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Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 1999 - 2005

Yüksek Lisans, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 1995 - 1999

Lisans, Karadeniz Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, Türkiye 1991 - 1995

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Fizik, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Süperiletkenlik, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Fizik, 2021 - Devam Ediyor

Doç.Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Fizik, 2012 - 2021

Yrd.Doç.Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Fizik, 2006 - 2012

Yönetilen Tezler

Öztürk A., İçi Boş Yüksek Sıcaklık Süperiletkenlerinin Manyetik Perdeleme Özelliklerinin Sonle Elemanlar Yöntemi İle İyileştirilmesi, Doktora, A.KARA(Öğrenci), 2021

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Theoretical Study of the Effect of Magnetic Field Sweep Rate and Temperature on Shielding Efficiency in a Bulk Tube-Shaped HTS**

ÖZTÜRK A., Kara A.

JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.33, sa.11, ss.3411-3416, 2020 (SCI İndekslerine Giren Dergi)

II. **Comparative Investigation on Magnetic Behavior of Partial Rare Earth Element (Re: Lu, Yb, and Dy)**

Substituted Y0.5Re0.5BCO (123) Superconductors

ÖZTÜRK A., Duzgun I., Basoglu M., Celebi S.

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- III. **Effect of DC Field on AC-Loss Peak in a Commercial Bi:2223/Ag tape**
ÖZTÜRK A., Düzgün İ., ÇELEBİ S.
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- IV. **The Effect of Dy Doping on the Magnetic Behavior of YBCO Superconductors**
Ozturk A., Dogan M., Düzgün İ., Celebi S.
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- V. **Magnetic Relaxation in a Y0.5Lu0.5Ba2Cu3Oy Superconductor at Various Magnetization Levels**
Celebi S., ÖZTÜRK A., Uysal E., Kutuk S., Duzgun I.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.28, sa.1, ss.33-39, 2015 (SCI İndekslerine Giren Dergi)
- VI. **Effects of Lu Doping on the Magnetic Behavior of YBCO Superconductors Prepared by MPMG Method**
Uysal E., ÖZTÜRK A., Kutuk S., Celebi S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.27, sa.9, ss.1997-2003, 2014 (SCI İndekslerine Giren Dergi)
- VII. **Properties of MgB2 Thin Films Deposited on Different Substrates Prepared by Ex-Situ Annealing Process**
Koparan E. T. , ÖZTÜRK A., Bayazit T., Surdu A., Sidorenko A., Yanmaz E.
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- VIII. **Magnetization Anisotropy in YBCO Superconductors Prepared MPMG Method**
Celebi S., Kutuk S., BOLAT S., ÖZTÜRK A.
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- IX. **Irreversibility Line and Flux Relaxation in Bi:2223/Ag Tape Prepared by CTFF Technique: H//c axis**
Duzgun I., ÖZTÜRK A., Celebi S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.23, sa.7, ss.1349-1354, 2010 (SCI İndekslerine Giren Dergi)
- X. **The effect of partial Lu doping on magnetic behaviour of YBCO (123) superconductors**
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JOURNAL OF ALLOYS AND COMPOUNDS, cilt.495, sa.1, ss.104-107, 2010 (SCI İndekslerine Giren Dergi)
- XI. **AC loss study by AC susceptibility measurement in a commercial Bi:2223/Ag tape prepared by the CTFF method: H parallel to c axis and short specimen**
Celebi S., Duzgun I., ÖZTÜRK A.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, cilt.23, sa.2, 2010 (SCI İndekslerine Giren Dergi)
- XII. **Observations of a hysteresis loss valley in yttrium barium copper oxide superconductors**
Celebi S., Ozturk A., Kolemen U., LeBlanc M. A. R.
JOURNAL OF APPLIED PHYSICS, cilt.100, sa.7, 2006 (SCI İndekslerine Giren Dergi)
- XIII. **Effect of do bias field superimposed with ac field amplitudes on the hysteresis loss in a sintered YBCO superconductor**
Ozturk A., Celebi S.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.421, ss.4-7, 2006 (SCI İndekslerine Giren Dergi)
- XIV. **AC losses and determination of some superconducting parameters of Ag2O added Bi2223 superconductors**
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- XV. **Observations and model of a new ac-loss valley in a YBCO superconductor**
Ozturk A., Celebi S., LeBlanc M.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, cilt.18, sa.8, ss.1029-1034, 2005 (SCI İndekslerine Giren Dergi)
- XVI. **Mechanical properties of YBCO and YBCO+ZnO polycrystalline superconductors using Vickers hardness test at cryogenic temperatures**
Kolemen U., Celebi S., Yoshino Y., Ozturk A.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, cilt.406, ss.20-26, 2004 (SCI İndekslerine Giren Dergi)
- XVII. **Superconducting and Vickers hardness properties of ZnO-added YBCO polycrystalline superconductors**
KOLEMEN U., CELEBI S., KARAL H., OZTURK A., Cevik U., NEZIR S., GORUR O.
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- XVIII. **Effect of ZnO additions on the magnetic behaviour in YBCO superconductors**
Celebi S., Kolemen U., Malik A., Ozturk A.
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, cilt.194, sa.1, ss.260-270, 2002 (SCI İndekslerine Giren Dergi)
- XIX. **Determination of the material parameters of a melt-textured YBCO superconductor by DC magnetization analysis**
Celebi S., Ozturk A., Yanmaz E., Kopya A.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.298, ss.285-290, 2000 (SCI İndekslerine Giren Dergi)
- XX. **Magnetic responses of a high-T_c semi-reversible YBCO superconductor**
CELEBI S., OZTURK A., Cevik U.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.288, ss.249-254, 1999 (SCI İndekslerine Giren Dergi)
- XXI. **Fabrication and characterization of Bi_{1.84}Pb_{0.34}Sr_{1.91}Ca_{2.03}Cu_{3.06}O₁₀ superconductors prepared by a wet technique**
Celebi S., Karaca I., Ozturk A., Nezir S.
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- XXII. **Flux trapping properties of Bi(Pb)-Sr-Ca-Cu-O superconducting hollow cylinder: the effect of azimuthal flux on flux trapping in the cavity**
Celebi S., Gencer A., Ozturk A.
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Diğer Dergilerde Yayınlanan Makaleler

