



## Kişisel Bilgiler

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Yoksis Araştırmacı ID: 120674

## Eğitim Bilgileri

Doktora, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2005 - 2011

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2003 - 2005

Lisans, İnönü Üniversitesi, Fen Edebiyat Fakültesi, Fizik, Türkiye 1999 - 2003

## Yabancı Diller

İngilizce, B2 Orta Üstü

## Araştırma Alanları

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

## Akademik Unvanlar / Görevler

Prof. Dr., İnönü Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler, 2023 - Devam Ediyor

Doç. Dr., İnönü Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler, 2022 - 2023

Doç. Dr., İnönü Üniversitesi, Rektörlük, Fizik, 2017 - 2022

Araştırma Görevlisi, Anadolu Üniversitesi, Fen Fakültesi, Fizik, 2005 - 2009

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. Production of V-Doped P2-type Na<sub>0.67</sub>Mn<sub>0.5</sub>Fe<sub>0.43</sub>Al<sub>0.07</sub>O<sub>2</sub> Cathodes and Investigation of Na-Ion Full Cells Performance**  
Altın S., Doğan E., Altundağ S., Altın E.  
ENERGY TECHNOLOGY, sa.1, ss.1-14, 2023 (SCI-Expanded)
- II. High-Performance Ag-Doped Na<sub>0.67</sub>MnO<sub>2</sub> Cathode: Operando XRD Study and Full-Cell Performance Analysis with Presodiated Anode**  
Altın S., Özgül M., Altundağ S., Altın E.  
ACS APPLIED ENERGY MATERIALS, cilt.1, sa.1, ss.1-12, 2023 (SCI-Expanded)
- III. Production of Pb-doped LiFePO<sub>4</sub> and analysis of their electrochemical performance**  
Gültek E., Altundağ S., Altın S., Altın E.

JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, cilt.34, ss.1803, 2023 (SCI-Expanded)

