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Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Fen Fakültesi, Fizik Bölümü, Turkey 2001 - 2007

Post Graduate, Karadeniz Technical University, Fen Bilimleri Eğitimi, Fizik Bölümü, Turkey 1996 - 2000

Under Graduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Fizik Öğretmenliği Bölümü, Turkey 1991 - 1995

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Erasmus Personel Hareketliliği, Grenoble Institute of Technology, 2015

Education Management and Planning, Fen ve Mühendislik Bilimlerinde Araştırma Projesi Hazırlama Eğitimi, Karadeniz Teknik Üniversitesi, 2013

Education Management and Planning, Bilgilendirme ve Eğitim Semineri, Karadeniz Teknik Üniversitesi/ Tübitak, 2012

Health&Medicine, Okul Sağlığı (İlk Yardım-İlk Müdahale) Semineri, Trabzon Milli Eğitim Müdürlüğü, 2011

Education Management and Planning, Uzman Öğretmenlik Sertifikası, Milli Eğitim Bakanlığı, 2006

Education Management and Planning, Eğitim Teknolojisi Kursu, Milli Eğitim Bakanlığı, 2002

Dissertations

Doctorate, MgB₂ Süperiletkeninin Üretimi ve Bazı Fiziksel Özelliklerinin İncelenmesi, Karadeniz Technical University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2007

Post Graduate, YBa₂Cu₃O(7-X) Polimer Karışımlarının Yapısal ve Fiziksel Özelliklerinin İncelenmesi, Karadeniz Technical University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2000

Research Areas

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Magnetic Properties and Materials, Superconductivity, Natural Sciences

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği, 2017 - Continues

Assistant Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, 2011 - 2017

Professional Experience

Deputy Head of Department, Karadeniz Technical University, Enerji Sistemleri Mühendisliği, 2016 - Continues
Farabi Coordinator, Karadeniz Technical University, Of Teknoloji Fakültesi, 2014 - Continues

Courses

Çevre Sorunları, Under Graduate, 2016 - 2017
Malzeme Bilgisi, Under Graduate, 2016 - 2017
Enerji Sistemleri Mühendisliğine Giriş, Under Graduate, 2015 - 2016
Araştırma Yöntem ve Teknikleri, Under Graduate, 2016 - 2017
Tasarım Projesi, Under Graduate, 2015 - 2016
Çevre ve Enerji, Under Graduate, 2016 - 2017
Temel Fizik 2, Under Graduate, 2013 - 2014
İntermetalik Süperiletken Malzemeler, Post Graduate, 2013 - 2014
Düşük Sıcaklık Süperiletkenlerinin Uygulamaları, Post Graduate, 2013 - 2014
Temel Fizik 1, Under Graduate, 2013 - 2014

Advising Theses

SAVAŞKAN B., C4H6O5 Katkılı ve Katkısız MgB2 Süperiletkenlerinin Manyetik Kaldırma Kuvveti Özelliklerinin Elektromanyetik Uygulamalar için Araştırılması, Post Graduate, V.Kapucu(Student), 2014

Jury Memberships

Post Graduate, Yüksek Lisans Tez Jürisi, Recep Tayyip Erdoğan Üniversitesi / Yüksek Lisans Tez Jürisi, January, 2019
Doctorate, Tez Savunma Jürisi, Recep Tayyip Erdoğan Üniversitesi/Doktora Tez Savunma Sınavı, April, 2017
Post Graduate, Yüksek Lisans Tez Jürisi, Karadeniz Teknik Üniversitesi/ Yüksek Lisans Tez Savunma Sınavı, October, 2014

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

- I. **Determination of magnetic levitation force properties of bulk MgB2 for different permanent magnetic guideways in different cooling heights**
SAVAŞKAN B., Abdioglu M., ÖZTÜRK K.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.834, 2020 (Journal Indexed in SCI)
- II. **Trapped magnetic field and levitation force properties of multi-seeded YBCO superconductors with different seed distance**
SAVAŞKAN B., Guner S. B. , Yamamoto A., ÖZTÜRK K.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.829, 2020 (Journal Indexed in SCI)
- III. **IR laser line scanning treatments to improve levitation forces in MgTi0.06B2 bulk materials**
Ozturk K., Aksoy C., Angurel L. A. , Savaskan B., Martinez E., Badia-Majos A., de la Fuente G. F. , Guner B., Dancer C. E. J. , Celik S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.811, 2019 (Journal Indexed in SCI)

