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### Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 1998 - 2005

Yüksek Lisans, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 1996 - 1998

Lisans, Gaziantep Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği, Türkiye 1991 - 1995

### Yaptığı Tezler

Doktora, BSCCO Süperiletkenlerine Yapılan Katkıların Yapısal ve Fiziksel Özelliklere Etkisi, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Bölümü, 2005

Yüksek Lisans, Yüksek Sıcaklık Süperiletkenlerinin Fiziksel Özelliklerinin Teorisi, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Bölümü, 1998

### Araştırma Alanları

Fizik, Yoğun Madde 1:Yapısal, Mekanik ve Termal Özellikler , Katı ve sıvı yapılar, kristalografi, 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, Manyetik özellikler ve malzemeler, Süperiletkenlik, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2022 - Devam Ediyor

Doç. Dr., Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2013 - Devam Ediyor

Yrd. Doç. Dr., Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2009 - 2013

Öğretim Görevlisi Dr., Çukurova Üniversitesi, Adana Meslek Yüksek Okulu, Adana Meslek Yüksekokulu, 2006 - 2009

Araştırma Görevlisi, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 1998 - 2005

## Akademik İdari Deneyim

Uygulama ve Araştırma Merkezi Müdürü, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2021 - Devam Ediyor  
Bölüm Başkan Yardımcısı, Çukurova Üniversitesi, 2016 - 2022  
Uygulama ve Araştırma Merkezi Müdür Yardımcısı, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2016 - 2021  
Çukurova Üniversitesi, İletişim Fakültesi, Radyo Televizyon Sinema, 2012 - 2014  
Çukurova Üniversitesi, İletişim Fakültesi, 2009 - 2013  
Çukurova Üniversitesi, Adana Meslek Yüksek Okulu, Teknik Programlar, 2009 - 2010

## Verdiği Dersler

Superconductors and Their Applications, Yüksek Lisans, 2018 - 2019  
Material Science II, Lisans, 2018 - 2019  
Physical Principles of Magnetism, Yüksek Lisans, 2018 - 2019  
Current Topics in Solid State Physics I, Doktora, 2019 - 2020  
Fizik I, Lisans, 2019 - 2020  
Condensed Matter Physics I, Yüksek Lisans, 2019 - 2020  
Magnetic Properties of Magnetic Alloys, Yüksek Lisans, 2019 - 2020  
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## Yönetilen Tezler

