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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik A.B.D., Türkiye 1998 - 2003

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik A.B.D., Türkiye 1995 - 1998

Lisans, İnönü Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1991 - 1995

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Bi-Bazlı HTc Süperiletkenlerde Fiziksel Özellikler İle Birlikte Termoelektrik Güç ve Termal İletkenlik Karakteristiklerinin İncelenmesi, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 2003

Yüksek Lisans, BiSrCaCuO (2223) Cam-Seramik Süperiletken Sistemine Küçük Yarıçaplı İyonların Katılması ve Sistemin Fiziksel ve Elektriksel Özelliklerine Etkilerinin İncelenmesi, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 1998

Araştırma Alanları

Metalurji ve Malzeme Mühendisliği, Malzeme Bilimi ve Mühendisliği, Seramik Malzemeler, Yarıiletken ve Süperiletken Malzemeler, Elektriksel ve Manyetik Özellikler, Cam Teknolojisi ve Cam-Seramikler, Malzeme Karakterizasyonu, Metalik Malzemeler, Nanomalzemeler, Termal Özellikler, Fizik, Yoğun Madde 1:Yapısal, Mekanik ve Termal Özellikler, Yoğun maddenin termal özellikleri, Yüzeyler ve arayüzeyler; İnce filmler ve nanosistemler, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Bulk malzemenin elektronik yapısı, Bulk malzemenin elektronik yapısı, Manyetik özellikler ve malzemeler, Süperiletkenlik, Yoğun maddede elektronik taşınım, Temel Bilimler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2012 - Devam Ediyor

Doç.Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2007 - 2012

Araştırma Görevlisi, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 1996 - 2006

Akademik İdari Deneyim

İnönü Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2007 - Devam Ediyor

İnönü Üniversitesi, Fen Edebiyat Fakültesi, 2010 - 2016

İnönü Üniversitesi, Bilimsel Ve Teknolojik Araştırma Merkezi, 2008 - 2016

İnönü Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2007 - 2007

Verdiği Dersler

CAM SERAMİKLER, Doktora, 2016 - 2017

KATIHAL FİZİĞİ I, Yüksek Lisans, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Investigation of martensitic transformation and magnetoresistance properties of cu-substituted Ni-Mn-Sn-B melt spun ribbons**
Kirat G., AKSAN M. A.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.529, 2021 (SCI-Expanded)
- II. **Magnetocaloric Properties of Ni-Rich Ni_{50-x}CoxMn₃₈Sn₁₂B₃ Shape Memory Ribbons**
Kirat G., Kizilaslan O., AKSAN M. A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.34, sa.2, ss.581-588, 2021 (SCI-Expanded)
- III. **Influence of the Cu substitution on magnetic properties of Ni-Mn-Sn-B shape memory ribbons**
Aksan M. A., Kirat G.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.127, ss.1-9, 2021 (SCI-Expanded)
- IV. **Magnetoresistance properties of magnetic Ni-Mn-Sn-B shape memory ribbons and magnetic field sensor aspects operating at room temperature**
Kirat G., KIZILASLAN O., AKSAN M. A.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.477, ss.366-371, 2019 (SCI-Expanded)
- V. **Thermal and structural characterization of the Bi_{2-x}Sm_xSr₂Ca₂Cu₃O_{10+delta} glass-ceramic system**
KIZILASLAN O., KIRAT G., AKSAN M. A.
INTERNATIONAL JOURNAL OF APPLIED GLASS SCIENCE, cilt.8, sa.3, ss.344-351, 2017 (SCI-Expanded)
- VI. **Preparation and characterization of CaO-Al₂O₃-SiO₂ (CAS) glass-ceramics**
ÖZABACI M., AKSAN M. A., KIRAT G., KIZILASLAN O., YAKINCI M. C.
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.454, ss.8-12, 2016 (SCI-Expanded)
- VII. **The effect of Sn content on mechanical, magnetization and shape memory behavior in NiMnSn alloys**
Aydogdu Y., Turabi A. S., Kok M., Aydogdu A., Yakinci Z. D., AKSAN M. A., YAKINCI M. C., Karaca H. E.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.683, ss.339-345, 2016 (SCI-Expanded)
- VIII. **Effect of the Er-substitution on critical current density in glass-ceramic Bi₂Sr₂Ca₂(Cu_{3-x}Er_x)O_{10+delta} superconducting system**
KIRAT G., KIZILASLAN O., AKSAN M. A.
CERAMICS INTERNATIONAL, cilt.42, sa.13, ss.15072-15076, 2016 (SCI-Expanded)
- IX. **Interlayer tunneling spectroscopy of mixed-phase BSCCO superconducting whiskers**
KIZILASLAN O., TRUCCATO M., SIMSEK Y., AKSAN M. A., KOVAL Y., MUELLER P.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, cilt.29, sa.6, 2016 (SCI-Expanded)
- X. **Enhancement of magnetic relaxation behavior by texturing in Bi-2212 superconducting rods**
ÖZABACI M., KIZILASLAN O., KIRAT G., AKSAN M. A., MADRE M. A., SOTELO A., YAKINCI M. C.
CERAMICS INTERNATIONAL, cilt.42, sa.7, ss.8325-8330, 2016 (SCI-Expanded)
- XI. **Phase stabilization of magnetite (Fe₃O₄) nanoparticles with B₂O₃ addition: A significant enhancement on the phase transition temperature**

