente G. F., Angurel L. A.
 JOURNAL OF MATERIMICS, vol.6, no.4, pp.661-670, 2020 (SCI-Expanded)
- XX. **A study on thermoelectric performance and magnetic properties of Ti-doped Bi₂Sr₂Co_{1.8}O_y ceramic materials**
 Ozcelik B., Cetin G., Gursul M., Madre M., Sotelo A.
 MATERIALS CHEMISTRY AND PHYSICS, vol.256, 2020 (SCI-Expanded)
- XXI. **Increase of electric performances in Bi₂Sr_{2-x}Rb_xCo₂O_{8+delta} laser grown ceramics induced by annealing**
 ÖZÇELİK B., ÇETİN G., GÜRSUL M., Ozcelik C., Torres M. A., Madre M. A., Sotelo A.
 SOLID STATE SCIENCES, vol.108, 2020 (SCI-Expanded)
- XXII. **Drastic modification of low temperature thermoelectric properties of Na-doped Bi₂Sr₂Co₂O_y ceramics prepared via laser floating zone technique**
 Cetin G., Ozcelik B., Gursul M., Madre M. A., Sotelo A., Adachi S., Takano Y.
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.18, pp.15558-15564, 2020 (SCI-Expanded)
- XXIII. **Investigation of structural, morphological, optical, magnetic and dielectric properties of (1-x)BaTiO₃/xSr_{0.92}Ca_{0.04}Mg_{0.04}Fe₁₂O₁₉ composites**
 Slimani Y., Almessiere M. A., Shirsath S. E., Hannachi E., Yasin G., Baykal A., Ozcelik B., Ercan I.
 JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.510, 2020 (SCI-Expanded)
- XXIV. **Effect of annealing and potassium substitution on the thermoelectric and magnetic properties of directionally grown Bi₂Sr₂Co₂O_y ceramics**
 ÇETİN G., ÖZÇELİK B., GÜRSUL M., Torres M. A., Madre M. A., Sotelo A.
 Boletín de la Sociedad Española de Cerámica y Vidrio, vol.59, no.3, pp.121-128, 2020 (SCI-Expanded)
- XXV. **Effect of Rubidium Substitution on the Physical and Superconducting Properties of Textured High-T_c BSCCO Samples**
 Ozcelik B., Ergin İ., Madre M. A., Sotelo A.

- JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.5, pp.1285-1292, 2020 (SCI-Expanded)
- XXVI. **Structural, optical and magnetic properties of Tb³⁺ substituted Co nanoferrites prepared via sonochemical approach**
Sadaqat A., Almessiere M., Slimani Y., Guner S., Sertkol M., Albetran H., Baykal A., Shirsath S. E., Ozcelik B., Ercan I.
CERAMICS INTERNATIONAL, vol.45, pp.22538-22546, 2019 (SCI-Expanded)
- XXVII. **Sonochemical Synthesis of CoFe_{2-x}Nd_xO₄ Nanoparticles: Structural, Optical, and Magnetic Investigation**
Almessiere M. A., Slimani Y., Korkmaz A. D., Sertkol M., Baykal A., Ercan I., Ozcelik B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.12, pp.3837-3844, 2019 (SCI-Expanded)
- XXVIII. **Effect of Cesium Substitution on the Superconducting Properties of Bi-2212 Samples Prepared Via Solid-State Reaction and Laser Floating Zone Technique**
Ergin İ., Ozcelik B., Madre M. A., Sotelo A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.11, pp.3439-3448, 2019 (SCI-Expanded)
- XXIX. **Sonochemical synthesis of Eu³⁺ substituted CoFe₂O₄ nanoparticles and their structural, optical and magnetic properties**
Almessiere M. A., Slimani Y., Korkmaz A. D., Taskhandi N., Sertkol M., Baykal A., Shirsath S. E., Ercan I., Ozcelik B.
ULTRASONICS SONOCHEMISTRY, vol.58, 2019 (SCI-Expanded)
- XXX. **Structural, magnetic, optical properties and cation distribution of nanosized Ni_{0.3}Cu_{0.3}Zn_{0.4}Tm_xFe_{2-x}O₄ (0.0 ≤ x ≤ 0.10) spinel ferrites synthesized by ultrasound irradiation**
Slimani Y., Almessiere M. A., Sertkol M., Shirsath S. E., Baykal A., Nawaz M., Akhtar S., Ozcelik B., Ercan I.
ULTRASONICS SONOCHEMISTRY, vol.57, pp.203-211, 2019 (SCI-Expanded)
- XXXI. **Effect of Carbon Nanotube Addition on the Superconducting Properties of BSCCO Samples Textured via Laser Floating Zone Technique**
Ozcelik B., Ergin İ., Depci T., Yavuz H., Madre M. A., Sotelo A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.10, pp.3135-3141, 2019 (SCI-Expanded)
- XXXII. **Structural, superconducting and vortex pinning properties of Nb-substituted Bi-2212 ceramic superconductor**
Nane F. K., Ozcelik B.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, pp.12783-12789, 2019 (SCI-Expanded)
- XXXIII. **Magnetic and structural characterization of Nb³⁺-substituted CoFe₂O₄ nanoparticles**
Almessiere M. A., Slimani Y., Guener S., Nawaz M., Baykal A., Aldakheel F., Akhtar S., Ercan I., Belenli I., Ozcelik B.
CERAMICS INTERNATIONAL, vol.45, no.7, pp.8222-8232, 2019 (SCI-Expanded)
- XXXIV. **Effect of Nb³⁺ Substitution on the Structural, Magnetic, and Optical Properties of Co_{0.5}Ni_{0.5}Fe₂O₄ Nanoparticles**
Almessiere M. A., Slimani Y., Sertkol M., Nawaz M., Sadaqat A., Baykal A., Ercan I., ÖZÇELİK B.
NANOMATERIALS, vol.9, no.3, 2019 (SCI-Expanded)
- XXXV. **Structural and physical properties of Na-substituted K_{0.8}Fe_{2-y}Se₂ single crystal**
GÜRSUL M., ÖZÇELİK B., LIU M., BOLTALIN A. I., MOROZOV I. V.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.777, pp.1074-1079, 2019 (SCI-Expanded)
- XXXVI. **The effect of Nb substitution on magnetic properties of BaFe₁₂O₁₉ nanohexaferrites**
ALMESSIERE M. A., SLIMANI Y., TASHKANDI N. A., Baykal A., SARAÇ M. S., TRUKHANOV A. V., ERCAN I., BELENLI I., ÖZÇELİK B.
CERAMICS INTERNATIONAL, vol.45, no.2, pp.1691-1697, 2019 (SCI-Expanded)
- XXXVII. **Effect of Na-substitution on magnetoresistance and flux pinning energy of Bi-2212 ceramics prepared via hot-forging process**
ÖZÇELİK B., GÜRSUL M., Nane F. K., Madre M. A., Sotelo A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, no.22, pp.19147-19154, 2018 (SCI-Expanded)
- XXXVIII. **Continuous processing of Bi₂Sr₂CaCu₂O₈+delta precursor powders**
LALIENA C., AMAVEDA H., ÖZÇELİK B., MARTINEZ E., DE LA FUENTE G. F., ANGUREL L. A.