Ekicibil A., Ekşi A. K., Investigation of physical and mechanical properties of 316L and 410 stainless steels manufactured by powder metallurgy method, Doktora, A.NUR(Öğrenci), 2019  
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EKİCİBİL A., Ni<sub>1-x</sub>B<sub>x</sub>/NiO Çekirdek/Kabuk Manyetik Nano-Parçacıkların (MNP) Fiziksel Özelliklerinin Araştırılması, Yüksek Lisans, İ.Adanur(Öğrenci), 2017  
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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Optical properties of NiO films: Effect of nitrogen-doping, substrate temperature and band gap estimation using machine learning**  
KAYA D., Hopoğlu H., Çelik A., Akyol M., KARADAĞ F., ŞENADIM TÜZEMEN E., EKİCİBİL A.  
Materials Science and Engineering: B, cilt.307, 2024 (SCI-Expanded)
- II. **Study of magnetocaloric properties of small Bi-doped Pr<sub>0.55</sub>Ca<sub>0.05</sub>Ba<sub>0.40</sub>Mn<sub>1-x</sub>BixO<sub>3</sub> manganites**  
Akça G., Kılıç Çetin S., Ekicibil A.  
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- III. **Enhanced photocatalytic activity in AgCu-decorated ZnO nanoparticles under UV and sunlight**  
Noua A. E., KAYA D., SİĞIRCIK G., TÜKEN T., KARADAĞ F., EKİCİBİL A.  
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- IV. **Enhancement of magnetocaloric effect by partial substitution of Bi in La<sub>0.60</sub>Dy<sub>0.10</sub>Sr<sub>0.30</sub>Mn(1-x)BixO<sub>3</sub> manganites (x = 0, 0.01, 0.03, and 0.10)**  
KURT M. Z., KILIÇ ÇETİN S., Kandemir A., AKÇA G., KARADAĞ F., EKİCİBİL A.  
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- V. **Bifunctional bimetallic PtNi, PtCu, and NiCu nanoparticles: Electrocatalytic activities for hydrogen evolution reaction and magnetic properties**  
Baldan Işık I., Kaya D., Işık H. H., Ekicibil A., Karadağ F.  
Materials Science and Engineering: B, cilt.300, ss.117081, 2024 (SCI-Expanded)
- VI. **Effect of Ag-doping process into the yttrium iron garnet (Y<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub>) thin films on the structural, magnetic and optical properties**  
Demiryürek N., Akyol M., KARADAĞ F., EKİCİBİL A.  
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- VII. **One-pot synthesis of multifunctional ternary PtCuNi alloys: Magnetic properties and efficient hydrogen evolution reaction in alkaline media**  
Baldan Işık I., Kaya D., Ekicibil A., Karadağ F.  
ELECTROCHIMICA ACTA, cilt.477, ss.143794, 2024 (SCI-Expanded)
- VIII. **Electronic and magnetic properties of boron substituted CuFeO<sub>2</sub> delafossite oxide**  
Ezircan A., Aslan M. S., Miyazaki H., Akyol M., Ozkendir O. M., EKİCİBİL A., Öztürk H.  
Philosophical Magazine, 2024 (SCI-Expanded)
- IX. **Comprehensive investigation of Ni-rich PtNi alloy nanoparticles: structural, magnetic, and catalytic properties for efficient alkaline water electrolysis**  
Noua A. E., KAYA D., KARADAĞ F., EKİCİBİL A.  
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- X. **Highly active bimetallic Pt-Cu nanoparticles for the electrocatalysis of hydrogen evolution reactions: Experimental and theoretical insight**  
KAYA D., Demiroğlu I., Isik I., Isik H., Çetin S., Sevik C., EKİCİBİL A., KARADAĞ F.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.48, sa.95, ss.37209-37223, 2023 (SCI-Expanded)
- XI. **Magnetocaloric effect in PrGd<sub>1-x</sub>BaxMn<sub>2</sub>O<sub>6</sub> (0.0 ≤ x ≤ 1.0) double perovskite manganite system**  
Akça G., Kandemir A., Ayaş A. O., Kılıç Çetin S., Akyol M., Ekicibil A.  
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- XII. **Investigating the optical, electronic, magnetic properties and DFT of NiO films prepared using RF sputtering with various argon pressures**  
Hopoglu H., KAYA D., Maslov M., Kaya S., Demir L., Altuntas I., Ungan F., AKYOL M., EKİCİBİL A., Tüzemen E.  
PHYSICA B-CONDENSED MATTER, cilt.661, 2023 (SCI-Expanded)
- XIII. **A comparative study of magnetic, and magnetocaloric properties of different transition metal-doped La<sub>0.67</sub>Sr<sub>0.33</sub>AO<sub>3</sub> (A: Mn, Co, Cr, and Fe) samples**  
Coşkun A. T., Ak Y. S., Güleç N., Akça G., Kılıç Çetin S., Ekicibil A., Coşkun A.  
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- XIV. **Preparation of TiO<sub>2</sub>/VO<sub>x</sub>, TiO<sub>2</sub>/SiO<sub>2</sub>, and VO<sub>x</sub>/SiO<sub>2</sub> nanostructures by hydrothermal methods and determination of their magnetic properties**  
Mohammad Hasham M. T., Ay B., Kaya D., Yıldız E., Ekicibil A.