- Topal U., AKSAN M. A.
 JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.406, ss.123-128, 2016 (SCI-Expanded)
- XII. **Enhancement of the critical current of intrinsic Josephson junctions by carrier injection**
 KIZILASLAN O., SIMSEK Y., AKSAN M. A., KOVAL Y., MUELLER P.
 SUPERCONDUCTOR SCIENCE & TECHNOLOGY, cilt.28, sa.8, 2015 (SCI-Expanded)
- XIII. **Magnetic relaxation behavior in the $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{-xMoxO}_{10+\delta}$ system fabricated by glass-ceramic technique**
 KIZILASLAN O., KIRAT G., AKSAN M. A.
 JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.384, ss.186-191, 2015 (SCI-Expanded)
- XIV. **Adjustable tunneling barrier in bi-based high-T-c cross-whisker junctions**
 KIZILASLAN O., SIMSEK Y., AKSAN M. A., KOVAL Y., YAKINCI M. C., MUELLER P.
 SUPERCONDUCTOR SCIENCE & TECHNOLOGY, cilt.28, sa.2, 2015 (SCI-Expanded)
- XV. **Effect of Co addition on the critical current density of MgB_2 superconductor**
 KIRAT G., KIZILASLAN O., AKSAN M. A., YAKINCI M. C.
 PHYSICA B-CONDENSED MATTER, cilt.445, ss.24-27, 2014 (SCI-Expanded)
- XVI. **J(c) enhancement and flux pinning of Se substituted YBCO compound**
 YAKINCI Z. D., GOKHFELD D. M., ALTIN E., KURT F., ALTIN S., DEMIREL S., AKSAN M. A., YAKINCI M. C.
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.12, ss.4790-4797, 2013 (SCI-Expanded)
- XVII. **Crystallization of glass-ceramic $\text{Bi}_3\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_y$ superconducting system**
 KIZILASLAN O., AKSAN M. A.
 JOURNAL OF CRYSTAL GROWTH, cilt.381, ss.77-82, 2013 (SCI-Expanded)
- XVIII. **Fabrication of BSCCO Films on SrTiO_3 Substrates Using Ultrasonic Spray Pyrolysis (USP) Technique**
 TURKOGLU S., AKSAN M. A.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.5, ss.1869-1872, 2013 (SCI-Expanded)
- XIX. **Low Temperature Magnetic Behavior of $\text{Ca}_3\text{Co}_4\text{O}_x$ Polycrystalline Material**
 DEMIREL S., ALTIN S., AKSAN M. A.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.5, ss.1617-1620, 2013 (SCI-Expanded)
- XX. **Current-Voltage Measurements on a $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$ Whisker and Investigation of Its Vortex Dynamics in Self Field**
 ALTIN S., AKSAN M. A., YAKINCI M. C., BERNSTEIN P.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.5, ss.2037-2040, 2013 (SCI-Expanded)
- XXI. **Nanoindentation Properties of HTc Superconducting Single-Crystalline Whiskers**
 KIZILASLAN O., Yilmaz F., AKSAN M. A., YAKINCI M. C.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.4, ss.907-911, 2013 (SCI-Expanded)
- XXII. **Improved superconducting properties of MgB_2 thin films fabricated by ultrasonic spray pyrolysis method at high temperature**
 YAKINCI M. C., YAKINCI Z. D., AKSAN M. A., BALCI Y.
 CRYOGENICS, cilt.52, sa.12, ss.749-754, 2012 (SCI-Expanded)
- XXIII. **Low temperature electrical and thermal transport properties of the $\text{Ca}_3\text{-xSbxCo}_4\text{O}_9$ system**
 DEMIREL S., AKSAN M. A., ALTIN S.
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.23, sa.12, ss.2251-2256, 2012 (SCI-Expanded)
- XXIV. **Synthesis of BSCCO Films on MgO (100) Substrate by Ultrasonic Spray Pyrolysis Technique**
 TURKOGLU S., AKSAN M. A.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.25, sa.6, ss.2087-2095, 2012 (SCI-Expanded)
- XXV. **Thermoelectric power and thermal conductivity study of the $\text{Y}_3\text{Ba}_5\text{Cu}_8\text{O}_x$ system**
 AKSAN M. A., KIZILASLAN O., AKSAN E. N., YAKINCI M. C.
 PHYSICA B-CONDENSED MATTER, cilt.407, sa.14, ss.2820-2824, 2012 (SCI-Expanded)
- XXVI. **Fabrication of single crystalline Bi-2212 whiskers from Ga added $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_x$ composition and their thermal, structural, electrical and magnetic properties**