CERAMICS INTERNATIONAL, vol.44, no.12, pp.14865-14872, 2018 (SCI-Expanded)

- XXXIX. **The cooling rate effect on structure and flux pinning force of FeTeSe single crystal deposited by self-flux method**
Farisoğulları D., GULER N. K., Yakinci K., EKİCİBİL A., KARADAĞ F., Yakinci M. E., ÖZÇELİK B.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, no.8, pp.6477-6483, 2018 (SCI-Expanded)
- XL. **Effect of Na-doping on thermoelectric and magnetic performances of textured Bi₂Sr₂Co₂O_y ceramics**
KARAKAYA G., ÖZÇELİK B., TORRES M. A., Madre M. A., Sotelo A.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.38, no.2, pp.515-520, 2018 (SCI-Expanded)
- XLI. **Improvement of Bi₂Sr₂Co₂O_y thermoelectric performances by Na doping**
KARAKAYA G., ÖZÇELİK B., Nane O., Sotelo A., RASEKH S., TORRES M. A., Madre M. A.
JOURNAL OF ELECTROCERAMICS, vol.40, no.1, pp.11-15, 2018 (SCI-Expanded)
- XLII. **Physical, electrical and magnetic properties of Cr doped Bi₂Sr₂Ca₁Cu_{2-x}Cr_xO_y (Bi-2212) superconductors prepared by laser floating zone technique**
Gun E., Ozkurt B., ÖZÇELİK B., Madre M. A., Sotelo A., DIEZ J. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.17, pp.13120-13125, 2017 (SCI-Expanded)
- XLIII. **Effects of K substitution on thermoelectric and magnetic properties of Bi₂Sr₂Co₂O_y ceramic**
KARAKAYA G., ÖZÇELİK B., TORRES M. A., Madre M. A., Sotelo A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.17, pp.12652-12659, 2017 (SCI-Expanded)
- XLIV. **Effect of Na substitution and Ag addition on the superconducting properties of Bi-2212 textured materials**
ÖZÇELİK B., NANE O., Sotelo A., AMAVEDA H., Madre M. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.8, pp.6278-6283, 2017 (SCI-Expanded)
- XLV. **Effect of Na substitution on superconducting properties of Bi-2212 ceramics prepared by Sinter-Forged process**
Nane O., ÖZÇELİK B., Sotelo A., Madre M. A.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.37, no.3, pp.1007-1012, 2017 (SCI-Expanded)
- XLVI. **Enhanced physical properties of single crystal Fe_{0.99}Te_{0.63}Se_{0.37} prepared by self-flux synthesis method**
Onar K., Oezcelik B., GULER N. K., OKAZAKI H., TAKEYA H., TAKANO Y., YAKINCI M. C.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.683, pp.164-170, 2016 (SCI-Expanded)
- XLVII. **Effect of Sodium Substitution on Structural and Magnetic Properties of KFe_{2-y}Se₂**
GÜRSUL M., ÖZÇELİK B., EKİCİBİL A., LİU M., Boltalin A. I., Morozov I. V.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.29, no.9, pp.2401-2406, 2016 (SCI-Expanded)
- XLVIII. **Effect of V substitution on vortex pinning and superconducting properties of Bi-2212 superconductor**
Nane O., ÖZÇELİK B.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.27, no.7, pp.7633-7639, 2016 (SCI-Expanded)
- XLIX. **Improvement of structural and superconducting properties of Bi-2212 textured rods by substituting sodium**
Nane O., ÖZÇELİK B., AMAVEDA H., Sotelo A., Madre M. A.
CERAMICS INTERNATIONAL, vol.42, no.7, pp.8473-8477, 2016 (SCI-Expanded)
- L. **Effect of Cooling Rate on Structure, Composition, and Superconducting Properties of FeTe_{0.6}Se_{0.4} Prepared by Self-Flux Technique**
GÜRSUL M., EKİCİBİL A., GULER N. K., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.29, no.5, pp.1187-1192, 2016 (SCI-Expanded)

- LI. **The effects of the post-annealing time on the growth mechanism of Bi(2)Sr(2)CaCu(2)O(8-partial derivative) thin films produced on MgO (100) single crystal substrates by pulsed laser deposition (PLD)**
Nane O., ÖZÇELİK B., Abukay D.
CERAMICS INTERNATIONAL, vol.42, no.5, pp.5778-5784, 2016 (SCI-Expanded)
- LII. **Effect of Yttrium substitution on superconductivity in Bi-2212 textured rods prepared by a LFZ technique**
ÖZÇELİK B., Nane O., Sotelo A., Madre M. A.
CERAMICS INTERNATIONAL, vol.42, no.2, pp.3418-3423, 2016 (SCI-Expanded)
- LIII. **Fabrication and evolution of nanoprecursors to produce Bi(Pb)-2212/Ag textured superconducting composites**
Sotelo A., ÖZÇELİK B., AMAVEDA H., BRUNED A., Madre M. A.
CERAMICS INTERNATIONAL, vol.41, no.10, pp.14276-14284, 2015 (SCI-Expanded)
- LIV. **Thermal Conductivity and Thermoelectric Power of Potassium and Sodium-Substituted Bi-2212 Superconductor Prepared by PEI Technique**
ÖZÇELİK B., TANGUNER A., GÜRSUL M., Sotelo A., Madre M. A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.9, pp.2641-2647, 2015 (SCI-Expanded)
- LV. **Structure and physical properties of iron-selenide $K_xFe_{2-y}Se_2$**
GULER N. K., ÖZÇELİK B., EKİCİBİL A., Onar K., YAKINCI M. C., OKAZAKI H., TAKEYA H., TAKANO Y.
MATERIALS CHEMISTRY AND PHYSICS, vol.164, pp.157-162, 2015 (SCI-Expanded)
- LVI. **Effect of Yb substitution in Bi-2212 ceramics prepared by laser floating zone technique**
Ozkurt B., ÖZÇELİK B., Madre M. A., Sotelo A., Diez J. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.26, no.8, pp.5761-5766, 2015 (SCI-Expanded)
- LVII. **Sintering Effects in Na-Substituted Bi-(2212) Superconductor Prepared by a Polymer Method**
GÜRSUL M., EKİCİBİL A., ÖZÇELİK B., Madre M. A., Sotelo A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.7, pp.1913-1924, 2015 (SCI-Expanded)
- LVIII. **Magnetocaloric Properties of $La_{0.85}Ag_{0.15}MnO_3$ and $(La_{0.80}Pr_{0.20})(0.85)Ag_{0.15}MnO_3$ Compounds**
Ayas A. O., AKYOL M., CETIN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.6, pp.1649-1658, 2015 (SCI-Expanded)
- LIX. **Improvement of the intergranular pinning energy in the Na-doped Bi-2212 superconductors**
ÖZÇELİK B., GÜRSUL M., Sotelo A., Madre M. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.26, no.5, pp.2830-2837, 2015 (SCI-Expanded)
- LX. **The Effect of K Substitution on Magnetoresistivity and Activation Energy of Bi-2212 System**
ÖZÇELİK B., YALAZ E., YAKINCI M. C., Sotelo A., Madre M. A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.2, pp.553-559, 2015 (SCI-Expanded)
- LXI. **Improvement of superconducting properties in Na-doped BSCCO superconductor**
ÖZÇELİK B., GÜRSUL M., Sotelo A., Madre M. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.26, no.1, pp.441-447, 2015 (SCI-Expanded)
- LXII. **The Annealing Effects in the Iron-Based Superconductor $FeTe_{0.8}Se_{0.2}$ Prepared by the Self-Flux Method**
Guler N. K., EKİCİBİL A., ÖZÇELİK B., Onar K., YAKINCI M. C., Okazaki H., Takeya H., Takano Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.27, no.12, pp.2691-2697, 2014 (SCI-Expanded)
- LXIII. **Effect of K substitution on Structural, Electrical and Magnetic Properties of Bi-2212 system**
ÖZÇELİK B., GÜRSUL M., Sotelo A., Madre M. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, no.10, pp.4476-4482, 2014 (SCI-Expanded)
- LXIV. **Effect of (Ta/Nb) co-doping on the magnetoresistivity and flux pinning energy of the BPSCCO superconductors**
ÖZÇELİK B., Gundogmus H., Yazici D.

- JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, no.6, pp.2456-2462, 2014 (SCI-Expanded)
- LXV. **Effect of Tungsten (W) Substitution on the Physical Properties of Bi-(2223) Superconductors**
Turk N., Gundogmus H., AKYOL M., Yakinci Z. D., EKİCİBİL A., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.27, no.3, pp.711-716, 2014 (SCI-Expanded)
- LXVI. **Effect of Ce Substitution on the Magnetoresistivity and Flux Pinning Energy of the Bi₂Sr₂Ca_{1-x}Ce_xCu₂O₈+ δ Superconductors**
ÖZÇELİK B., Kaya C., Gundogmus H., Sotelo A., Madre M. A.
JOURNAL OF LOW TEMPERATURE PHYSICS, vol.174, pp.136-147, 2014 (SCI-Expanded)
- LXVII. **Thermal, electrical and optical properties of phosphine metal complex including Ni**
Yazici D., Gundogmus H., ÖZÇELİK B., Serindag O.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.16, pp.31-35, 2014 (SCI-Expanded)
- LXVIII. **Structural, Electrical, and Magnetic Properties of the Co-Substituted Bi-2212 System Textured by Laser Floating Zone Technique**
Ozaslan A., ÖZÇELİK B., Ozkurt B., Sotelo A., Madre M. A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.27, no.1, pp.53-59, 2014 (SCI-Expanded)
- LXIX. **Mechanical Properties of BSCCO Superconductor by Oliver-Pharr Method and Work of Indentation Approach**
Kolemen U., Uzun O., Emeksiz C., Yilmaz F., Coskun A., EKİCİBİL A., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.11, pp.3215-3219, 2013 (SCI-Expanded)
- LXX. **The effects of the post-annealing temperature on the growth mechanism of Bi₂Sr₂Ca₁Cu₂O₈+partial derivative thin films produced on MgO (100) single crystal substrates by pulsed laser deposition (PLD)**
Nane O., ÖZÇELİK B., Abukay D.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.566, pp.175-179, 2013 (SCI-Expanded)
- LXXI. **Effect of Yb-substitution on thermally activated flux creep in the Bi₂Sr₂Ca₁Cu_{2-x}Yb_xO_y superconductors**
Gundogmus H., ÖZÇELİK B., Sotelo A., Madre M. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, no.7, pp.2568-2575, 2013 (SCI-Expanded)
- LXXII. **Effect of Ce substitution on structural and superconducting properties of Bi-2212 system**
Kaya C., ÖZÇELİK B., Ozkurt B., Sotelo A., Madre M. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, no.5, pp.1580-1586, 2013 (SCI-Expanded)
- LXXIII. **Structural and Magnetic Properties of Cobalt(II) Complexes of Triphenylphosphine**
ÖZÇELİK B., Yazici D., EKİCİBİL A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.5, pp.1599-1605, 2013 (SCI-Expanded)
- LXXIV. **Relationship Between Growth Speed and Magnetic Properties in Bi-2212/Ag Textured Composites**
Ozkurt B., Madre M. A., Sotelo A., YAKINCI M. C., Ozcelik B., Diez J. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.4, pp.1093-1098, 2013 (SCI-Expanded)
- LXXV. **Relationship Between Annealing Time and Magnetic Properties in Bi-2212 Textured Composites**
ÖZÇELİK B., Ozkurt B., YAKINCI M. C., Sotelo A., Madre M. A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.4, pp.873-878, 2013 (SCI-Expanded)
- LXXVI. **Microstructure and Transport Properties of Bi-2212 Prepared by CO₂ Laser Line Scanning**
Lennikov V., Ozkurt B., Angurel L. A., Sotelo A., ÖZÇELİK B., de la Fuente G. F.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.4, pp.947-952, 2013 (SCI-Expanded)
- LXXVII. **Physical, Mechanical and Magnetic Properties of the Yb-Substituted Bi₂Sr₂Ca₁Cu₂O_y Textured Superconductor**
Gundogmus H., ÖZÇELİK B., Ozkurt B., Sotelo A., Madre M. A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.1, pp.111-115, 2013 (SCI-Expanded)
- LXXVIII. **Effect of High Valancy Cations on the Intergranular Pinning Energies of (Bi-Pb)**

(2)Sr₂Ca₂Cu₃O₁₀+delta Samples

Yazici D., Erdem M., ÖZÇELİK B.

JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.6, pp.1811-1816, 2012 (SCI-Expanded)