- IV. **Investigation of electrochemical performance of Na-ion batteries by hard carbon anodes produced by biomass of Prunus armeniaca seeds**  
Oktay Z. M., Onal Y., Depci T., Altundag S., Altin S., Yaşar S., Altin E.  
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, cilt.34, ss.1543, 2023 (SCI-Expanded)
- V. **Improved performance of the NaFePO<sub>4</sub>/Hardcarbon sodium-ion full cell**  
Altundag S., Altin S., yaşar s., Altin E.  
VACUUM, cilt.210, ss.111853, 2023 (SCI-Expanded)
- VI. **Elucidating the optimized P2 type Na<sub>0.67</sub>Mn<sub>1-x</sub>CuxO<sub>2</sub> cathode active material via operando XAS**  
Altin S., Altundağ S., Altin E., Vanpaucke D., Avci S., Ateş M. N.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.936, ss.1-9, 2023 (SCI-Expanded)
- VII. **High-performance electrodes for Li-ion cell: Heteroatom-doped porous carbon/CoS structure and investigation of their structural and electrochemical properties**  
Bugday N., ALTIN E., ALTIN S., YAŞAR S.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.46, sa.13, ss.18379-18393, 2022 (SCI-Expanded)
- VIII. **Production of Eu-doped LiFePO<sub>4</sub> by glass-ceramic technique and investigation of their thermal, structural, electrochemical performances**  
ALTIN S., Coban M., ALTUNDAĞ S., ALTIN E.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, sa.17, ss.13720-13730, 2022 (SCI-Expanded)
- IX. **Boron-doped porous carbon material derived from ZIF-11: Investigation of cotton fabric supercapacitor and Li-ion battery performances**  
Bugday N., ALTIN S., BULUT F., ALTIN E., YAŞAR S.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.46, sa.6, ss.7732-7748, 2022 (SCI-Expanded)
- X. **Investigation of structural and electrochemical performance of Ru-substituted LiFePO<sub>4</sub> cathode material: an improvement of the capacity and rate performance**  
Yolun A., ALTIN E., Altundag S., Arshad M., Abbas S. M., ALTIN S.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, sa.9, ss.6670-6680, 2022 (SCI-Expanded)
- XI. **Li<sub>1+x</sub>FePO<sub>4</sub> (x = 0 - 0.5) production from Fe<sup>3+</sup> sources by glass-ceramic technique with different carbon sources and investigation of structural, thermal and electrochemical performance**  
Altin E., Altundağ S., Gültek E., Altin S.  
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.586, ss.10-20, 2022 (SCI-Expanded)
- XII. **Improved battery performance of silicon modified Na<sub>0.67</sub>Fe<sub>0.5</sub>Mn<sub>0.5</sub>O<sub>2</sub> and its structural and electrochemical properties: An investigation of infrared thermal imaging**  
ALTIN S., Altundag E., ALTIN E., Altundag S.  
JOURNAL OF ENERGY STORAGE, cilt.41, 2021 (SCI-Expanded)
- XIII. **Magnetic Properties and Environmental Temperature Effects on Battery Performance of Na<sub>0.67</sub>Mn<sub>0.5</sub>Fe<sub>0.5</sub>O<sub>2</sub>**  
ALTIN S., BAYRİ A., ALTIN E., Oz E., YAŞAR S., Altundag S., Harfouche M., AVCI S.  
ENERGY TECHNOLOGY, cilt.9, sa.5, 2021 (SCI-Expanded)
- XIV. **Investigation of Ti-substitution effects on structural and electrochemical properties of Na(0.67)Mn(0.5)Fe(0.5)O(2) battery cells**  
ALTIN S., Altundag S., ALTIN E., Oz E., Harfouche M., BAYRİ A.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.44, sa.14, ss.11794-11806, 2020 (SCI-Expanded)
- XV. **LiNi<sub>0.8</sub>Co<sub>0.15</sub>Ti<sub>0.05</sub>O<sub>2</sub>: synthesis by solid state reaction and investigation of structural and electrochemical properties with enhanced battery performance**  
Bayri A., Gocer E., Altin E., Altundag S., Oz E., Harfouche M., Altin S., Avci S.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.31, sa.22, ss.20527-20538, 2020 (SCI-Expanded)
- XVI. **An investigation of the improvement in energy storage performance of Na(2/3)Mn(1/2)Fe(1/2)O(2) by systematic Al-substitution**