- ALTIN S., AKSAN M. A., YAKINCI M. C.
MATERIALS CHEMISTRY AND PHYSICS, cilt.133, ss.706-712, 2012 (SCI-Expanded)
- XXVII. **Fabrication of NdCeCuO and effects of binding agents on the growth, micro-structural and electrical properties**
ALTIN S., AKSAN M. A., TURKOGLU S., YAKINCI M. C.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.471, ss.1692-1698, 2011 (SCI-Expanded)
- XXVIII. **MgB₂ fabrication by diffusion-controlled three layered (B-Mg-B) technique**
ALTIN S., AKSAN M. A., YAKINCI M. C.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, cilt.72, sa.9, ss.1070-1076, 2011 (SCI-Expanded)
- XXIX. **Fabrication of single crystalline Bi-2212 whisker with addition of Sb₂O₃ into the Bi₂Sr₂Ca₂Cu₃O_x system and their thermal, structural and superconducting properties**
ALTIN S., AKSAN M. A., YAKINCI M. C.
SOLID STATE SCIENCES, cilt.13, sa.5, ss.879-886, 2011 (SCI-Expanded)
- XXX. **Power Law Dependence of I-V Characteristics of Bi-2212 Whiskers at Low Magnetic Fields**
ALTIN S., ALTIN E., AKSAN M. A., BALCI Y., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.223-227, 2011 (SCI-Expanded)
- XXXI. **Effect of Bi deficiency on grain alignment of BiPb-2223 thin film fabricated using rf sputtering process and on critical current density properties**
AKSAN M. A., ALTIN S., YAKINCI M. C., GULDESTE A., BALCI Y.
MATERIALS SCIENCE AND TECHNOLOGY, cilt.27, sa.1, ss.314-319, 2011 (SCI-Expanded)
- XXXII. **Oxidation Behavior of Bi(Pb,Ga) SrCaCuO System**
BALCI Y., Ceylan M., AKSAN M. A., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.511-513, 2011 (SCI-Expanded)
- XXXIII. **Effects of In-situ and Ex-situ Heat-Treatment Procedures on the Transport Properties of the MgB₂ Superconducting Thin Films Fabricated by Ultrasonic Spray Pyrolysis (USP) System**
YAKINCI M. C., Aydogdu Y., AKSAN M. A., BALCI Y., ALTIN S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.241-245, 2011 (SCI-Expanded)
- XXXIV. **Effect of Bi₂O₃ Addition on the Single-Crystal BiSrCaCuO Whisker Growth**
ALTIN S., AKSAN M. A., ALTIN E., BALCI Y., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.331-339, 2011 (SCI-Expanded)
- XXXV. **Effect of Substrates on Superconducting Properties of MgB₂ Thick Films Fabricated by Spraying Method**
ÖZABACI M., AKSAN M. A., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.357-363, 2011 (SCI-Expanded)
- XXXVI. **Normal State Electronic Properties of Whiskers Fabricated in Bi-, Ga- and Sb-doped BSCCO System Under Applied Magnetic Fields**
ALTIN S., AKSAN M. A., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.443-448, 2011 (SCI-Expanded)
- XXXVII. **Nano-sized Spherical MgB₂ Superconducting Powder Fabrication Using MHz Range Ultrasonic Spray Pyrolysis (USP) System**
YAKINCI M. C., AKSAN M. A., BALCI Y., ALTIN S., ÖNAL Y., Aydogdu Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.235-239, 2011 (SCI-Expanded)
- XXXVIII. **Effect of Ce substitution on superconducting properties of Bi₂Sr₂Ca₂Cu₃O_{10+delta} system fabricated by glass-ceramic technique**
OZTURK R., AKSAN M. A., ALTIN S., YAKINCI M. C., BALCI Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.1105-1110, 2011 (SCI-Expanded)
- XXXIX. **Kinetics of non-isothermal crystallization of Bi₃Sr₂Ca₂Cu_{3-x}Sn_xO_{10+delta} glass-ceramics**
Koralay H., Cavdar S., AKSAN M. A.
PHYSICA B-CONDENSED MATTER, cilt.405, sa.23, ss.4801-4805, 2010 (SCI-Expanded)
- XL. **Effects of SnO on growth and physical properties of BSCCO whiskers**
ALTIN S., AKSAN M. A., BALCI Y., YAKINCI M. C.