- IV. **Investigation on superconducting and magnetic levitation force behaviour of excess Mg doped-bulk MgB₂ superconductors**
Guner S. B. , SAVAŞKAN B., ÖZTÜRK K., ÇELİK Ş., AKSOY C., KARABOĞA F., TAYLAN KOPARAN E., Yanmaz E.
CRYOGENICS, vol.101, pp.131-136, 2019 (Journal Indexed in SCI)
- V. **Enhanced Magnetic Levitation and Guidance Force in MgB₂ Bulks by Synthetic Engine Oil**
SAVAŞKAN B., Taylan Koparan E., Güner S. B. , Öztürk K., Çelik Ş.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, pp.827-837, 2019 (Journal Indexed in SCI)
- VI. **The investigation on the regional nanoparticle Ag doping into MgTi_{0.06}B₂ bulk for improvement the magnetic levitation force and the bulk critical current**
ÖZTÜRK K., Dancer C. E. J. , SAVAŞKAN B., AKSOY C., GUNER B., BADICA P., ALDICA G., Celik S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.724, pp.427-434, 2017 (Journal Indexed in SCI)
- VII. **The size effect on the magnetic levitation force of MgB₂ bulk superconductors**
Savaskan B., Koparan E. T. , Guner S. B. , Celik S., Yanmaz E.
CRYOGENICS, vol.80, pp.108-114, 2016 (Journal Indexed in SCI)
- VIII. **Changes in mechanical and structural properties of Bi-2212 added MgB₂ superconductors**
Koparan E. T. , SAVAŞKAN B., Ozturk O., Kaya S., AKSOY C., Wang J., Speller S. C. , Grovenor C. R. M. , Gencer A., Yanmaz E.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.27, pp.6060-6070, 2016 (Journal Indexed in SCI)
- IX. **Effects of Bi-2212 addition on the levitation force properties of bulk MgB₂ superconductors**
Koparan E. T. , Savaskan B., Guner S. B. , Celik S.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.122, 2016 (Journal Indexed in SCI)
- X. **The Effect of Magnetic Field Distribution and Pole Array on the Vertical Levitation Force Properties of HTS Maglev Systems**
ÖZTÜRK K., Abdioglu M., Sahin E., Celik S., GEDİKLİ H., SAVAŞKAN B.
IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, vol.25, 2015 (Journal Indexed in SCI)
- XI. **Effect of C₄H₆O₅ Adding on the Critical Current Density and Lateral Levitation Force of Bulk MgB₂**
Savaşkan B., Taylan Koparan E., Güner S. B. , Çelik Ş., ÖZTÜRK K., Yanmaz E.
LOW TEMPERATURE PHYSICS, vol.181, pp.38-48, 2015 (Journal Indexed in SCI)
- XII. **Investigation on the levitation force behaviour of malic acid added bulk MgB₂ superconductors**
SAVAŞKAN B., Koparan E. T. , CELİK S., ÖZTÜRK K., YANMAZ E.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.502, pp.63-69, 2014 (Journal Indexed in SCI)
- XIII. **Complete flux jumping in nano-structured MgB₂ superconductors prepared by mechanical alloying**
Yanmaz E., Savaskan B., Basoglu M., Koparan E. T. , Dilley N. R. , Grovenor C. R. M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.480, pp.203-207, 2009 (Journal Indexed in SCI)
- XIV. **Activation energy U(H) and pinning behavior of yb-impurity-diffused YBa₂Cu₃O_{7-x}**
Ozturk K., CELİK S., YANMAZ E., SAVASKAN B.
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.204, pp.3478-3486, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **MgB₂ Külçe Örneklerine SiC Eklenmesi ile Manyetik Kaldırma ve Kılavuzlama Kuvvetinin İyileştirilmesi**
SAVAŞKAN B., Güner S. B. , Taylan Koparan E.
Zonguldak Karaelmas Üniversitesi Sosyal Bilimler Dergisi, vol.8, pp.595-601, 2018 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of The Effect of Nano-Pt/SiC Addition on Magnetic Properties of MgB2 Superconductors**
TAYLAN KOPARAN E., SAVAŞKAN B., GÜNER S. B. , AKSOY C., ÇELİK Ş.