- Altin S., Altundag S., Altin E., Harfouche M., Bayri A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.31, sa.17, ss.14784-14794, 2020 (SCI-Expanded)
- XVII. **Synthesis of Na<sub>2</sub>Ti<sub>3</sub>O<sub>7</sub> nanorods by a V-assisted route and investigation of their battery performance**  
Altin S., Demirel S., Oz E., Altin E., Hetherington C., Bayri A., Avci S.  
CRYSTENGCOMM, cilt.22, sa.14, ss.2483-2490, 2020 (SCI-Expanded)
- XVIII. **Fabrication of Cr doped Na<sub>0.67</sub>Fe<sub>0.5</sub>Mn<sub>0.5</sub>O<sub>2</sub> compounds and investigation of their structural, electrical, magnetic and electrochemical properties**  
Altin E., Altundag S., Altin S., Bayri A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.30, sa.19, ss.17848-17855, 2019 (SCI-Expanded)
- XIX. **Improving of the battery performance of Dy-substituted LiCoO<sub>2</sub> and investigating the mechanism of the cells**  
ALTIN S., ALTUNDAG S., ALTIN E., BAYRI A.  
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, cilt.23, sa.10, ss.2881-2895, 2019 (SCI-Expanded)
- XX. **Investigations of the capacity fading mechanism of Na(0.44)MnO(2) via ex situ XAS and magnetization measurements**  
ALTIN S., OZ E., ALTIN E., DEMIREL S., BAYRI A., AVCI S.  
DALTON TRANSACTIONS, cilt.47, sa.47, ss.17102-17108, 2018 (SCI-Expanded)
- XXI. **Structural, magnetic, electrical, and electrochemical properties of Sr-Co-Ru-O: A hybrid-capacitor application**  
ALTIN S., BAYRI A., DEMIREL S., ÖZ E., ALTIN E., AVCI S.  
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, cilt.101, sa.10, ss.4572-4581, 2018 (SCI-Expanded)
- XXII. **Fabrication of Ca-Mn-Nb-O compounds and their structural, electrical, magnetic and thermoelectric properties**  
OZ E., DEMIREL S., ALTIN S., ALTIN E., Baglayan O., BAYRI A., AVCI S.  
MATERIALS RESEARCH EXPRESS, cilt.5, sa.3, 2018 (SCI-Expanded)
- XXIII. **Structural, magnetic, electrical and electrochemical properties of SrCo<sub>0.25</sub>, Sr<sub>9</sub>Co<sub>2</sub>Mn<sub>5</sub>O<sub>21</sub> and SrMnO<sub>3</sub> compounds**  
Demirel S., Oz E., Altin S., Bayri A., Baglayan O., Altin E., Avci S.  
CERAMICS INTERNATIONAL, cilt.43, sa.17, ss.14818-14826, 2017 (SCI-Expanded)
- XXIV. **Thermally Induced Spin State Transition in LiCoO<sub>2</sub> and Its Effects on Battery Performance**  
Oz E., Demirel S., ALTIN S., ALTIN E., BAYRI A., AVCI S.  
ELECTROCHIMICA ACTA, cilt.248, ss.449-453, 2017 (SCI-Expanded)
- XXV. **Electrochemical effects and magnetic properties of B substituted LiCoO<sub>2</sub>: Improving Li-battery performance**  
OZ E., ALTIN S., DEMIREL S., BAYRI A., ALTIN E., Baglayan O., AVCI S.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.657, ss.835-847, 2016 (SCI-Expanded)
- XXVI. **Enhancement of battery performance of LiMn<sub>2</sub>O<sub>4</sub>: correlations between electrochemical and magnetic properties**  
DEMIREL S., OZ E., ALTIN S., BAYRI A., ALTIN E., AVCI S.  
RSC ADVANCES, cilt.6, sa.49, ss.43823-43831, 2016 (SCI-Expanded)
- XXVII. **Growth mechanism and magnetic and electrochemical properties of Na<sub>0.44</sub>MnO<sub>2</sub> nanorods as cathode material for Na-ion batteries**  
DEMIREL S., OZ E., ALTIN E., ALTIN S., BAYRI A., Kaya P., Turan S., Avci S.  
MATERIALS CHARACTERIZATION, cilt.105, ss.104-112, 2015 (SCI-Expanded)
- XXVIII. **Magnetic and thermoelectric properties of B-substituted NaCoO<sub>2</sub>**  
ALTIN E., OZ E., DEMIREL S., BAYRI A.  
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.119, sa.3, ss.1187-1196, 2015 (SCI-Expanded)
- XXIX. **An enhancement ZT and spin state transition of Ca<sub>3</sub>Co<sub>4</sub>O<sub>9</sub> with Pb doping**