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- XV. **Pressure effect on the structural, magnetic and thermophysical properties of X12Cr13 martensitic stainless steel prepared by powder metallurgy method**  
Acar A. N., Kaya D., Ekşi A. K., Ekicibil A.  
MATERIALS TODAY COMMUNICATIONS, cilt.33, ss.104924-104935, 2022 (SCI-Expanded)
- XVI. **Synthesis and characterization of bifunctional Ru doped La-based perovskites for magnetic refrigeration and energy storage systems**  
Kılıç Çetin S., Akça G., Kaya D., Ayaş A. O., Ekicibil A.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.1, ss.1-11, 2022 (SCI-Expanded)
- XVII. **Investigation of structural and magnetic characteristic of pure and M-doped (M: Fe and Cu) MoS<sub>2</sub> thin films**  
Kivrak B., Akyol M., EKİCİBİL A.  
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- XVIII. **Impact of Li concentration in KMgF<sub>3</sub>:Eu,Yb fluoroperovskite on structure and luminescence properties**  
Güçkan V., Kaya D., Altunal V., Ekicibil A., Karadağ F., Özdemir A., Yeğingil Z.  
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- XIX. **The investigation of the effect of K doping on the structural, magnetic, and magnetocaloric properties of La<sub>1.4-x</sub>K<sub>x</sub>Ca<sub>1.6</sub>Mn<sub>2</sub>O<sub>7</sub> (0.0 ≤ x ≤ 0.4) double perovskite manganite**  
Coskun A. T., KILIÇ ÇETİN S., EKİCİBİL A.  
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- XX. **Investigation of the effect of sintering temperature on structural, magnetic and magnetocaloric properties in PrCaMn<sub>2</sub>O<sub>6</sub> double perovskite manganite system**  
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- XXI. **Energy storage performance of LiV<sub>3</sub>O<sub>8</sub>/water-in-salt electrolyte/LiNi<sub>1/3</sub>Co<sub>1/3</sub>Mn<sub>1/3</sub>O<sub>2</sub> cell for aqueous lithium-ion batteries**  
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- XXIII. **Effect of Gd-doping in Ni/NiO core/shell magnetic nanoparticles (MNPs) on structural, magnetic, and hydrogen evolution reaction**  
Adanur I., Karazehir T., DOĞRU MERT B., Akyol M., EKİCİBİL A.  
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- XXIV. **Magnetically separable low Pt substituted Co nanoparticles: Investigation of structural, magnetic, and catalytic properties**  
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- XXV. **Effect of Sintering Time on the Crystallisation, Morphology, Structure, Electric, Magnetic and Magnetocaloric Properties of La<sub>0.80</sub>Ag<sub>0.20</sub>MnO<sub>3</sub>**  
Tokkaya A., Kılıç Çetin S., Altan B., Coşkun A., Taşarkuyu E., Ekicibil A.  
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- XXVI. **Synthesis and characterization of nanoparticles reinforced epoxy based advanced radar absorbing composites**  
Tumen K. U., Kivrak B., Alkurt F. O., Akyol M., Karaaslan M., EKİCİBİL A.  
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- XXVII. **Detailed investigation of structural and magnetic properties of multiphase binary Pd-Co alloys prepared by modified polyol process**  
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- XXVIII. **A systematic study on luminescence characterization of lanthanide-doped BeO ceramic dosimeters**  
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- XXIX. **Structural, electrical, dielectric properties and complex impedance analysis of  $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-x}\text{AxO}_3$  perovskites (A=Cr and Ti)**  
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- XXX. **Investigation of optical, electronic, and magnetic properties of p-type NiO thin film on different substrates**  
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- XXXI. **The effect of Ni-substitution with Mn on electrical, magnetic and magnetocaloric properties in  $\text{Pr}_{0.67}\text{Ba}_{0.22}\text{Sr}_{0.11}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$  manganites**  
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- XXXII. **YBCO superconductor added with one-dimensional TiO<sub>2</sub> nanostructures: Frequency dependencies of AC susceptibility, FC-ZFC magnetization, and pseudo-gap studies**  
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- XXXIII. **Effect of Ho substitution on structural, magnetic and magnetocaloric properties of  $\text{Co}(\text{CrFe})\text{O}_4$**   
Kıvrak B., Gülkesen S., Ayaş A. O., Akyol M., Ekicibil A.  
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- XXXIV. **New application area for magnetocaloric materials: Hyperthermia method**  
AYAŞ A. O., Secilmis E., EKİCİBİL A.  
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- XXXV. **A systematic study on luminescence characterization of lanthanide-doped BeO ceramic dosimeters**  
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- XXXVI. **Investigation of Magnetic Anisotropy in the Ni-Ge and Ni(NiO)-Ge Thin Films**  
KAYA D., Akyol M., Wang Y., Guo Q., KARADAĞ F., EKİCİBİL A.  
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- XXXVII. **Role of nickel doping on magnetocaloric properties of  $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$  manganites**  
Cetin S. K., AKÇA G., Aslan M. S., EKİCİBİL A.  
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- XXXVIII. **Synthesis, Structural Characterization, Electric and Dielectric Properties of  $\text{Pr}_{0.67}\text{Ba}_{0.22}\text{Sr}_{0.11}\text{Mn}_{0.925}\text{Ni}_{0.075}\text{O}_3$  Perovskite for Thermal Energy Storage**  
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- XXXIX. **Room-temperature magnetocaloric effect in Fe-substituted  $\text{CoCr}_2\text{O}_4$  spinels**  
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- XL. **The effect of the Ag addition on FeSe superconducting wire by the ex-situ PIT method**  
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- XLI. Synthesis of monodisperse CoPt nanoparticles: Structural and magnetic properties**  
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- XLII. Fe Addition Influence on the Mechanical and Thermophysical Behaviours of PM Alumix 431 Allo**  
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- XLIII. Strong magnetic coupling in MnO delta nanoparticles by doping Boron**  
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- XLIV. Effect of Ta insertion between Pt and CoFeB on interfacial magnetic anisotropy in Pt/CoFeB/MgO multilayer thin-film stack**  
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- XLV. Structural, Magnetic, and Electrical Properties of Bi(1.6)Pb(0.4)Sr(2)Ca(2)Cu(3)O(10+x)Superconductor Prepared by Different Techniques**  
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**perlite as aggregates**