International Conference on Condensed Matter and Materials Science (ICMMS-2019), 14 - 19 October 2019
- II. **Microstructure Comparison of Superconducting Joints Fabricating by Using Different Techniques**
AKSOY C., SAVAŞKAN B.
ISASE 2018, 26 - 28 November 2018
- III. **MgB2 Süperiletken Örneklerine Ti Eklenmesinin Manyetik Kaldırma Kuvveti Özellikleri Üzerine Etkisi**
TAYLAN KOPARAN E., SAVAŞKAN B., GÜNER S. B. , AKSOY C.
9th International Science and Technology Conference, Paris, France, 18 - 20 July 2018, pp.408-416
- IV. **MgB2 SÜPERİLETKEN ÖRNEKLERİNE Ti EKLENMESİNİN MANYETİK KALDIRMA KUVVETİ ÖZELLİKLERİ ÜZERİNE ETKİSİ**
TAYLAN KOPARAN E., SAVAŞKAN B., GÜNER S. B. , AKSOY C.
International Science and Technology Conference, 18 - 20 July 2018, pp.408-416
- V. **K-Shell X-Ray Fluorescence Parameters of Superconducting Ag added MgTi0.06B2 bulk samples**
AKSOY C., TIRAŞOĞLU E., ÖZTÜRK K., SAVAŞKAN B., Güner B., Taylan Koparan E.
Nuclear Structure Properties: NSP2018, Trabzon, Turkey, 12 September - 14 October 2018, pp.73
- VI. **The Effect of IR-Laser Application on Magnetic Properties of Partially Ag Doped into Bulk MgTi0.06B2**
AKSOY C., ÖZTÜRK K., GÜNER S. B. , SAVAŞKAN B., de la Fuente G., Angurel L., Badica P., Aldica G., ÇELİK Ş.
6th International Conference on Superconductivity and Magnetism, 29 April - 04 May 2018, pp.634
- VII. **The Influence of Regional Silver Adding and Ir-Laser Application on Superconducting Properties of MgTi0.06B2**
SAVAŞKAN B., ÖZTÜRK K., GÜNER S. B. , AKSOY C., de la Fuente G., Angurel L., Badica P., Aldica G., ÇELİK Ş.
6th International Conference on Superconductivity and Magnetism, 29 April - 04 May 2018, pp.169
- VIII. **Investigation of the Effect of Nano-Pt/SiC Addition on Levitation Force Properties of MgB2 Superconductors at Different Temperatures**
TAYLAN KOPARAN E., SAVAŞKAN B., GÜNER S. B. , AKSOY C., İNGENÇ B., ÇELİK Ş.
6th International Conference on Superconductivity and Magnetism, 29 April - 04 May 2018, pp.635
- IX. **The Microstructural change after IR-laser Application of Partially Ag Doped to Bulk MgTi0.06B2**
AKSOY C., ÖZTÜRK K., Güner S. B. , SAVAŞKAN B., de la Fuente G. F. , Angurel L., Dancer C., Çelik Ş.
International Conference of Superconductivity and Magnetism (icsm 2018) 2018, Antalya, Turkey, 29 April - 04 May 2018, pp.634
- X. **Investigation Of The Effect Of Nano-Pt/Sic Addition On Levitation Force Properties Of Mgb2 Superconductors At Different Temperatures**
Taylan Koparan E., SAVAŞKAN B., Güner B., AKSOY C., İngenç B., Çelik Ş.
International Conference of Superconductivity and Magnetism (icsm 2018) 2018, Antalya, Turkey, 29 April - 04 May 2018, pp.635
- XI. **Investigation of The Effect of Nano-Pt/SiC Addition on Levitation Force Properties of MgB2 Superconductors at Different Temperatures**
TAYLAN KOPARAN E., SAVAŞKAN B., GÜNER S. B. , AKSOY C., İNGENÇ B., ÇELİK Ş.
6th International Conference on Superconductivity and Magnetism (ICSM 2018), 29 April - 04 May 2018
- XII. **The Microstructural and Magnetic Levitation Force Improvement Application of Partially Ag Doped to Bulk MgTi0.06B2**
AKSOY C., ÖZTÜRK K., GÜNER S. B. , SAVAŞKAN B., de la Fuente G., Angurel L., Dancer C., ÇELİK Ş.
International Conference on Condensed Matter and Materials Science (ICMMS-2017), Adana, Turkey, 11 - 15 October 2017, pp.37
- XIII. **The Microstructural and Magnetic Levitation Force Improvement by IR-laser Application Partially Ag Doped to Bulk MgTi0.06B2**