- I. **The effect of potassium doping on resistive transitions and transport critical current of bulk YBCO high-T_c superconductors**
ÇELEBİ S., ÖZTÜRK A., Karaca İ., Kölemen U.
TURKISH JOURNAL OF PHYSICS, cilt.24, ss.567-576, 2000 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Measurements of the relaxation at remanent magnetization of Bi: 2223/Ag Tape superconductor produced by Power in Tube (PIT) method**
DÜZGÜN İ., ÖZTÜRK A., ÇELEBİ S.
3rd International Conference on Science, Ecology and Technology (ICONSETE-2017), ROMA, İtalya, 14 - 16 Ağustos 2017
- II. **Granularity Effect on Magnetic Behaviour in BSCCO Superconductor”, , page 53, , 2017, Ottawa, Canada**
ÇELEBİ S., KARACA İ., ÖZTÜRK A.
29th Canadian Material Science Conference, Ottawa, Kanada, 20 - 23 Haziran 2017, ss.53

- III. **Granularity Effect on Magnetic Behaviour in $\text{Bi}_{1.84}\text{Pb}_{0.34}\text{Sr}_{1.91}\text{Ca}_{2.03}\text{Cu}_{3.06}\text{O}_{10}$ Superconductor**
ÇELEBİ S., KARACA İ., ÖZTÜRK A.
29th Canadian Materials Science Conference, Ottawa, Kanada, 20 - 23 Haziran 2017
- IV. **Observation of AC_Loss Valley in a Commercial Bi:2223/Ag Tape**
Duzgun I., ÖZTÜRK A., ÇELEBİ S.
III International Conference on Engineering and Natural Science, Budapest, Macaristan, 3 - 07 Mayıs 2017, ss.346
- V. **Arc erosion behavior of Cu-nanographite electrical contact materials**
VAROL T., ÇANAKÇI A., ÖZTÜRK A.
16th International Materials Symposium IMSP'2016, Denizli, Türkiye, 12 - 14 Ekim 2016, ss.271-277
- VI. **Effect of Dy Substitution at Ca Sites in BSCCO Ceramic Superconductors**
DÜZGÜN İ., ÖZTÜRK A., ÇELEBİ S.
VII International conference for Young Scientist, Kharkiv, Ukrayna, 6 - 10 Haziran 2016
- VII. **AC hysteresis losses in $\text{Y}_{0.5}\text{Lu}_{0.5}\text{Ba}_2\text{Cu}_3\text{O}_7$ superconductor**
ÖZTÜRK A., ÇELEBİ S.
5th National Superconductivity Symposium, İzmir Institute of Technology 2011, İzmir, Turkey, İzmir, Türkiye, 3 - 06 Temmuz 2011

Desteklenen Projeler

ALVER Ü., DUMAN M. S. , ÇUVALCI H., ÇANAKÇI A., ASLAN M., AKPINAR M. V. , OKUMUŞ H. İ. , YILDIRIM İ., DENİZ İ., BELDÜZ A. O. , et al., Yükseköğretim Kurumları Destekli Proje, ZIRHLI YELEKLER İÇİN FONKSİYONEL DERECELENDİRİLMİŞ HİBRİT NANOKOMPOZİT MALZEMELERİN ÜRETİMİ VE ÖZELLİKLERİNİN İNCELENMESİ, 2015 - 2016

Atıflar

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