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Education Information

Doctorate, Anadolu University, Institute Of Science, Fizik, Turkey 2005 - 2011

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2003 - 2005

Undergraduate, Inonu University, Fen Edebiyat Fakültesi, Fizik, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2023 - Continues

Associate Professor, Inonu University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2022 - 2023

Associate Professor, Inonu University, Rektörlük, Fizik, 2017 - 2022

Research Assistant, Anadolu University, Faculty Of Science, Fizik, 2005 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Production of V-Doped P2-type Na_{0.67}Mn_{0.5}Fe_{0.43}Al_{0.07}O₂ Cathodes and Investigation of Na-Ion Full Cells Performance**
Altın S., Doğan E., Altundağ S., Altın E.
ENERGY TECHNOLOGY, no.1, pp.1-14, 2023 (SCI-Expanded)
- II. **High-Performance Ag-Doped Na_{0.67}MnO₂ Cathode: Operando XRD Study and Full-Cell Performance Analysis with Presodiated Anode**
Altın S., Özgül M., Altundağ S., Altın E.
ACS APPLIED ENERGY MATERIALS, vol.1, no.1, pp.1-12, 2023 (SCI-Expanded)
- III. **Production of Pb-doped LiFePO₄ and analysis of their electrochemical performance**
Gültek E., Altundağ S., Altın S., Altın E.

JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, pp.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, vol.34, pp.1543, 2023 (SCI-Expanded)
- V. **Improved performance of the NaFePO₄/Hardcarbon sodium-ion full cell**
Altundag S., Altin S., yaşar s., Altin E.
VACUUM, vol.210, pp.111853, 2023 (SCI-Expanded)
- VI. **Elucidating the optimized P2 type Na_{0.67}Mn_{1-x}Cu_xO₂ cathode active material via operando XAS**
Altin S., Altundağ S., Altin E., Vanpaucke D., Avci S., Ateş M. N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.936, pp.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, vol.46, no.13, pp.18379-18393, 2022 (SCI-Expanded)
- VIII. **Production of Eu-doped LiFePO₄ 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, vol.33, no.17, pp.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, vol.46, no.6, pp.7732-7748, 2022 (SCI-Expanded)
- X. **Investigation of structural and electrochemical performance of Ru-substituted LiFePO₄ 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, vol.33, no.9, pp.6670-6680, 2022 (SCI-Expanded)
- XI. **Li_{1+x}FePO₄ (x = 0 - 0.5) production from Fe³⁺ 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, vol.586, pp.10-20, 2022 (SCI-Expanded)
- XII. **Improved battery performance of silicon modified Na_{0.67}Fe_{0.5}Mn_{0.5}O₂ and its structural and electrochemical properties: An investigation of infrared thermal imaging**
ALTIN S., Altundag E., ALTIN E., Altundag S.
JOURNAL OF ENERGY STORAGE, vol.41, 2021 (SCI-Expanded)
- XIII. **Magnetic Properties and Environmental Temperature Effects on Battery Performance of Na_{0.67}Mn_{0.5}Fe_{0.5}O₂**
ALTIN S., BAYRİ A., ALTIN E., Oz E., YAŞAR S., Altundag S., Harfouche M., AVCI S.
ENERGY TECHNOLOGY, vol.9, no.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}O₂ battery cells**
ALTIN S., Altundag S., ALTIN E., Oz E., Harfouche M., BAYRİ A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.44, no.14, pp.11794-11806, 2020 (SCI-Expanded)
- XV. **LiNi_{0.8}Co_{0.15}Ti_{0.05}O₂: 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, vol.31, no.22, pp.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, vol.31, no.17, pp.14784-14794, 2020 (SCI-Expanded)

- XVII. **Synthesis of Na₂Ti₃O₇ 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, vol.22, no.14, pp.2483-2490, 2020 (SCI-Expanded)
- XVIII. **Fabrication of Cr doped Na_{0.67}Fe_{0.5}Mn_{0.5}O₂ 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, vol.30, no.19, pp.17848-17855, 2019 (SCI-Expanded)
- XIX. **Improving of the battery performance of Dy-substituted LiCoO₂ and investigating the mechanism of the cells**
ALTIN S., ALTUNDAG S., ALTIN E., BAYRI A.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.23, no.10, pp.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, vol.47, no.47, pp.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, vol.101, no.10, pp.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, vol.5, no.3, 2018 (SCI-Expanded)
- XXIII. **Structural, magnetic, electrical and electrochemical properties of SrCo_{0.25}, Sr₉Co₂Mn₅O₂₁ and SrMnO₃ compounds**
Demirel S., Oz E., Altin S., Bayri A., Baglayan O., Altin E., Avci S.
CERAMICS INTERNATIONAL, vol.43, no.17, pp.14818-14826, 2017 (SCI-Expanded)
- XXIV. **Thermally Induced Spin State Transition in LiCoO₂ and Its Effects on Battery Performance**
Oz E., Demirel S., ALTIN S., ALTIN E., BAYRI A., AVCI S.
ELECTROCHIMICA ACTA, vol.248, pp.449-453, 2017 (SCI-Expanded)
- XXV. **Electrochemical effects and magnetic properties of B substituted LiCoO₂: Improving Li-battery performance**
OZ E., ALTIN S., DEMIREL S., BAYRI A., ALTIN E., Baglayan O., AVCI S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.657, pp.835-847, 2016 (SCI-Expanded)
- XXVI. **Enhancement of battery performance of LiMn₂O₄: correlations between electrochemical and magnetic properties**
DEMIREL S., OZ E., ALTIN S., BAYRI A., ALTIN E., AVCI S.
RSC ADVANCES, vol.6, no.49, pp.43823-43831, 2016 (SCI-Expanded)
- XXVII. **Growth mechanism and magnetic and electrochemical properties of Na_{0.44}MnO₂ 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, vol.105, pp.104-112, 2015 (SCI-Expanded)
- XXVIII. **Magnetic and thermoelectric properties of B-substituted NaCoO₂**
ALTIN E., OZ E., DEMIREL S., BAYRI A.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.119, no.3, pp.1187-1196, 2015 (SCI-Expanded)