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**assisted by magnetic separation**

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- XXII. **Optically Stimulated Luminescence of MgB<sub>4</sub>O<sub>7</sub> Doped with Ce<sup>3+</sup> and Gd<sup>3+</sup>**  
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- XXIII. **Luminescence Characterization of BeO:Na5%,Ce0.01%,Er0.01% Ceramic**  
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- XXIV. **Formation of p-Type NiO Thin Films on Different Substrates: Structural, Electrical, Optical, and Magnetic Properties**  
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- XXV. **Effect of Glass Powder on the Surface and Microstructural Properties of Dual Phase Steels**  
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- XXVI. **Increase in the relative cooling power of xLa<sub>0.67</sub>Ca<sub>0.27</sub>Sr<sub>0.06</sub>MnO<sub>3</sub> / (1-x)La<sub>0.7</sub>Sr<sub>0.3</sub>Mn<sub>0.94</sub>Ni<sub>0.06</sub>O<sub>3</sub> Composites (x = 0.25, 0.50 and 0.75),**  
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- XXVII. **'Structural Analysis of multifunctional Cu<sub>0.5</sub>Co<sub>0.5</sub> nanoparticles synthesised by polyol process**  
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- XXVIII. **Structural and Magnetic Properties with Magnetocaloric Effect in Pr(Gd<sub>1-x</sub>Ba<sub>x</sub>)Mn<sub>2</sub>O<sub>6</sub> Double Perovskite Manganite System**