- DEMİREL S., ALTIN E., OZ E., ALTIN S., BAYRİ A.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.627, ss.430-437, 2015 (SCI-Expanded)
- XXX. **Thermoelectric and mechanical properties of Mg-Al-Sb alloys**  
ALTIN E., OZ E., ERDEM M., DEMİREL S., Aydogdu Y., ALTIN S.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.26, sa.2, ss.1023-1032, 2015 (SCI-Expanded)
- XXXI. **Thermal and mechanical properties of La-Al-Sb alloys**  
ALTIN E., OZ E., DEMİREL S., ERDEM M.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.25, sa.12, ss.5331-5337, 2014 (SCI-Expanded)
- XXXII. **Enhanced thermoelectric properties induced by chemical pressure in Ca<sub>3</sub>Co<sub>4</sub>O<sub>9</sub>**  
DEMİREL S., Avci S., ALTIN E., ALTIN S., YAKINCI M. C.  
CERAMICS INTERNATIONAL, cilt.40, sa.4, ss.5217-5222, 2014 (SCI-Expanded)
- XXXIII. **Vortex pinning and magnetic peak effect in Eu(Eu,Ba)(<sub>2.125</sub>)Cu<sub>3</sub>O<sub>x</sub>**  
ALTIN E., GOKHFELD D. M., DEMİREL S., OZ E., KURT F., ALTIN S., YAKINCI M. C.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.25, sa.3, ss.1466-1473, 2014 (SCI-Expanded)
- XXXIV. **MgB<sub>2</sub> thin film fabrication with excess Mg by sequential e-beam evaporation and transport properties under magnetic fields**  
ALTIN E., KURT F., ALTIN S., YAKINCI M. C., YAKINCI Z. D.  
CURRENT APPLIED PHYSICS, cilt.14, sa.3, ss.245-250, 2014 (SCI-Expanded)
- XXXV. **J(c) enhancement and flux pinning of Se substituted YBCO compound**  
YAKINCI Z. D., GOKHFELD D. M., ALTIN E., KURT F., ALTIN S., DEMİREL S., AKSAN M. A., YAKINCI M. C.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.12, ss.4790-4797, 2013 (SCI-Expanded)
- XXXVI. **Physical, electrical, transport and magnetic properties of Nd(Ba,Nd)(<sub>2.1</sub>)Cu<sub>3</sub>O<sub>7</sub>-delta system**  
ALTIN E., GOKHFELD D. M., KURT F., YAKINCI Z. D.  
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- XXXVII. **3D like vortex behavior and the thermally activated flux flow mechanism in (Hg<sub>0.8</sub>Re<sub>0.2</sub>)Ba<sub>2</sub>Ca<sub>2</sub>Cu<sub>3</sub>O<sub>x</sub> superconducting films**  
YAKINCI Z. D., ALTIN E.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.10, ss.3660-3667, 2013 (SCI-Expanded)
- XXXVIII. **Dark current and optical properties in asymmetric GaAs/AlGaAs staircase-like multi quantum well structure**  
ALTIN E., HOŞTUT M., Ergun Y.  
INFRARED PHYSICS & TECHNOLOGY, cilt.58, ss.74-79, 2013 (SCI-Expanded)
- XXXIX. **Hysteresis loops of MgB<sub>2</sub> + Co composite tapes**  
ALTIN E., GOKHFELD D. M., KOMOGORTSEV S. V., ALTIN S., YAKINCI M. C.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.4, ss.1341-1347, 2013 (SCI-Expanded)
- XL. **Barrier lowering effect and dark current characteristics in asymmetric GaAs/AlGaAs multi quantum well structure**  
ALTIN E., HOŞTUT M., Ergun Y.  
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.105, sa.4, ss.833-839, 2011 (SCI-Expanded)
- XLI. **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)
- XLII. **Effect of Bi<sub>2</sub>O<sub>3</sub> 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)
- XLIII. **The effect of Mo addition on the microstructure and J(c) properties of MgB<sub>2</sub> 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)

**XLIV. Magnetoresistance properties of Co-added MgB<sub>2</sub> 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)

## **Diğer Dergilerde Yayınlanan Makaleler**

**I. Magnetic Properties of Eu<sup>3+</sup> ions for different surroundings: An investigation of the spin-orbit coupling in the structures**

ALTIN E., BAYRI A.

chemistry research journal, cilt.4, sa.5, ss.18-22, 2019 (Hakemli Dergi)

**II. KIZILÖTESİ SENSÖRLERİN SAĞLIK ALANINDAKİ UYGULAMALARI**

ALTIN E., DEMİREL S.

inönü Üniversitesi Sağlık Hizmetleri Meslek Yüksekokulu Dergisi, cilt.5, sa.8, ss.4-19, 2016 (Hakemli Dergi)

**III. Giant Dielectric Constant and Mechanical Heat Conducting and Structural Properties of Dental Composites by adding Ca ions**

KAMALAK H., ERDEM M., ALTIN E., DEMİREL S., OZ E., ALTIN S.

Journal of Dentistry and Orofacial Surgery, 2016 (Hakemli Dergi)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

**I. New Cu-Al Based Quaternary and Quinary High Temperature Shape Memory Alloy Composition Systems**

Karaduman O., Ozkul I., Altin S., Altin E., Baglayan O., Canbay C. A.