- LXXXIX. **Improvement of the Intergranular Pinning Energy in the (BiPb)(2)Sr₂Ca₂Cu₃O₁₀+delta Superconductors Doped with High Valancy Cations**
Yazici D., Erdem M., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.4, pp.725-729, 2012 (SCI-Expanded)
- LXXX. **Magnetic Properties of Sm_{1-x}TbxNi₄B compounds**
Nane O., ÖZÇELİK B., Kervan S., Topal U.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.4, pp.1065-1070, 2012 (SCI-Expanded)
- LXXXI. **Relationship Between Growth Speed, Microstructure, Mechanical and Electrical Properties in Bi-2212/Ag Textured Composites**
Ozkurt B., Madre M. A., Sotelo A., YAKINCI M. C., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.4, pp.799-804, 2012 (SCI-Expanded)
- LXXXII. **Effect of high valency cations on the (BiPb)(2)Sr₂Ca₃Cu₄O₁₂+delta compounds**
Yazici D., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.2, pp.293-297, 2012 (SCI-Expanded)
- LXXXIII. **Improvement of High T-c Phase Formation in BPSCCO Superconductor by Adding Vanadium and Substituting Titanium**
Yazici D., ÖZÇELİK B., YAKINCI M. C.
JOURNAL OF LOW TEMPERATURE PHYSICS, vol.163, pp.370-379, 2011 (SCI-Expanded)
- LXXXIV. **Magnetocaloric effect in re-entrant ferrimagnet Nd_{0.2}Gd_{0.8}Mn₂Ge₂ compound**
Kervan S., Kervan N., Ozturk A., ÖZÇELİK B., Nane O.
SOLID STATE COMMUNICATIONS, vol.151, no.5, pp.408-410, 2011 (SCI-Expanded)
- LXXXV. **Effect of Vanadium-Titanium Co-doping on the BPSCCO Superconductor**
Yazici D., ÖZÇELİK B., ALTIN S., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.217-222, 2011 (SCI-Expanded)
- LXXXVI. **Physical Properties of Sm_{1-x}GdxNi₄B compounds**
Kantarci N., Nane O., ÖZÇELİK B., Kervan S., Agil H.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.793-799, 2011 (SCI-Expanded)
- LXXXVII. **Physical and Magnetic Properties of Nd_{1-x}GdxNi₄B Compounds**
ÖZÇELİK B., Nane O., Kervan S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.763-768, 2011 (SCI-Expanded)
- LXXXVIII. **Study of phase transition in a [CdHgI₄:0.2AgI] mixed conducting composite system doped with KI and K₂SO₄**
Noorussaba N., Ahmad A., ÖZÇELİK B.
PHASE TRANSITIONS, vol.84, pp.960-971, 2011 (SCI-Expanded)
- LXXXIX. **Effect of Nd-Substitution on Thermally Activated Flux Creep in the Bi_{1.7}Pb_{0.3-x}Nd (x) Sr₂Ca₃Cu₄O₁₂+y Superconductors**
Ozkurt B., ÖZÇELİK B.
JOURNAL OF LOW TEMPERATURE PHYSICS, vol.156, pp.22-29, 2009 (SCI-Expanded)
- XC. **Thermoelectric power and thermal conduction studies on the Gd substituted BPSCCO (2234) superconductors**
Ozkurt B., Ekicibil A., Aksan M. A., Ozcelik B., Yakinci M. E., Kiyamac K.
JOURNAL OF LOW TEMPERATURE PHYSICS, vol.147, pp.31-48, 2007 (SCI-Expanded)
- XCI. **The effect of Gd concentration on the physical and magnetic properties of Bi_{1.7}Pb_{0.3-x}GdxSr₂Ca₃Cu₄O₁₂+y superconductors**
Ekicibil A., Coskun A., Ozcelik B., Kiyamac K.
JOURNAL OF LOW TEMPERATURE PHYSICS, vol.140, pp.105-117, 2005 (SCI-Expanded)
- XCII. **Effects of annealing time on the magnetic properties of a Bi_{1.7}Pb_{0.29}Gd_{0.01}Sr₂Ca₃Cu₄O₁₂+y superconductor prepared by the melt-quenching method**

- Coskun A., Ekicibil A., Ozcelik B., Kiymac K.
CHINESE JOURNAL OF PHYSICS, vol.43, no.2, pp.372-383, 2005 (SCI-Expanded)
- XCIII. The magnetic and electrical properties of rare-earth Sm³⁺ substituted Bi_{1.7}Pb_{0.3}Sr₂Ca_{2-x}Sm_xCu₃O₁₂ system**
Ekicibil A., Coskun A., Ozcelik B., Kiymac K.
MODERN PHYSICS LETTERS B, vol.19, no.6, pp.331-340, 2005 (SCI-Expanded)
- XCIV. Critical current densities in Bi_{1.7}Pb_{0.3-x}GdxSr₂Ca₃Cu₄O_{12+y} (x=0.01, 0.1) superconductors prepared by melt-quenching method and annealed in different time intervals**
Ekicibil A., Coskun A., Ozcelik B., Kiymac K.
MODERN PHYSICS LETTERS B, vol.18, pp.1467-1478, 2004 (SCI-Expanded)
- XCv. Field dependence of magnetization and dM/dH for Sm- and Gd-doped Bi_{1.7}Pb_{0.3}Sr₂Ca_{2-x}RExCu₃O_{10+y} compounds**
Coskun A., Ekicibil A., Ozcelik B., Kiymac K.
CHINESE PHYSICS LETTERS, vol.21, no.10, pp.2041-2044, 2004 (SCI-Expanded)
- XCvI. A simple chaotic neuron model: Stochastic behavior of neural networks**
Aydiner E., Vural A., Ozcelik B., Kiymac K.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.113, no.5, pp.607-619, 2003 (SCI-Expanded)
- XCvII. Superconductivity of Bi_{1.6}Pb_{0.4}Sr₂Ca₃Cu₄O₁₂**
Coskun A., Ekicibil A., Ozcelik B.
CHINESE PHYSICS LETTERS, vol.19, no.12, pp.1863-1865, 2002 (SCI-Expanded)
- XCvIII. Harmonic susceptibilities of an alloy of Ni₇₇Mn₂₃**
Gencer A., Ercan İ., Ozcelik B.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.10, no.1, pp.191-203, 1998 (SCI-Expanded)
- XCIX. SUPPRESSION OF THE NONLINEAR SUSCEPTIBILITIES OF FERROMAGNETIC PDFE AND PDMN**
OZCELIK B., Kiymac K.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.6, no.40, pp.8309-8321, 1994 (SCI-Expanded)
- C. SEMI-SPIN-GLASS AND SPIN-GLASS BEHAVIOR IN EUXSr_{1-x}SE WITH X = 0.5 AND 0.7**
OZCELIK B., Kiymac K., Verstelle J., VANDUYNEVELDT A., Mydosh J.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.5, no.31, pp.5667-5674, 1993 (SCI-Expanded)
- CI. LINEAR AND NONLINEAR AC SUSCEPTIBILITIES OF THE SPIN-GLASS EU_{0.4}Sr_{0.6}S**
OZCELIK B., Kiymac K., Verstelle J., VANDUYNEVELDT A., Mydosh J.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.4, no.31, pp.6639-6650, 1992 (SCI-Expanded)
- CII. NONLINEAR AC SUSCEPTIBILITY OF A SPIN-GLASS PD-5.5 AT-PERCENT-MN**
OZCELIK B., Kiymac K., Verstelle J., VANDUYNEVELDT A., Mydosh J.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.4, no.26, pp.5801-5810, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. Properties and antibacterial activity of MnFe₂O₄ nanoparticles obtained by pulsed laser ablation in liquid**
ÖZÇELİK S., ÖZÇELİK B., Arıkan B., Kocamaz S., Amaveda H., Angurel L., de la Fuente G.
Open Ceramics, vol.17, 2024 (Scopus)
- II. Detail investigation of thermoelectric performance and magnetic properties of Cs-doped Bi₂Sr₂Co₂O_y ceramic materials**
Ozcelik B., Gursul M., Cetin G., Ozcelik C., Torres M. A., Madre M. A., Sotelo A.
SN APPLIED SCIENCES, vol.3, no.1, 2021 (ESCI)
- III. Investigation of Rb substitution on the thermoelectric parameters of BSCO Ceramic Materials**
ÖZÇELİK B., ÇETİN G., sotelo a., M A M., M A M.
Journal of Investigations on Engineering & Technology, 2019 (Peer-Reviewed Journal)
- IV. Production, Characterization and Effect of Te Doping on FeSe-11 Compound**