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- XXIX. **Increase in the relative cooling power of  $x\text{La}_{0.67}\text{Ca}_{0.27}\text{Sr}_{0.06}\text{MnO}_3 / (1-x)\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.94}\text{Ni}_{0.06}\text{O}_3$  Composites ( $x = 0.25, 0.50$  and  $0.75$ )**  
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- XXX. **Structure analysis of bimetallic Pt<sub>0.5</sub>Cu<sub>0.5</sub> nanoparticle synthesized by modified polyol method**  
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- XXXI. **Structural and Electrical Properties of p-type NiO Thin Films Produced by Thermal Evaporation on Different Substrates**  
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- XXXII. **Thermophysical Behaviors of Alumix (431)–Fe Alloy Mixtures Prepared by Powder Metallurgy Method**  
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- XXXIII. **Specific Heat Capacity Behaviours of P/M Distaloy AE Alloy Compacts**  
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- XXXIV. **The Synthesis of Polyvinylpyrrolidone(PVP)-Assisted Ni Magnetic Nanoparticles(MNPs)**  
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- XXXV. **Controlling Physical and Magnetic Properties of CoPt Nanoparticles**  
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- XXXVI. **Corrosion Properties Of Distaloy AE Alloys Prepared By P M Method In 1M KOH Solution**  
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- XXXVII. **Structural and Physical Properties of Sintered Distaloy AE Alloy Compacts**  
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- XXXVIII. **Investigation of Structural and Morphological Properties of UltrafineNi/B<sub>2</sub>O<sub>3</sub> Core/Shell Magnetic Nanoparticles (MNPs)**  
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- XXXIX. **Structural and Optical Properties of ZnO Grown By Spin CoatingMethod Using Different Substrates**  
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- XL. **Magnetocaloric properties of  $x\text{La}_{0.7}\text{Ca}_{0.2}\text{Sr}_{0.1}\text{MnO}_3 / (1-x)\text{La}_{0.7}\text{Te}_{0.3}\text{MnO}_3$  composites**  
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- XLII. **Magnetic Properties of NiGe/Au/C60 Thin Films at 5 K**  
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- XLIII. **Magnetocaloric Effect in Er-Substituted (La<sub>1-x</sub>Er<sub>x</sub>)<sub>0.67</sub>Ba<sub>0.33</sub>MnO<sub>3</sub> manganites**  
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- XLIV. **Magnetic Properties of Pt-doped Co nanoparticles at 20 K**  
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- XLV. **Determination of the Nature of Magnetic Phase Transition in Some Magnetocaloric Manganites Using Different Methods**  
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- XLVI. **Hardness, Density and Surface Properties of P/M Alumix-(431)-Fe Alloy Mixtures**  
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- XLVII. **'Magnetization and Electrical Resistivity of Al-7xxx Alloys Manufacturing by Powder Metallurgy Method**  
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- XLVIII. **Physical Properties of CoPt Magnetic Core-Shell Nanoparticles**  
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- XLIX. **The Annealing Effect on Superconductivity Properties of Fe<sub>1+d</sub>Te<sub>0.6</sub>Se<sub>0.4</sub>(d=0, 0.05) Polycrystals Deposited by Solid State Reaction Method**  
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- L. **Effect of Reducing Agent and Surfactant on Structural and Magnetic Properties of Ni Magnetic Nanoparticles (MNPs)**  
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- L. **Pressure Influence on the Thermophysical Properties of the P/M- Fe-Cr Martensitic Stainless Steels**  
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- LI. **Synthesis of FeO<sub>y</sub> Magnetic Nanoparticles (MNP) for Biomedical Applications**  
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- LII. **Synthezing and Characterization of MnO Nanoparticles (NPs)**  
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- LIII. **Structural, magnetic and magnetocaloric properties of La<sub>0.7</sub>Ca<sub>0.2</sub>Sr<sub>0.1</sub>MnO<sub>3</sub> manganite**  
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- LIV. **Evaluation of the Impact Toughnesses of the P/M-X12Cr13 Martensitic Stainless Steels**  
ACAR A. N., EKŞİ A. K., EKİCİBİL A.  
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- LV. **Synthesizing and Characterization of MnO Nanoparticles**  
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- LVI. **Investigation of Magnetic Properties of Zamak-2 Alloy Prepared by Powder Metallurgy**  
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- LVII. **Structural, magnetic and magnetocaloric properties of (La<sub>0.8</sub>Pr<sub>0.2</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> manganite compound**  
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- LVIII. **Magnetic and Magnetocaloric Properties of Er-doped (La<sub>0.9</sub>Er<sub>0.1</sub>)<sub>0.67</sub>Pb<sub>0.33</sub>MnO<sub>3</sub> Perovskite**  
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- LIX. **On the View of the Impact Toughness of P/M- X2CrNiMo17-12-2 Austenitic Stainless Steels?**  
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- LX. **Magnetic and Magnetocaloric Properties of La<sub>0.7</sub>Ca<sub>0.2</sub>Sr<sub>0.1</sub>MnO<sub>3</sub> Manganite**  
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- LXI. **Corrosion Properties Of Austenitic And Martensitic Stainless Steels Produced By Powder Metallurgy**  
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- LXII. **YIG Film Grown on Quartz by Spin-Coating**  
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- LXIII. **Effect of Deposition Pressure and Power on the Perpendicular Magnetic Anisotropy in Hf/CoFeB/MgO Multilayer Structure**  
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- LXIV. **MAGNETIC AND MAGNETOCALORIC PROPERTIES OF LA<sub>0.7</sub>TE<sub>0.3</sub>MNO<sub>3</sub> MANGANITE COMPOUND**  
KILIÇ ÇETİN S., AKÇA G., AYAS A. O., AKYOL M., EKİCİBİL A.  
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- LXV. **On the View of the Thermo-Physical Properties of X2CrNiMo17-12-2 Austenitic Stainless Steels Prepared by P/M Method**