34th International Physics Congress (IPS) of the Turkish-Physical-Society (TPS), Konacik, Türkiye, 5 - 09 Eylül 2018, cilt.2042

**II. In situ MgB<sub>2</sub> Thin Film Fabrication on Commercial Ni tapes by e beam Evaporation and their electrical performance**

ALTIN E.

Science and Application of Thin Films, Conference & Exhibition (SATF 2016), 19 - 23 Eylül 2016

**III. Effects of boron substitution on structure and morphology of NaMn<sub>2</sub>O<sub>4</sub> nanorods**

AVCI S., DEMİREL S., OZ E., ALTIN E., ALTIN S., BAYRI A.

12th Nanoscience and Nanotechnology conference, NanoTr-12, 3 - 05 Haziran 2016

**IV. Battery performance and structural properties of boron substituted Li- ion batteries**

Öz E., Demirel S., Altın E., Altın S., Özdemir M., Öner Y., Boyraz C., Avcı S.

18th International Microscopy Congress, Praha, Çek Cumhuriyeti, 7 - 12 Eylül 2014, ss.111

**V. Microstructural characterization of Na<sub>0.44</sub>MnO<sub>2</sub> nanorods as a cathode material for Na- ion batteries**

Kaya P., Demirel S., Öz E., Altın E., Altın S., Bayri A., Avcı S., Turan S.

International Microscopy Congress, Praha, Çek Cumhuriyeti, 7 - 12 Eylül 2014, ss.110

**VI. The fabrication of B substituted Na<sub>4</sub>Mn<sub>9</sub>O<sub>18</sub> nanorods and their structural properties**

Demirel S., Avcı S., Altın E., Öz E., Altın S.

NanoTR 10, İstanbul, Türkiye, 17 - 21 Haziran 2014, ss.341

**VII. Magnetic properties of Na<sub>0.44</sub>MnO<sub>2</sub> nanorods**

Demirel S., Öz E., Avcı S., Altın E., Altın S., Bayri A.

NanoTR 10, İstanbul, Türkiye, 17 - 21 Haziran 2014, ss.337

**VIII. Evaluation of average grain size and microstrain in Li Co<sub>1-x</sub>B<sub>x</sub>O<sub>2</sub> cathode materials by the Williamson- Hall method**