- FARİSOĞULLARI D., KANTARCI GÜLER N., KARADAĞ F., EKİCİBİL A., ÖZÇELİK B.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, pp.175-179, 2016 (Peer-Reviewed Journal)
- V. **The synthesis and magnetic structure of the iron selenide Ba_{0.8}Fe₂Se₂**
KANTARCI GÜLER N., GÜRSUL M., IŞIK C., EKİCİBİL A., ÖZÇELİK B., OKAZAKI H., TAKEYA H., TAKANO Y.
Journal of Physics: Conference Series, vol.667, no.12003, 2016 (Scopus)
- VI. **“The physical and magnetic properties of FeSe₁₁ superconductor**
IŞIK C., KANTARCI GÜLER N., GÜRSUL M., EKİCİBİL A., ÖZÇELİK B.
Journal of Physics: Conference Series, vol.667, no.12002, 2016 (Scopus)
- VII. **Küçük ölçekli insansız helikopter kontrol deney seti tasarımı ve simülasyonu**
KÖSE E., YAMAÇLI S., ÜLTANIR Y. G., ÖZÇELİK B., AKSOY M.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.23, no.2, pp.247-256, 2008 (Peer-Reviewed Journal)
- VIII. **Optical Properties of Phosphine Metal Complex Including Co**
ÖZÇELİK B.
Balkan Physics Letter, no.24, pp.493-496, 2007 (Peer-Reviewed Journal)
- IX. **Thermal and Electrical Properties of Phosphine Metal Complex Including Co**
ÖZÇELİK B.
Balkan Physics Letter, no.24, pp.361-365, 2007 (Peer-Reviewed Journal)
- X. **Some Structural and Magnetic Properties of Fe_xMg_{1-x}TiO₃**
ÖZÇELİK B.
Balkan Physics Letter, no.24, pp.298-304, 2007 (Peer-Reviewed Journal)
- XI. **Fosfinli Metal Komplekslerin Optik Özellikleri**
ÖZÇELİK B.
Ç.Ü.Fen Bilimleri Dergisi, no.16, pp.29-37, 2007 (Peer-Reviewed Journal)
- XII. **Phonon Spectra of YBa₂Cu_{7-?} Superconductor:First Principle Calculation**
ÖZÇELİK B.
Balkan Physics Letter, vol.13, no.1, pp.28-32, 2005 (Peer-Reviewed Journal)
- XIII. **Some Structural and Electrical Properties of Mn_xMg_{1-x}TiO₃**
ÖZÇELİK B.
Balkan Physics Letter, vol.12, no.1, pp.9-13, 2004 (Peer-Reviewed Journal)
- XIV. **Physical Properties of Melt-Cast-Annealed Bi_{1.6}Pb_{0.4}Sr₂Ca₃Cu₄O₁₂ Compound**
ÖZÇELİK B.
TURKISH JOURNAL OF PHYSICS, vol.25, no.1, pp.473-479, 2001 (Scopus)
- XV. **The Linear AC-Susceptibility of some Antiferromagnetic Systems**
ÖZÇELİK B.
Turkish Journal of Physics-Doğa, vol.17, no.12, pp.875-881, 1993 (Peer-Reviewed Journal)
- XVI. **The Advantages of the Nonlinear A.C. Susceptibility Measurements**
ÖZÇELİK B.
Turkish Journal of Physics-Doğa, vol.16, no.5, pp.369-374, 1992 (Peer-Reviewed Journal)
- XVII. **A Comprasion of Magnetization and Magnetic Susceptibilities of Some Steels at Room Temperature**
ÖZÇELİK B.
Doğa, Tr.T. of Enginneering and Environmental Sciences, vol.14, pp.280-288, 1990 (Peer-Reviewed Journal)
- XVIII. **Bir Magnetometre Yapımı ve Kalibrasyonu**
ÖZÇELİK B.
Ç.Ü Fen ve Müh.Bil.Dergisi, vol.2, no.2, pp.117-126, 1988 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **İntegral, ANALİZ**
ÖZÇELİK B., EKİCİBİL A., Coskun A.

- Kare Yayınları, Adana, 2006
- II. **Temel Matematik, ANALİZ**
ÖZÇELİK B., EKİCİBİL A., Coskun A.
Kare Yayınları, Adana, 2006
- III. **İntegral Analiz**
ÖZÇELİK B., EKİCİBİL A., Coskun A.
Kare Yayınları, Adana, 2006
- IV. **Temel Matematik**
ÖZÇELİK B., Coskun A., EKİCİBİL A.
Kare Yayınları, Adana, 2006
- V. **Çözümlü Matematik Problemleri, ANALİZ -2 ,İntegral ve Uygulamaları**
ÖZÇELİK B., EKİCİBİL A., Coskun A.
Nobel Kitabevi, Adana, 2003
- VI. **İntegral ve Uygulamaları, Analiz-II**
ÖZÇELİK B., EKİCİBİL A., Coskun A.
Nobel Yayın Dağıtım, Adana, 2003
- VII. **Çözümlü Matematik Problemleri, ANALİZ -1**
ÖZÇELİK B., EKİCİBİL A., Coskun A.
Nobel Yayınları, Adana, 2002
- VIII. **Çözümlü Matematik Problemleri, Analiz-I,**
ÖZÇELİK B., Coskun A., EKİCİBİL A.
Nobel Kitabevi, Adana, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. **Role of Bi-Site Zn substitution on structural, superconducting and magnetic features of Bi-2212**
KARAÇORA F., GÜRSUL M., ÖZÇELİK B.
1st International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 20 - 22 December 2022
- II. **A Study on Thermoelectric Properties of Ca_{1-x}Sr_xMnO₃ Perovskite Oxides**
Gürsul M., Çetin G., Ergin İ., Sotelo A., M A M., Özçelik B.
4th International virtual Conference on Physical Chemistry & Functional Materials (PCFM'21), Elazığ, Turkey, 08 April 2021
- III. **Effect of Rb Substitution on the Structural, Physical and Superconducting Properties of Bi-2212 Superconductor**
ERGİN İ., ÖZÇELİK B., Madre M., Sotelo A.
International Conference on Condensed Matter and Material Science, Adana,Türkiye 14-19 Ekim 2019, 14 - 19 December 2019
- IV. **Enhancement of the Low Temperature Thermoelectric Performance of Na-substituted Bi₂Sr₂Co₂O_x Ceramics**
ÇETİN G., ÖZÇELİK B., GÜRSUL M., Sotelo A., Madre M., SHİNTARO A., YOSHİHİKO T.
International Conference on Condensed Matter and Material Science, Adana,Türkiye 14-19 Ekim 2019, 14 - 19 October 2019
- V. **Investigation of Rb substitution on the thermoelectric parameters of BSCO Ceramic Materials**
ÖZÇELİK B., ÇETİN G., Sotelo A., Madre M.
International Conference on Condensed Matter and Material Science, Adana,Türkiye 14-19 Ekim 2019, 14 - 19 October 2019
- VI. **Structure, Magnetic, Photocatalytic and Blood Compatibility properties of Ni-spinel nanoparticle prepared via laser ablation technique**
ÖZÇELİK S., YALÇIN B., ARDA L., Angurel L., de la Fuente G., ÖZÇELİK B.
ICCMMS 2019, 14 - 19 October 2019