ACAR A. N., EKŞİ A. K., EKİCİBİL A.

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**LXVI. Magnetic Properties of Perovskite (La<sub>0.9</sub>Dy<sub>0.1</sub>)<sub>0.85</sub>Ag<sub>0.15</sub>MnO<sub>3</sub> Compound**

Ayaş A. O., Akyol M., Kılıç Çetin S., Akça G., Ekicibil A.

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**LXVII. Electrodeposition of FeSe Superconducting Thin Films**

Farisoğulları D., Demura S., Yamashita A., Hara H., Matsumoto R., Adacı S., Takeya H., Ekicibil A., Karadağ F., Takano Y.

MANA International Symposium 2018, Tsukuba, Japonya, 5 - 07 Mart 2018, ss.1

**LXVIII. Determination of the dimensions of iron oxide nanowires by hydrothermal method**

YILDIRIM S., SAVAŞ PEKDUR Ö., EKİCİBİL A., AKKURT M.

8th International Conference of Strategic Research on Scientific Studies and Education 2018, Vienna, Avusturya, 11 - 13 Mayıs 2018

**LXIX. On the Study of the Structural Properties of Fe-Cr Martensitic Stainless Steels Prepared by Powder Metallurgy Method**

ACAR A. N., EKŞİ A. K., EKİCİBİL A.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017, ss.1

**LXX. Magnetocaloric Effect in CoCr<sub>2</sub>O<sub>4</sub> Spinel Nanoparticles**

AKYOL M., ADANUR İ., AYAŞ A. O., EKİCİBİL A.

2nd International Mediterranean Science and Engineering Congress, Adana, Türkiye, 25 - 27 Ekim 2017

**LXXI. Magnetic and magnetocaloric properties of (La<sub>0.9</sub>RE<sub>0.1</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> (RE: Pr, Sm and Er) manganites**

AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017, ss.1

**LXXII. Structural Investigation of (La<sub>0.8</sub>Gd<sub>0.2</sub>)<sub>0.85</sub>Ag<sub>0.15</sub>MnO<sub>3</sub> Compound**

AYAS A. O., AKYOL M., EKİCİBİL A.