- Öz E., Avcı S., Demirel S., Altın E., Altın S.  
4th National Crystallographic Meeting with International Participation,, Diyarbakır, Türkiye, 17 Mayıs 2014, ss.30
- IX. **Jc enhancement and magnetic properties of Se substituted Yba<sub>2</sub>Cu<sub>3</sub>O<sub>x</sub>**  
Altın E., Altın S., Kurt F., Demirel S., Çırak Z. D., Aksan M. A., Yakıncı M. E.  
Asian Conference on Applied Superconductivity and Cryogenics, Nevşehir, Türkiye, 23 - 25 Ekim 2013, ss.166
- X. **MgB<sub>2</sub> thin film fabrication with e- beam evaporation and improvement critical current density**  
Kurt F., Altın E., Çırak Z. D., Altın S., Yakıncı M. E.  
7th Asian Conference on Applied Superconductivity and Cryogenics, Nevşehir, Türkiye, 23 Ekim 2013, ss.17
- XI. **Na<sub>0.44</sub>MnO<sub>2</sub> nanorods as a cathode material for Na- ion batteries**  
Demirel S., Öz E., Altın E., Altın S., Yakıncı M. E., Avcı S.  
NanoTr-9, Erzurum, Türkiye, 24 - 28 Haziran 2013, ss.234
- XII. **Power Law Dependences on I V of Bi 212 Whiskers at Low Magnetic fields**  
ALTIN S., AKSAN M. A., BALCI Y., ALTIN E., YAKINCI M. E.  
2 nd International Conference On Superconductivity and Magnetism Antalya, Turkey, 2010, 28 - 30 Mayıs 2010
- XIII. **Normal state electronic properties under applied magnetic fields of whiskers fabricated by Bi Ga and Sb doping**  
ALTIN S., AKSAN M. A., BALCI Y., ALTIN E., YAKINCI M. E.  
2 nd International Conference On Superconductivity and Magnetism Antalya, Turkey, 2010, 28 - 30 Mayıs 2010
- XIV. **Çökeltme Yöntemi Kullanılarak MgB<sub>2</sub> Kalın Filmlerin Hazırlanması ve Karakterizasyonu**  
YAKINCI Z. D., ALTIN E., türk n., ALTIN S., ÖZABACI M., AKSAN M. A., BALCI Y., YAKINCI M. E.  
II. Ulusal Bor Çalıştayı, Ankara, 2008, Türkiye, 20 - 22 Haziran 2008
- XV. **Dip Coating Yöntemi İle Şerit MgB<sub>2</sub> Süperiletkenlerin Eldesi ve Karakterizasyonu**  
ÖZABACI M., ALTIN S., gülşah K., YAKINCI Z. D., ALTIN E., AKSAN M. A., BALCI Y., YAKINCI M. E.  
II. Ulusal Bor Çalıştayı, Ankara, 2008, Türkiye, 13 - 15 Haziran 2008
- XVI. **Magnetoresistance properties of Co added MgB<sub>2</sub> tapes prepared by PIT method**  
ALTIN E., BALCI Y., AKSAN M. A., YAKINCI M. E.  
8th International Conference on Materials and Mechanisms of Superconductivity and High Temperature Superconductors, Dresden (Germany), 9 - 14 Temmuz 2006
- XVII. **Magnetic Properties of Mo Substituted MgB<sub>2</sub> Superconductor Tapes**  
ALTIN E., AKSAN M. A., YAKINCI M. E., ALTIN S.  
6th International Conference of The Balkan Physical Union, 6 - 08 Temmuz 2006
- XVIII. **Co Katkılı MgB<sub>2</sub> Süperiletken Sistem**  
ALTIN E., BALCI Y., AKSAN M. A., YAKINCI M. E.  
III. Ulusal Yüksek Sıcaklık Süperiletkenler Sempozyumu, BOLU, Türkiye, 20 - 22 Haziran 2005

## Desteklenen Projeler

Altın E., Aktaş A., Erdemoğlu M., Turan M. D., Bulut F., Ateş N., TÜBİTAK Projesi, Yerli Kaynaklardan Yüksek Safılıkta Elde Edilmiş Mangan(IV)Oksitten Li-İyon Bataryalarda Anot Malzemesi Olarak Kullanılmak Üzere Üretilen MgO/MnO<sub>2</sub> Yapılarının Araştırılması, 2024 - 2026

ALTIN S., ALTIN E., Yükseköğretim Kurumları Destekli Proje, İyon Değişim Yöntemi İle NaFePO<sub>4</sub> üretimi ve elektrokimyasal özelliklerinin araştırılması, 2021 - 2022

BAYRİ A., BULUT F., ALTIN S., ALTIN E., ADIGÜZEL H. İ., Yükseköğretim Kurumları Destekli Proje, Na-iyon piller için demir-krom içeren elektrot geliştirilmesi, 2018 - 2019

ALTIN S., ÖNAL Y., DEMİREL S., BAYRİ A., YAŞAR S., ALTIN E., BULUT F., Yükseköğretim Kurumları Destekli Proje, Şarj edilebilir mini/mikro-pil üretimi ve elektrokimyasal performanslarının belirlenmesi, 2017 - 2019

ALTIN E., Yükseköğretim Kurumları Destekli Proje, YENİDEN DOLDURULABİLİR Na-PİLLERDE YENİ ANOT MALZEMELERİNİN ARAŞTIRILMASI, 2016 - 2017

ALTIN E., Yükseköğretim Kurumları Destekli Proje, Mg BAZLI ALAŞIMLARDA KİMYASAL BASINÇ DEĞİŞİMİNİN TERMOELEKTRİK VE MEKANİK ÖZELLİKLERE ETKİSİNİN ARAŞTIRILMASI, 2015 - 2016

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H-İndeks (Scopus): 7

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