AKSOY C., ÖZTÜRK K., GÜNER S. B. , SAVAŞKAN B., De La Fuente G., Angurel L., Dancer C., ÇELİK Ş.
INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND MATERIALS SCIENCE, Adana, Turkey, 11 - 15
October 2017, pp.37

- XIV. **The Microstructural and Magnetic Levitation Force Improvement by IR Application of Partially Ag Doped to Bulk MgTi_{0.06}B₂**
AKSOY C., ÖZTÜRK K., GÜNER S. B. , SAVAŞKAN B., LE FEUNTE X., Angurel L. A. , DANCER C., ÇELİK Ş.
International Conference on Condensed Matter and Materials Science 2017-(IMCCMMS-17), 11 October 2016 - 15
October 2017
- XV. **The Investigation of Structural, Electrical and Magnetic properties of SiC doped MgB₂ superconductors**
SAVAŞKAN B., GÜNER S. B. , TAYLAN KOPARAN E., AKSOY C., ÇELİK Ş., ÖZTÜRK K.
International Conference on Condensed Matter and Materials Science, Adana, Turkey, 11 - 15 October 2017, pp.92
- XVI. **Investigation of Structural, Electrical and Magnetic Properties of SiC doped MgB₂ Superconductors**
SAVAŞKAN B., GÜNER S. B. , TAYLAN KOPARAN E., AKSOY C., ÇELİK Ş., ÖZTÜRK K.
International Conference on Condensed Matter and Materials Science (ICMMS-2017), Adana, Turkey, 11 - 15
October 2017, pp.92
- XVII. **Investigation of Structural, Electrical and Magnetic Properties of SiC doped MgB₂**
SAVAŞKAN B., Güner B., AKSOY C., Taylan Koparan E., Çelik Ş., ÖZTÜRK K.
International Conference on Condensed Matter and Materials Science 2017, Adana, Turkey, 11 - 15 October 2017,
pp.16
- XVIII. **The Investigation of Electrical, Structural and Magnetic Levitation Force Performances of Single Grain YBCO Bulk Superconductors**
Güner B., Çelik Ş., Tomakin M., Öztürk Ö., ÖZTÜRK K., SAVAŞKAN B.
ICMMS-2017, Adana, Turkey, 11 - 15 October 2017, pp.34
- XIX. **The Microstructural and Magnetic Levitation Force Improvement IR laser Application of Partially Ag Doped to Bulk MgTi_{0.06}B**
AKSOY C., ÖZTÜRK K., Güner B., SAVAŞKAN B., Feunte X. L. , Agurel L. A.
International Conference on Condensed Matter and Materials Science 2017, Adana, Turkey, 11 - 15 October 2017,
pp.17
- XX. **The Study of Electrical, Structural and Magnetic Properties of Mg doped MgB₂ Superconductors**
Güner B., SAVAŞKAN B., Çelik S., ÖZTÜRK K.
ICMMS-2017, Adana, Turkey, 11 - 15 October 2017, pp.92
- XXI. **The Investigation of Electrical, Structural and Magnetic Properties of SiC doped MgB₂ Superconductors**
SAVAŞKAN B., GÜNER S. B. , TAYLAN KOPARAN E., AKSOY C., ÇELİK Ş., ÖZTÜRK K.
INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND MATERIAL SCIENCES, 11 - 15 October 2017
- XXII. **The Role of The Nano-Ag Adding on Levitation Force of Bulk MgB₂**
GÜNER B., SAVAŞKAN B., Çelik Ş., Karaboğa F., Gündoğdu A., Demir B.
33. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 10 September 2017, pp.14
- XXIII. **Effects of SiC Addition on the Levitation Force Properties of Bulk MgB₂ Superconductors**
SAVAŞKAN B., Güner B., Çelik Ş., Karaboğa F., Karaboğa F., Gündoğdu A., Demir B.
33. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 10 September 2017, pp.13
- XXIV. **Effects of SiC on Vertical Levitation Force Properties in the Bulk MgB₂ Superconductors**
Taylan Koparan E., SAVAŞKAN B., AKSOY C., Güner B.
Natural Science, Engineering and Architecture (IV. IMCOFE'17), Roma, Italy, 23 - 25 August 2017, pp.15
- XXV. **The Effects of Fe₂O₃ Nanoparticles on MgB₂ Superconducting Thin Films**
Taylan Koparan E., AKSOY C., SAVAŞKAN B.
Natural Science, Engineering and Architecture (IV. IMCOFE'17), Roma, Italy, 23 - 25 August 2017, pp.17
- XXVI. **Fabricating Environmentally Friendly Superconducting Solders**
AKSOY C., SAVAŞKAN B., Taylan Koparan E.
Natural Science, Engineering and Architecture (IV. IMCOFE'17), Roma, Italy, 23 - 25 August 2017, pp.13