MATERIALS SCIENCE AND TECHNOLOGY, cilt.26, sa.9, ss.1125-1131, 2010 (SCI-Expanded)

- XLI. **The single crystal superconducting Bi-2212 whiskers fabrication and their thermal transport properties**
ALTIN S., AKSAN M. A., YAKINCI M. C., BALCI Y.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.502, sa.1, ss.16-23, 2010 (SCI-Expanded)
- XLII. **The Effect of Ru Substitution on the Thermal, Structural and Magnetic Properties of Bi₃Sr₂Ca₂Cu₃O_{7-δ} Superconducting System**
AKSAN M. A., YAKINCI M. C., KADOWAKI K.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.23, sa.3, ss.371-380, 2010 (SCI-Expanded)
- XLIII. **Transport Properties under Magnetic Field and J(c)(H) Peak Effect on Single-Crystal Bi-2212 Whiskers**
ALTIN S., AKSAN M. A., BALCI Y., YAKINCI M. C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.22, sa.8, ss.775-784, 2009 (SCI-Expanded)
- XLIV. **A study on the thermoelectric power and thermal conductivity properties of the Y_{1-x}Nd_xBa₂Cu₃O_{7-δ} system**
ADIGÜZEL H. İ., AKSAN M. A., YAKINCI M. C.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, cilt.207, ss.258-264, 2008 (SCI-Expanded)
- XLV. **The effect of Mo addition on the microstructure and J(c) properties of MgB₂ tapes fabricated by PIT method**
Bayazit E., ALTIN S., YAKINCI M. C., AKSAN M. A., BALCI Y.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.457, ss.42-46, 2008 (SCI-Expanded)
- XLVI. **Thermal and superconducting properties of glass-ceramic HT(c) BiSrCa(CuPr)O system**
AKSAN M. A., YAKINCI M. C.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, cilt.196, ss.365-372, 2008 (SCI-Expanded)
- XLVII. **Structural characterization and transport properties of the HTc Bi₂Sr₂(Ca,Cd)Cu₂O₈+δ glass-ceramic rods**
Aksan M. A., ALTIN S., BALCI Y., YAKINCI M. E.
MATERIALS CHEMISTRY AND PHYSICS, cilt.106, ss.428-436, 2007 (SCI-Expanded)
- XLVIII. **Thermoelectric power and thermal conduction studies on the Nd substituted BPSCCO (2234) superconductors**
Ozkurt B., Ocelik B., Kiyamac K., AKSAN M. A., YAKINCI M. C.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.467, ss.112-119, 2007 (SCI-Expanded)
- XLIX. **Structural and physical properties of nd substituted bismuth cuprates Bi_{1.7}Pb_{0.3-x}Nd_xSr₂Ca₃Cu₄O_{12+y}**
Oezkurt B., EKICIBIL A., Aksan M. A., Oezcelik B., Yakinci M. E., KIYMAC K.
JOURNAL OF LOW TEMPERATURE PHYSICS, cilt.149, ss.105-118, 2007 (SCI-Expanded)
- L. **Magnetoresistance properties of Co-added MgB₂ tapes prepared by PIT method**
BAYAZIT E., YAKINCI M. E., BALCI Y., Aksan M. A.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.460, ss.610-611, 2007 (SCI-Expanded)
- LI. **Effects of thickness on the grain alignment and J(c) properties of (Hg_{0.8}Re_{0.2})Ba₂Ca₂Cu₃O_x superconductor thick films**
YAKINCI M. E., Aksan M. A., BALCI Y., ALTIN S.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.460, ss.1386-1387, 2007 (SCI-Expanded)
- LII. **Effects of preparation pressure on the magnetic and I-V properties of nano Cu particles added MgB₂ tapes**
YAKINCI Z. D., BALCI Y., YAKINCI M. E., Aksan M. A.
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- LIII. **Fabrication and properties of superconducting single crystal cross-(micro) whiskers junction**
ALTIN S., YAKINCI M. E., Aksan M. A., BALCI Y.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.460, ss.1337-1338, 2007 (SCI-Expanded)
- LIV. **Magnetoresistance behavior in the (BiPb)₂Sr₂Ca₂Cu₃O_x thin films**