- VII. **Effect of Post-Annealing on the Thermoelectric Material Prepared via Laser Floating Zone (LFZ) Technique**
 ÇETİN G., ÖZÇELİK B.
 4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019
- VIII. **Low Temperature Thermoelectric Properties of Na and K-Doped Bi₂Sr₂Co₂O_y Ceramics Prepared via LFZ Technique**
 ÇETİN G., ÖZÇELİK B.
 4th International Mediterranean Science and Engineering Congress (IMSEC 2019) April 25-27, 2019, Alanya-Antalya, 25 - 27 April 2019
- IX. **Synthesis, Composition and Structural Properties of Superconducting B-FeSe**
 GÜRSUL M., ÖZÇELİK B.
 4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019
- X. **Superconducting Properties of Bi-2212 thin films produced by Pulsed Laser Deposition**
 ÖZÇELİK B.
 3rd International Science and Applications of Thin Films, Conference Exhibition (SATF 2018), 17 - 21 September 2018
- XI. **Effect of Cs-substitution on Bi₂Sr₂Co₂O_x Thermoelectric Materials**
 ÖZÇELİK B., ÇETİN KARAKAYA G., GÜRSUL M.
 5th International conference on materials science and nanotechnology for next generation (MSNG2018), 4 - 06 October 2018
- XII. **Structural composition and thermoelectric properties of bulk Bi₂Ca_{2-x}NaxCo_{1.8}O_y materials**
 ÖZÇELİK B., ÇETİN G., GÜRSUL M.
 MATERIALS SCIENCE AND ADVANCED-NANOTECHNOLOGIES FOR NEXT GENERATION (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.47-48
- XIII. **Thermoelectric and Magnetic Properties of Bi₂Sr₂Co_{1.8-x}TixO_y Ceramic**
 ÇETİN G., GÜRSUL M., TORRES M., MADRE M. A., SOTELO A., ÖZÇELİK B.
 International Conference on Physical Chemistry and Functional Materials (PCFM'18), Elazığ, Turkey, 19 - 21 June 2018
- XIV. **Remarks on FeSe Based Superconductors**
 GÜRSUL M., ÖZÇELİK B.
 International Conference on Physical Chemistry and Functional Materials (PCFM'18), Elazığ, Turkey, 19 - 21 June 2018
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 YAVUZ H. İ., AYTAÇ A., ÖZDEMİR T., AZTEKİN K., ÖZÇELİK B.
 FNS-CBRN Defence, Moldova, 14 - 17 May 2018
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 YAVUZ H. İ., AYTAÇ A., ÖZDEMİR T., AZTEKİN K., ANGUREL L., FUENTE G. d. l., ÖZÇELİK B.
 International Conference on Superconductivity and Magnetism, 28 April - 04 May 2018
- XVII. **ELECTRICAL PROPERTIES AND FLUX PINNING ENERGY OF Y- SUBSTITUTED Bi₂Sr₂CaCu₂O_{8+δ} SUPERCONDUCTORS**
 KARAÇORA NANE F., GÜRSUL M., ERGİN İ., MADRE M. A., SOTELO A., ÖZÇELİK B.
 6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018
- XVIII. **SYNTHESIS, STRUCTURAL, AND MAGNETIC PROPERTIES OF THE IRON-SELENIDE Na_xK_{0.8-x}Fe₂Se₂**
 GÜRSUL M., Liu M., Boltalin A., Morozov I. V., ÖZÇELİK B.
 6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018
- XIX. **ELECTRICAL PROPERTIES AND FLUX PINNING ENERGY OF Bi₂Sr₂Ca_{1-x}NaxCu₂O_{8+δ} FIBERS**
 KARAÇORA NANE F., GÜRSUL M., ERGİN İ., MADRE M. A., SOTELO A., ÖZÇELİK B.

6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018

- XX. **Processing of Superconducting and Thermoelectric Bulk Materials via Laser Technologies**
ÖZÇELİK B., ÇETİN G., GÜRSUL M., SOTELO A., MADRE M. A.
Functional Nanostructures and Sensors for CBRN Defence and Environmental Safety and Security "FNS-CBRN Defence – 2018, Chisinau, Moldova, 14 June - 17 April 2018
- XXI. **EFFECT OF Na SUBSTITUTION ON SUPERCONDUCTING PROPERTIES, MAGNETORESISTANCE AND FLUX PINNING ENERGY OF Bi-2212 CERAMICS PREPARED BY SINTER-FORGED PROCESS**
GÜRSUL M., KARAÇORA NANE F., SOTELO A., MADRE M. A., ÖZÇELİK B.
6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018
- XXII. **Physical properties of Bi₂Sr_{2-x}NaxCo₂O_y thermoelectric ceramics**
ÖZÇELİK B., KARAKAYA G., KORALAY H., TORRES M. A., MADRE M., SOTELO A.
I. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 8 - 10 December 2017
- XXIII. **Synthesis, crystal structure and magnetic properties of the Iron Selenide CeFe₂Se₂**
GÜRSUL M., ÖZÇELİK B.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017
- XXIV. **Synthesis, crystal structure and magnetic properties of the Iron Selenide CeFe₂Se₂**
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International Conference on Condensed Matter and Material Science, Adana, Türkiye, 11 - 15 October 2017
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HALEFOĞLU Y. Z., IŞIK S., güler n. k., ÖZÇELİK B.
International conference condensed Matter and Materials Science, 11 - 16 October 2017
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- International Conference on Condensed Matter and Materials Science, Adana, Turkey, 11 - 15 October 2017, pp.5
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1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016
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Farisoğulları D., Kantarcı Güler N., KARADAĞ F., EKİCİBİL A., ÖZÇELİK B.
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Farisoğulları D., KANTARCI GÜLER N., KARADAĞ F., EKİCİBİL A., ÖZÇELİK B.
Turkish Physical Society 32nd International Physics Congress, BODRUM, MUĞLA, Turkey, 6 - 09 September 2016
- LVII. **Effect of Sodium substitution on the thermoelectric properties of Bi₂Sr₂Co₂O_x ceramics**
KARAKAYA G., ÖZÇELİK B., NANE O., Sotelo A., Rasekh S., Torres M. A., Madre M.
14. European Conference on Thermoelectrics (ECT2016), Lizbon, 20 - 23 September 2016
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KARAKAYA G., ÖZÇELİK B., NANE O., SOTELO A., RASEHK S., TORES M., MADRE M.
ECT 2016, 20 - 23 September 2016

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International Congress on Superconductivity and Magnetism (ICSM2016), Fethiye/Muğla, Turkey, 24 - 30 April 2016
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KARAKAYA G., NANE O., ÖZÇELİK B.
International Congress on Superconductivity and Magnetism (ICSM2016), Fethiye/Muğla, Turkey, 24 - 30 April 2016
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NANE O., ÖZÇELİK B., Sotelo A., Amaveda H., Madre M.
International Congress on Superconductivity and Magnetism (ICSM2016), Fethiye/Muğla, Turkey, 24 - 30 April 2016
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ICSM 2016, 24 - 30 April 2016
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- LXXII. **EFFECT OF Na-SUBSTITUTION ON THE SUPERCONDUCTING PROPERTIES OF $K_{1-x}Fe_2-ySe_2$**