- XXVII. **Lead-free Superconducting Joints**
AKSOY C., SAVAŞKAN B., Taylan Koparan E.
Natural Science, Engineering and Architecture (IV. IMCOFE'17), Roma, Italy, 23 - 25 August 2017, pp.14
- XXVIII. **Investigation of electrical properties in malic acid added bulk MgB₂ superconducting samples**
Taylan Koparan E., SAVAŞKAN B.
International Science and Technology Conference (ISTEC 2017), Berlin, Germany, 17 - 19 July 2017, pp.18
- XXIX. **Farklı Oranda Mg Katkılanmış MgB₂ Süperiletkeninin yapısal ve manyetik karakterizasyonu**
SAVAŞKAN B., Güner S. B. , Aksoy C., POURNADERI S., Taylan Koparan E., Karaboğa F.
22. Yoğun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 16 December 2016, pp.15
- XXX. **The Effects of Excess Mg Addition on the superconductivity of bulk MgB₂**
SAVAŞKAN B., Güner B., Taylan Koparan E., Aksoy C., Çelik Ş.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.136
- XXXI. **The effect of the excess Mg addition on the superconductivity of bulk MgB₂**
SAVAŞKAN B., Güner S. B. , Koparan E. T. , AKSOY C., Çelik Ş.
32. TFD. Fizik kongresi, Muğla, Turkey, 6 - 09 September 2016, pp.136
- XXXII. **The effect of permanent magnet diameter on magnetic levitation force of bulk MgB₂ superconductors**
Güner B., SAVAŞKAN B., Taylan Koparan E., Çelik Ş.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.355
- XXXIII. **Influence of Bi-2212 Addition on Micromechanical Properties of Bulk MgB₂ Superconductors**
Taylan Koparan E., SAVAŞKAN B., Öztürk Ö., Kaya S.
5 th International Conference on Superconductivity and Magnetism (ICSM 2016), Muğla, Turkey, 24 - 30 April 2016, pp.7
- XXXIV. **Synthesis, Structural and Magnetic Properties of MgB₂+C₄H₆O₅**
SAVAŞKAN B., Taylan Koparan E.
5 th International Conference on Superconductivity and Magnetism (ICSM 2016), Muğla, Turkey, 24 - 30 April 2016, pp.6
- XXXV. **Enhancement of The Critical Current Density in MgB₂ by Synthetic Engine Oil**
Taylan Koparan E., SAVAŞKAN B.
5 th International Conference on Superconductivity and Magnetism (ICSM 2016), Muğla, Turkey, 24 - 30 April 2016, pp.8
- XXXVI. **Enhancement of Mechanical Properties in MgB₂ Bulk Superconductor by Using Synthetic Engine Oil**
SAVAŞKAN B., Taylan Koparan E., Öztürk Ö., Kaya S.
5 th International Conference on Superconductivity and Magnetism (ICSM 2016), Muğla, Turkey, 24 - 30 April 2016, pp.5
- XXXVII. **Effects of Engine Oil on the Levitation and Guidance Force in the Bulk MgB₂ Superconductors**
Savaşkan B., Taylan Koparan E.
12th European Conference on Applied Superconductivity (EUCAS 2015), Lyon, France, 6 - 10 September 2015, pp.110
- XXXVIII. **The Effect of Bi₂Sr₂Ca₁Cu₂O₈+?addition on superconducting properties of bulk MgB₂ obtained by hot-press method**
Taylan Koparan E., Savaşkan B.
12th European Conference on Applied Superconductivity (EUCAS 2015), Lyon, France, 6 - 10 September 2015, pp.102
- XXXIX. **SENTETİK MOTOR YAĞI KULLANILARAK SÜPERİLETKEN ÖZELLİKLERİ İYİLEŞTİRİLMİŞ KÜLÇE MgB₂ ÖRNEKLERİNİN MAGLEV UYGULAMALARI İÇİN KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI**
Taylan Koparan E., Savaşkan B.
Bülent Ecevit Üniversitesi II. Ar-Ge ve İnovasyon Proje Pazarı, Zonguldak, Turkey, 07 May 2015, pp.47
- XL. **Investigation of the effect of Bi-2212 addition on vertical levitation force properties of MgB₂ superconductors at different temperatures**
Taylan Koparan E., Savaşkan B., Güner S. B. , Çelik Ş., Yanmaz E.