- XXIX. **An enhancement ZT and spin state transition of Ca₃Co₄O₉ with Pb doping**
DEMİREL S., ALTIN E., OZ E., ALTIN S., BAYRİ A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.627, pp.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, vol.26, no.2, pp.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, vol.25, no.12, pp.5331-5337, 2014 (SCI-Expanded)
- XXXII. **Enhanced thermoelectric properties induced by chemical pressure in Ca₃Co₄O₉**
DEMİREL S., Avci S., ALTIN E., ALTIN S., YAKINCI M. C.
CERAMICS INTERNATIONAL, vol.40, no.4, pp.5217-5222, 2014 (SCI-Expanded)
- XXXIII. **Vortex pinning and magnetic peak effect in Eu(Eu,Ba)(_{2.125})Cu₃O_x**
ALTIN E., GOKHFELD D. M., DEMİREL S., OZ E., KURT F., ALTIN S., YAKINCI M. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, no.3, pp.1466-1473, 2014 (SCI-Expanded)
- XXXIV. **MgB₂ 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, vol.14, no.3, pp.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, vol.24, no.12, pp.4790-4797, 2013 (SCI-Expanded)
- XXXVI. **Physical, electrical, transport and magnetic properties of Nd(Ba,Nd)(_{2.1})Cu₃O₇-delta system**
ALTIN E., GOKHFELD D. M., KURT F., YAKINCI Z. D.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, no.12, pp.5075-5084, 2013 (SCI-Expanded)
- XXXVII. **3D like vortex behavior and the thermally activated flux flow mechanism in (Hg_{0.8}Re_{0.2})Ba₂Ca₂Cu₃O_x superconducting films**
YAKINCI Z. D., ALTIN E.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, no.10, pp.3660-3667, 2013 (SCI-Expanded)
- XXXVIII. **Dark current and optical properties in asymmetric GaAs/AlGaAs staircase-like multiquantum well structure**
ALTIN E., HOŞTUT M., Ergun Y.
INFRARED PHYSICS & TECHNOLOGY, vol.58, pp.74-79, 2013 (SCI-Expanded)
- XXXIX. **Hysteresis loops of MgB₂ + Co composite tapes**
ALTIN E., GOKHFELD D. M., KOMOGORTSEV S. V., ALTIN S., YAKINCI M. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.24, no.4, pp.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, vol.105, no.4, pp.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, vol.24, pp.223-227, 2011 (SCI-Expanded)
- XLII. **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, vol.24, pp.331-339, 2011 (SCI-Expanded)
- XLIII. **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, vol.457, pp.42-46, 2008 (SCI-Expanded)
- XLIV. **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, vol.460, pp.610-611, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Magnetic Properties of Eu³⁺ ions for different surroundings: An investigation of the spin-orbit coupling in the structures**
ALTIN E., BAYRI A.
chemistry research journal, vol.4, no.5, pp.18-22, 2019 (Peer-Reviewed Journal)
- II. **KIZILÖTESİ SENSÖRLERİN SAĞLIK ALANINDAKİ UYGULAMALARI**
ALTIN E., DEMİREL S.
inönü Üniversitesi Sağlık Hizmetleri Meslek Yüksekokulu Dergisi, vol.5, no.8, pp.4-19, 2016 (Peer-Reviewed Journal)
- 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 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 5 - 09 September 2018, vol.2042
- II. **In situ MgB₂ 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 September 2016
- III. **Effects of boron substitution on structure and morphology of NaMn₂O₄ nanorods**
AVCI S., DEMİREL S., OZ E., ALTIN E., ALTIN S., BAYRI A.
12th Nanoscience and Nanotechnology conference, NanoTr-12, 3 - 05 June 2016
- IV. **Battery performance and structural properties of boron substituted Li-ion batteries**
Öz E., Demirel S., Altin E., Altin S., Özdemir M., Öner Y., Boyraz C., Avci S.
18th International Microscopy Congress, Praha, Czech Republic, 7 - 12 September 2014, pp.111
- V. **Microstructural characterization of Na_{0.44}MnO₂ nanorods as a cathode material for Na-ion batteries**
Kaya P., Demirel S., Öz E., Altin E., Altin S., Bayri A., Avci S., Turan S.
International Microscopy Congress, Praha, Czech Republic, 7 - 12 September 2014, pp.110
- VI. **The fabrication of B substituted Na₄Mn₉O₁₈ nanorods and their structural properties**
Demirel S., Avci S., Altin E., Öz E., Altin S.
NanoTR 10, İstanbul, Turkey, 17 - 21 June 2014, pp.341