- Aksan M. A., YAKINCI M. E., GULDESTE A.
THIN SOLID FILMS, cilt.515, ss.8022-8027, 2007 (SCI-Expanded)
- LIV. **Effect of Mo substitution on the structural and transport properties of $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_{3-x}\text{Mo}_x\text{O}_{10+y}$ system**
Aksan M. A., YAKINCI M. E.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.433, ss.22-32, 2007 (SCI-Expanded)
- LVI. **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., KIYMAC K.
JOURNAL OF LOW TEMPERATURE PHYSICS, cilt.147, ss.31-48, 2007 (SCI-Expanded)
- LVII. **Co-addition into $\text{WgB}(2)$: The structural and electronic properties of $(\text{MgB}_2)(2-x)\text{Co}_x$**
Aksan M. A., YAKINCI M. E., GULDESTE A.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.424, ss.33-40, 2006 (SCI-Expanded)
- LVIII. **An analysis of load-depth data in depth-sensing microindentation experiments for intermetallic MgB_2**
KOLEMEN U., UZUN O., Aksan M. A., GUCLU N., YAKINCI M.
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- LIX. **Degradation of superconducting properties in MgB_2 by Cu addition**
Aksan M. A., GULDESTE A., BALCI Y., YAKINCI M.
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- LX. **Thermal analysis study of $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_{3-x}\text{Er}_x\text{O}_{10+\delta}$ glass-ceramic system**
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JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.81, sa.2, ss.417-423, 2005 (SCI-Expanded)
- LXI. **Fabrication and properties of $(\text{Hg}_{0.8}\text{Re}_{0.2})\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_x$ superconducting thick films**
YAKINCI M., Aksan M. A., BALCI Y.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, cilt.18, sa.4, ss.494-502, 2005 (SCI-Expanded)
- LXII. **Synthesis and characterization of Er-substituted $\text{Bi}-2223$ H-T-c glass-ceramic superconductors**
Aksan M. A., YAKINCI M.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.385, ss.33-43, 2004 (SCI-Expanded)
- LXIII. **Enhanced J_c properties of MgB_2 materials processed under a magnetic field**
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- LXIV. **Thermoelectric power and thermal conductivity properties in superconducting $(\text{MgB}_2)(2-x)\text{Cr}_x$ materials**
YAKINCI M., BALCI Y., Aksan M. A.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.408, ss.684-685, 2004 (SCI-Expanded)
- LXV. **Effect of substrates on I-c anisotropy in thick film $\text{Bi}_{1.7}\text{Ga}_{0.3}\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+y}$ glass-ceramic superconductors**
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- LXVI. **Study on the physical and electrical properties of Bi_2 -delta Zn delta $\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+y}$ glass-ceramic superconductors**
Aksan M. A., YAKINCI M., BALCI Y.
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- LXVII. **Crystallization activation energy and hole concentration properties of the $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{CdxCu}_2\text{O}_{8+y}$ glass-ceramic superconductor rods**
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