9th International Conference on Magnetic and Superconducting Materials (MSM 15), Antalya, Turkey, 30 April - 03 May 2015, pp.61

- XLII. **Guidance force measurement at different temperatures for MgB₂ bulk superconductors**
Savaşkan B., Taylan Koparan E., Güner S. B. , Çelik Ş., Yanmaz E.
9th International Conference on Magnetic and Superconducting Materials (MSM 15), Antalya, Turkey, 30 April - 03 May 2015, pp.62
- XLIII. **Synthesis and structure properties of MgB₂ bulk superconductor by using synthetic engine oil**
Savaşkan B., Taylan Koparan E.
9th International Conference on Magnetic and Superconducting Materials (MSM 15), Antalya, Turkey, 30 April - 03 May 2015, pp.60
- XLIV. **C4H6O5 Eklenmiş MgB₂ Süperiletkenlerinin Manyetik Kaldırma Kuvveti Özelliklerinin Elektromanyetik Uygulamalar İçin Araştırılması**
SAVAŞKAN B., Taylan Koparan E.
Bülent Ecevit Üniversitesi 1. AR-GE Proje Pazarı, Zonguldak, Turkey, 13 May 2014, pp.89
- XLV. **Measurement of Mass Attenuation Coefficients for MgB₂ Superconductor using X-ray Energies**
AKSOY C., Taylan Koparan E., SAVAŞKAN B., TIRAŞOĞLU E., Yanmaz E.
ICSM2014, Antalya, Turkey, 29 April - 03 May 2014, pp.10
- XLVI. **Effect of the Surface Area on the Magnetic Levitation Force of Disk Shape MgB₂ Superconductors**
SAVAŞKAN B., CELİK S., KOPARAN E. T. , GUNER S. B. , KAPUCU V., DEMİR İ., ÖZTÜRK K., YANMAZ E.
4th International Conference on Superconductivity and Magnetism – ICSM 2014, Antalya, Turkey, 27 April - 02 May 2014, pp.1
- XLVII. **The Effect of C4H6O5 Addition on Magnetic Properties of bulk MgB₂ Superconductors**
Taylan Koparan E., SAVAŞKAN B., Yanmaz E.
4 th International Conference on Superconductivity and Magnetism (ICSM 2014), Antalya, Turkey, 27 April - 02 May 2014, pp.534
- XLVIII. **Effect of The Surface Area on the Magnetic Levitation Force of Disk Shape MgB₂ Superconductors**
Savaşkan B., Çelik Ş., Taylan Koparan E., Güner B., Kapucu V., Öztürk K., Demir İ., Yanmaz E.
4 th International Conference on Superconductivity and Magnetism (ICSM 2014), Antalya, Turkey, 27 April - 02 May 2014, pp.533
- XLIX. **Measurement of Mass Attenuation Coefficients For MgB₂ Superconductor Using X-Ray Energies**
Aksoy C., Taylan Koparan E., SAVAŞKAN B., Yanmaz E.
4 th International Conference on Superconductivity and Magnetism (ICSM 2014), Antalya, Turkey, 27 April - 02 May 2014, pp.532
- L. **Vertical and lateral magnetic levitation properties of malic acid added bulk MgB₂ superconductors**
SAVAŞKAN B., Taylan Koparan E., Çelik Ş., Öztürk K., Kapucu V., Yanmaz E.
7th Asian Conference on Applied Superconductivity and Cryogenics (ACASC 2013), Nevşehir, Turkey, 23 - 25 October 2013, pp.152
- L. **Improvement of superconducting properties of MgB₂ by changing the argon ambient pressure and sintering conditions**
SAVAŞKAN B., ÖZTÜRK K., Celik S., Yanmaz E.
International Conference on Superconductivity and Magnetism (ICSM), Side, Turkey, 25 - 29 August 2008, vol.153
- LI. **Oliver-Pharr ve Enerji Yaklaşımı ile MgB₂ Süperiletkeninin Mekanik Özelliklerinin Analizi**
Kölemen U., Uzun O., Yılmaz F., Boynudelik Ö., SAVAŞKAN B.
15. Yoğun Madde Fiziği- Ankara Toplantısı, Ankara, Turkey, 6 - 08 November 2008, pp.53
- LII. **MgB₂ ve La-Ni-Al Malzemelerinin Enerji Yaklaşımı Metoduyla Deformasyon Karakterlerinin İncelenmesi**
Ergen S., Yılmaz F., Uzun O., Boynudelik Ö., SAVAŞKAN B.
14. Yoğun Madde Fiziği Toplantısı-Haccettepe Üniversitesi, Antalya, Turkey, 1 - 03 November 2007, pp.68
- LIII. **Depth Sensing Microindentation Study on MgB₂ Bulks Sintered at Different Durations**
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Supported Projects