- EKİCİBİL A., GÜRSUL M., ÖZÇELİK B.
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9th International Conference on Magnetic and Superconducting Materials (MSM), Antalya, Turkey, 30 April - 03 May 2015, vol.667
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Isik C., GULER N. K., GÜRSUL M., EKİCİBİL A., ÖZÇELİK B.
9th International Conference on Magnetic and Superconducting Materials (MSM), Antalya, Turkey, 30 April - 03 May 2015, vol.667
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Guler N. K., Gürsul M., Isik C., Ekicibil A., Özçelik B., Okazaki H., Takeya H., Takano Y.
9th International Conference on Magnetic and Superconducting Materials (MSM), Antalya, Turkey, 30 April - 03 May 2015, vol.667
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YMF21-21.Yoğun Madde Fiziği Ankara Toplantısı, Adana, Turkey, 25 December 2015, vol.1, pp.49
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AKÇA G., KILIÇ ÇETİN S., AKYOL M., AYAŞ A. O., EKİCİBİL A., ÖZÇELİK B.
Ankara 21. Yoğun Madde Fiziği Toplantısı, Turkey, 25 December 2015
- LXXXII. **La ile Pr Yer Değiştirmesinin, $(La_{1-x}Pr_x)_{0.85}Ag_{0.15}MnO_3$ ($x = 0, 0.1$ ve 0.2) Perovskit Manganitlerinin Yapısal, Manyetik ve Manyetokalorik Özellikleri Üzerine Etkisi**
Ayas A. O., AKYOL M., KILIÇ S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.
YMF21-21.Yoğun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 25 December 2015, vol.1, pp.49
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ÖZÇELİK B., NANE O., Sotelo A., Madre M.
The 8th Asian Conference on Applied Superconductivity and Cryogenics (ACASC2015), 22 - 25 November 2015
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AYAŞ A. O., AKYOL M., KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.
20th International Conference on Magnetism, Barcelona, Spain, 5 - 10 July 2015

- LXXXV. **Use of nanoparticles to produce Pb and Ag doped Bi 2212 textured materials**
Sotelo A., amaveda h., ÖZÇELİK B., madre m.
9th International Conference on Magnetic and Superconducting Materials (MSM15), 30 April - 03 May 2015
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NANE O., ÖZÇELİK B.
9th International Conference on Magnetic and Superconducting Materials (MSM15), 30 April - 03 May 2015
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ÖZÇELİK B., tangüner a., GÜRSUL M., sotelo a., madre m.
9th International Conference on Magnetic and Superconducting Materials (MSM15), 30 April - 03 May 2015
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Ca L., Vi L., Garcia R., Amaveda H., Mora M., ÖZÇELİK B., gf d. f., angurel l.
9th International Conference on Magnetic and Superconducting Materials (MSM15), 30 April - 03 May 2015
- LXXXIX. **The effects of quenching temperature on structural physical electrical and magnetic properties of single crystal K0.8Fe2Se2 superconductors**
ONAR K., yakıncı e., Kantarcı Güler N., ÖZÇELİK B., okazaki h., takeya h., takano y.
9th International Conference on Magnetic and Superconducting Materials (MSM15), 30 April - 03 May 2015
- XC. **Investigation of Structural Properties and Magnetocaloric Effect of Pr_{0.85}Ag_{0.15}MnO₃ Perovskite Compound**
Ayaş A. O., AKYOL M., KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 05 May 2015, vol.1, no.1, pp.45
- XCI. **Structure and Superconducting properties of FeTe_{0.6}Se_{0.4}**
Kantarcı Güler N., GÜRSUL M., EKİCİBİL A., ÖZÇELİK B., Wurmehl S., Schulz M., Büchner B.
9th International Conference on Magnetic and Superconducting Materials (MSM15), 30 April - 03 May 2015
- XCII. **Effect of Na substitution on the Activation Energy of BSCCO superconductor**
GÜRSUL M., ÖZÇELİK B., Sotelo A., Madre M. A.
4th International Conference on Superconductivity and Magnetism, Antalya, Turkey, 27 April 2014 - 02 March 2015, pp.1
- XCIII. **Effect of Sintering Temperature on the Activation Energy of the Bi₂Sr₂Ca_{0.9}Na_{0.1}Cu₂O_{8+δ} Superconductor**
GÜRSUL M., ÖZÇELİK B., YAKINCI M. E., SOTELO A., MADRE M. A.
7th Asian Conference on Applied Superconductivity and Cryogenics (ACASC), Nevşehir, Turkey, 23 - 25 October 2013
- XCIV. **Physical and magnetic properties of Sm_{0.2}Gd_{0.8}Ni₄B compound**
ÖZÇELİK B., Kantarcı N., Nane O., YAKINCI M. C.
5th Moscow International Symposium on Magnetism (MISM 2011), Moscow, Russia, 21 - 25 August 2011, vol.190, pp.208-210
- XCV. **Effect of Na-substitution on the activation energies of Bi-2212 Superconductor**
GÜRSUL M., ÖZÇELİK B., YAKINCI M. E., SOTELO A., MADRE M. A.
4th International Congress on Superconductivity and Magnetism (ICSM2014), Antalya, Turkey, 27 April - 02 May 2014
- XCVI. **Observation of magnetocaloric effect in the LaMn_{1.9}Fe_{0.1}Si₂ compound at low fields in the vicinity of phase transition around room temperature**
Nane O., Agil H., Ozkurt B., ÖZÇELİK B., Gencer A.
International Conference on Superconductivity and Magnetism (ICSM), Side, Turkey, 25 - 29 August 2008, vol.153
- XCVII. **LATTICE DYNAMICS CALCULATION IN MGB₂**
KARADAĞ F., EKİCİBİL A., Coşkun A., ÖZÇELİK B.
TÜRK FİZİK DERNEĞİ 22.ULUSLARARASI FİZİK KONGRES, Muğla, Turkey, 14 - 16 September 2004, vol.1, pp.201
- XCVIII. **LATTICE DYNAMICS CALCULATION IN MGB₂**
KARADAĞ F., EKİCİBİL A., Coşkun A., ÖZÇELİK B.