- VII. **Magnetic properties of Na_{0.44}MnO₂ nanorods**
Demirel S., Öz E., Avcı S., Altın E., Altın S., Bayrı A.
NanoTR 10, İstanbul, Turkey, 17 - 21 June 2014, pp.337
- VIII. **Evaluation of average grain size and microstrain in Li Co_{1-x}BxO₂ 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, Turkey, 17 May 2014, pp.30
- IX. **Jc enhancement and magnetic properties of Se substituted Yba₂Cu₃O_x**
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, Turkey, 23 - 25 October 2013, pp.166
- X. **MgB₂ 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, Turkey, 23 October 2013, pp.17
- XI. **Na_{0.44}MnO₂ 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, Turkey, 24 - 28 June 2013, pp.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 May 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 May 2010
- XIV. **Çökeltme Yöntemi Kullanılarak MgB₂ 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, Turkey, 20 - 22 June 2008
- XV. **Dip Coating Yöntemi İle Şerit MgB₂ 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, Turkey, 13 - 15 June 2008
- XVI. **Magnetoresistance properties of Co added MgB₂ 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 July 2006
- XVII. **Magnetic Properties of Mo Substituted MgB₂ Superconductor Tapes**
ALTIN E., AKSAN M. A., YAKINCI M. E., ALTIN S.
6th International Conference of The Balkan Physical Union, 6 - 08 July 2006
- XVIII. **Co Katkılı MgB₂ Süperiletken Sistem**
ALTIN E., BALCI Y., AKSAN M. A., YAKINCI M. E.
III. Ulusal Yüksek Sıcaklık Süperiletkenler Sempozyumu, BOLU, Turkey, 20 - 22 June 2005

Supported Projects

ALTIN S., ALTIN E., Project Supported by Higher Education Institutions, İyon Değişimre Yöntemi İle NaFePO₄ üretimi ve elektrokimyasal özelliklerinin araştırılması, 2021 - 2022

BAYRI A., BULUT F., ALTIN S., ALTIN E., ADIGÜZEL H. İ., Project Supported by Higher Education Institutions, Na-iyon piller için demir-krom içeren elektrot geliştirilmesi, 2018 - 2019

ALTIN S., ÖNAL Y., DEMİREL S., BAYRI A., YAŞAR S., ALTIN E., BULUT F., Project Supported by Higher Education Institutions, Şarj edilebilir mini/mikro-pil üretimi ve elektrokimyasal performanslarının belirlenmesi, 2017 - 2019

ALTIN E., Project Supported by Higher Education Institutions, YENİDEN DOLDURULABİLİR Na-PİLLERDE YENİ ANOT MALZEMELERİNİN ARAŞTIRILMASI, 2016 - 2017

ALTIN E., Project Supported by Higher Education Institutions, Mg BAZLI ALAŞIMLARDA KİMYASAL BASINÇ DEĞİŞİMİNİN TERMOELEKTRİK VE MEKANİK ÖZELLİKLERE ETKİSİNİN ARAŞTIRILMASI, 2015 - 2016

ALTIN E., TUBITAK Project, Bor Katkılı Yeni Teknoloji Na-Ion Pillerin Tasarlanması Ve Performanslarının İncelenmesi, 2012 - 2014

ALTIN E., TUBITAK Project, Merdiven Kuyulu GaAs/GaAlAs foto-algılayıcılar, 2006 - 2009

Patent

Altın S., Bayrı A., Altın E., Demirel S., Primer Tipi Sodyum Hipofosfit Pil Dizaynı, Patent, CHAPTER G Physics, The Invention Registration Number: TR 2017 22861 B , Standard Registration, 2022

Altın S., Demirel S., Bayrı A., Avcı S., Altın E., Öz E., Yüksek Kapasiteli ve Uzun ömürlü Li-yon Ve Na-yon Pil ve Bu Pillerde Kullanılan Katot Materyali Üretim Yöntemi, Patent, CHAPTER G Physics, The Invention Registration Number: TR 2015 04382 B , Standard Registration, 2019

Scientific Refereeing

CHEMICAL ENGINEERING JOURNAL, SCI Journal, January 2022

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, November 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, September 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, June 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, March 2020

Metrics

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Awards

ALTIN E., 2003 Yılı İnönü Üniversitesi Fen Edebiyat Fakültesi Fizik Bölümü Birinciliği, İnönü Üniversitesi, June 2003