- AKSOY C., SAVAŞKAN B., ŞİMŞEK C., TIRAŞOĞLU E., TAYLAN KOPARAN E., ÇAKIR B., KÜÇÜKÖMEROĞLU T., GÜNER B., YEŞİLBAĞ Ö., Project Supported by Higher Education Institutions, Sürekli Akım Modunda çalışan Süperiletken Mıknatıslar için lehim eklem Üretimi ve Karakterizasyonu, 2020 - Continues
SAVAŞKAN B., AKSOY C., H2020 Project, NANOSCALE COHERENT HYBRID DEVICES FOR SUPERCONDUCTING QUANTUM TECHNOLOGIES, 2018 - Continues
SAVAŞKAN B., AKSOY C., ÇELİK Ş., TAYLAN KOPARAN E., ÖZTÜRK K., GÜNER S. B., Project Supported by Higher Education Institutions, SiC ve Ti Eklenmesiyle Külçe MgB₂ Süperiletkeninin Kritik Akım Yoğunluğu ve Manyetik Kaldırma Kuvveti Özelliklerinin İyileştirilmesi, 2016 - 2018
SAVAŞKAN B., Project Supported by Higher Education Institutions, Külçe MgB₂ Süperiletkenlerinde Akı Çivileme Merkezleri Sayısının Arttırılmasında Karbon Kaynağı Olarak Motor Yağının Kullanılması, 2014 - 2015
SAVAŞKAN B., TUBITAK Project, Farklı Geometri Ve Boyutta Üretilen C₄H₆O₅ Katkılı Ve Katkısız MgB₂ Süperiletkeninin Manyetik Kaldırma Kuvveti Özelliklerinin Elektromanyetik Uygulamalar İçin Araştırılması, 2013 - 2014
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Memberships / Tasks in Scientific Organizations

- European Society for Applied Superconductivity (ESAS), Member, 2015 - Continues

Invited Congress and Symposium Activities

- CSSJ Conference, Attendee, Tokyo, Japan, 2018
ETAMSS18/ In Applications and Multiphysics Simulations in Superconductivity, Invited Speaker, İstanbul, Turkey, 2018
ETAMSS18/ In Applications and Multiphysics in Superconductivity, Attendee, İstanbul, Turkey, 2018
ÇUKUROVA UNIVERSITY INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND MATERIAL SCIENCES (ICMMS-2017), Attendee, Adana, Turkey, 2017
22. Yoğun Madde Fiziği Ankara Toplantısı, Attendee, Ankara, Turkey, 2016
5 th International Conference on Superconductivity and Magnetism (ICSM 2016), Attendee, Muğla, Turkey, 2016
12th European Conference on Applied Superconductivity (EUCAS 2015), Attendee, Lyon, France, 2015
Bülent Ecevit Üniversitesi II. AR-GE ve İnovasyon Proje Pazarı, Attendee, Zonguldak, Turkey, 2015
9th International Conference on Magnetic and Superconducting Materials (MSM 2015), Attendee, Antalya, Turkey, 2015
Bülent Ecevit Üniversitesi I. Ar-Ge Proje Pazarı, Attendee, Zonguldak, Turkey, 2014
4 th International Conference on Superconductivity and Magnetism (ICSM 2014), Attendee, Antalya, Turkey, 2014
7th Asian Conference on Applied Superconductivity and Cryogenics (ACASC 2013), Attendee, Kapadokya/Türkiye, Turkey, 2013
4. Ulusal Süperiletkenler Sempozyumu, Attendee, Trabzon, Turkey, 2009
II. Ulusal Yüksek Sıcaklık Süperiletken Sempozyumu, Attendee, Malatya, Turkey, 2001

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