Supported Projects

- ÖZÇELİK B., Project Supported by Higher Education Institutions, Sodyum (Na) Katkısının BiCaCoO Seramik Malzemesinin Termoelektrik Parametrelerine Etkisinin Araştırılması, 2020 - 2021
- ÖZÇELİK B., Project Supported by Higher Education Institutions, BSCO Seramik Malzemesinin Termoelektrik Parametrelerine Rubidyum Rb Katkısının Araştırılması, 2019 - 2021
- ÖZÇELİK B., ÇETİN G., Project Supported by Higher Education Institutions, LFZ Tekniğiyle Bi2Sr2xNaxCo2Ox ve Bi2Sr2xKxCo2Ox Termoelektrik Malzemelerin Üretimi ve Karakterizasyonu, 2016 - 2021
- ÖZÇELİK B., GÜRSUL M., ÇETİN G., Project Supported by Higher Education Institutions, Cs Katkısının Bi2Sr2Co2Ox Termoelektrik Malzemeleri Üzerine Etkisi, 2018 - 2019
- ÖZÇELİK B., Ergin İ., Project Supported by Higher Education Institutions, Cs katkısının BSCCO süperiletkeninin fiziksel özellikleri üzerindeki etkilerinin araştırılması, 2018 - 2019
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Yayın Teşvik, 2017 - 2019
- ÖZÇELİK B., GÜRSUL M., Project Supported by Higher Education Institutions, FeSe Tabanlı Kristallerin Üretimi Karakterizasyonu ve Fiziksel Özelliklerinin Araştırılması, 2015 - 2019
- ÖZÇELİK B., GÜRSUL M., Project Supported by Higher Education Institutions, Ti Katkısının LFZ tekniğiyle üretilmiş Bi2Sr2Co2Ox Termoelektrik Malzemeleri Üzerine Etkisi, 2017 - 2018
- TÜKEL S. S., PAKSOY H. Ö., AKILLI H., ESEN R., ÖZÇELİK B., EKİCİBİL A., EKŞİ A. K., YILDIZ E., GÜZEL B., KARDAŞ G., et al., Project Supported by Higher Education Institutions, Temel ve Mühendislik Bilimlerinde Çeşitli Malzemelerin Fiziksel Özelliklerinin Araştırılabilimleri için gerek duyulan Fiziksel Özellik Ölçüm Sistemi PPMS Physical Property Measurement Sisteminin Çukurova Üniversitesi Merkezi Araştırma Laboratuvarına Kazandırılması ve Malzeme Üretim Laboratuvarının Oluşturulması, 2015 - 2018
- ÖZÇELİK B., GÜRSUL M., Project Supported by Higher Education Institutions, Seramik Tabanlı Termoelektrik Malzemelerin Üretimi, 2017 - 2017
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Bilim İnsanı Yetiştirme ve Destekleme Projesi, 2017 - 2017
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Improvement of Physical Properties of Bi2212 textured materials by Substituting Na and Adding Ag, 2016 - 2017
- ÖZÇELİK B., NANE O., Project Supported by Higher Education Institutions, Termoelektrik Bi2Sr2Co2Ox Malzemesine Potasyum Katkısının Etkileri, 2016 - 2017
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Termoelektrik Bi2Sr2xNaxCo2Ox Malzemelerin Üretimi ve Karakterizasyonu, 2016 - 2017
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği, 2016 - 2017
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Effect of Sodium substitution on the thermoelectric properties of Bi2Sr2Co2Ox ceramics, 2016 - 2016
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Structural and Magnetic Properties of K1-xNaxFe2-ySe2, 2016 - 2016
- KARADAĞ F., ÖZÇELİK B., Farisoğulları D., EKİCİBİL A., Project Supported by Higher Education Institutions, AFe2Se2 (A=Gd, Nd, Te, Ce) Süperiletkenlerinin Fiziksel Özellikleri, 2015 - 2016
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Lazer tekniği ile yönlendirilmiş Y-katlı BSCCO süperiletken çubukların fiziksel özelliklerinin araştırılması, 2015 - 2016
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Lazer tekniği ile yönlendirilmiş Nakatlı BSCCO süperiletken çubukların fiziksel özelliklerinin araştırılması, 2014 - 2016
- ÖZÇELİK B., Kantarcı Güler N., Project Supported by Higher Education Institutions, FeSe-122 Süperiletkenlerin Üretimi, Karakterizasyonu, ve Fiziksel Özellikleri, 2014 - 2016
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Potasyum (K) Katkılı BSCCO Süperiletken Malzemelerin Isısal Özelliklerinin İncelenmesi, 2013 - 2016
- ÖZÇELİK B., Project Supported by Higher Education Institutions, Bilimsel Yayın Teşvik, 2015 - 2015

ÖZÇELİK B., EKİCİBİL A., KARADAĞ F., Project Supported by Higher Education Institutions, The 9th International Conference on Magnetic and Superconducting Materials MSM15, 2015 - 2015
ÖZÇELİK B., Işık C., Project Supported by Higher Education Institutions, FeSe-11 Süperiletkenlerin Üretimi, Karakterizasyonu ve Fiziksel Özellikleri, 2014 - 2015
ÖZÇELİK B., Project Supported by Higher Education Institutions, Polimer Tekniğiyle Üretilen BSCCO Süperiletkene Sodyum (Na) Katkısının Etkileri, 2013 - 2015
ÖZÇELİK B., EKİCİBİL A., TUBITAK Project, FeSe-122 Süperiletkenlerin Üretimi, Karakterizasyonu, Elektriksel ve Manyetik Özellikleri, 2013 - 2015
ÖZÇELİK B., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (16 Adet), 2013 - 2014
ÖZÇELİK B., Project Supported by Higher Education Institutions, Polimerizasyon Tekniğiyle Üretilen Potasyum (K) Katkılı BSCCO Süperiletken Malzemelerin Fiziksel Özelliklerinin İncelenmesi, 2013 - 2014
ÖZÇELİK B., Project Supported by Higher Education Institutions, Co Katkısının BSCCO Süperiletkeninin Yapısal ve Fiziksel Özellikleri Üzerindeki Etkilerinin Araştırılması, 2012 - 2014

Scientific Refereeing

Journal of Low Temperature Physics, SCI Journal, March 2015
Journal of Materials Science: Materials in Electronics, SCI Journal, March 2015
Journal of Alloys and Compounds, SCI Journal, January 2015
Journal of Materials Science, SCI Journal, January 2015
Materials Chemistry and Physics, SCI Journal, November 2014
Journal of Superconductivity and Novel Magnetism, SCI Journal, June 2014
Journal of Alloys and Compounds, SCI Journal, March 2014
Journal of Alloys and Compounds, SCI Journal, January 2013
TUBITAK Project, November 2012
TUBITAK Project, November 2012
Journal of Low Temperature Physics, SCI Journal, July 2012

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Congress and Symposium Activities

The 8th Asian Conference on Applied Superconductivity and Cryogenics (ACASC2015), 22-25 Kasım, 2015 Çin., Attendee, Hangzhou, China, 2015
9th International Conference on Magnetic and Superconducting Materials (MSM15), Attendee, Antalya, Turkey, 2015
4. International Congress on Superconductivity and Magnetism ICSM-2014, Attendee, Antalya, Turkey, 2014
TFD. 30.th International Physics Congress, Attendee, İstanbul, Turkey, 2013
3. International Congress on Superconductivity and Magnetism ICSM-2012, Attendee, İstanbul, Turkey, 2012
2. International Student Workshop on Condensed Matter and Materials Physics, Attendee, Antalya, Turkey, 2011
EUCAS-2011, The Joint Centennial Conference on Applied Superconductivity., Attendee, Den Haag, Netherlands, 2011
Moscow International Symposium on Magnetism, Attendee, Moskova, Russia, 2011

5th International Conference on Material Science and Condensed Matter Physics, Attendee, Chisinau, Moldova, 2010
2. International Congress on Superconductivity and Magnetism ICSM-2010, Attendee, Antalya, Turkey, 2010
1. International Student Workshop on Condensed Matter and Materials Physics, Attendee, Antalya, Turkey, 2009
1. International Congress on Superconductivity and Magnetism ICSM-2008, Attendee, Antalya, Turkey, 2008
1. Endüstriyel Kalkınma Açısından Türkiye? de Süperiletkenlik ve Manyetizma İçin Güçlü AR-GE Gerekçeleri, Attendee, Antalya, Turkey, 2008
TFD-24. Uluslararası Fizik Kongresi-2007, Attendee, Malatya, Turkey, 2007
3.Ulusal Yüksek Sıcaklık Süperiletkenler Sempozyumu, Attendee, Bolu, Turkey, 2005
T.F.D. 18.Ulusal Fizik Kongresi,, Attendee, Adana, Turkey, 1999
T.F.D. 13. Ulusal Fizik Kongresi, Attendee, Eskişehir, Turkey, 1992
T.F.D. 12. Ulusal Fizik Kongresi, Attendee, İzmir, Turkey, 1990
European Physical Society, 10.th General Conference of the Condensed Matter Division, Attendee, Lizbon, Portugal, 1990