8th International Advanced Technologies Symposium, Elazığ, Türkiye, 19 - 22 Ekim 2017, ss.1

**LXXIII. Investigation of Structural and Magnetic Properties of Ni/NiO Core/Shell Magnetic Nanoparticles (MNPs)**

Adanur İ., AKYOL M., EKİCİBİL A.

International Conference on Condensed Matter and Materials Science, 11 - 15 Ekim 2017

**LXXIV. Synthesizing and Characterization of Ni<sub>1-x</sub>B<sub>x</sub>/NiO<sub>y</sub> (x=0.0 and 0.05) Core/Shell Magnetic Nanoparticles (MNP)**

AKYOL M., ADANUR İ., EKİCİBİL A.

International Conference on Condensed Matter and Materials Science, Adana, Türkiye, 11 - 15 Ekim 2017

**LXXV. Synthesizing and Characterization of Ni<sub>1-x</sub>B<sub>x</sub>/NiO<sub>y</sub> (x=0.0 and 0.05) Core/Shell Magnetic Nanoparticles (MNPs)**

AKYOL M., Adanur İ., EKİCİBİL A.

International Conference on Condensed Matter and Materials science, 11 - 15 Ekim 2017

**LXXVI. On the Structural Properties of Martensitic and Austenitic Stainless Steels Prepared by Powder Metallurgy**

ACAR A. N., EKŞİ A. K., EKİCİBİL A.

2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Türkiye, 11 - 13 Ekim 2017, ss.750

**LXXVII. Magnetic and Magnetocaloric Properties of (La<sub>0.8</sub>Gd<sub>0.2</sub>)<sub>0.85</sub>Ag<sub>0.15</sub>MnO<sub>3</sub> Compound**

AYAS A. O., AKYOL M., EKİCİBİL A.

International Conference on Condensed Matter and Material Sciences, Adana, Türkiye, 11 - 15 Ekim 2017, ss.1

- LXXVIII. **Magnetocaloric properties of (La<sub>0.9</sub>Er<sub>0.1</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> manganite**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
International Conference on Condensed Matter and Material Sciences, Adana, Türkiye, 11 - 15 Ekim 2017, ss.1
- LXXIX. **The Effect of Pressure on the Magnetic Properties of X<sub>12</sub>Cr<sub>13</sub> Martensitic Stainless Steels Prepared by Powder Metallurgy Method**  
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International Conference on Condensed Matter and Material Sciences (ICMMS2017), Adana, Türkiye, 11 - 15 Ekim 2017, ss.85
- LXXX. **Effect of Boron on Structural and Magnetic Properties in Co(Cr<sub>1-x</sub>B<sub>x</sub>)<sub>2</sub>O<sub>4</sub> (x=0.0, 0.1) Multiferroic Spinel Nanoparticles**  
Adanur İ., AKYOL M., EKİCİBİL A.  
4th International Conference On Materials Science and Nanotechnology For Next Generation, 28 - 30 Haziran 2017
- LXXXI. **Structural, Optical and Magnetic Properties of Co (5): CdZnS Nanoparticles**  
HOROZ S., AKYOL M., EKİCİBİL A., ŞAHİN Ö.  
4th International Conference On Materials Science and Nanotechnology For Next Generation, 28 - 30 Haziran 2017
- LXXXII. **Core/Shell Magnetic Nanoparticles (MNP) for Biosensors and Biomedical Applications**  
CANDEMİR M., AKYOL M., EKİCİBİL A., GÜLDESTE A.  
4th International Conference On Materials Science and Nanotechnology for Next Generation, Sarajevo, Bosna-Hersek, 28 - 30 Haziran 2017
- LXXXIII. **Influence of La Substitution on Structural, Magnetic and Magnetocaloric Properties in (La<sub>0.3</sub>Pr<sub>0.7</sub>)<sub>0.85</sub>Ag<sub>0.15</sub>MnO<sub>3</sub> Manganite Sample**  
AYAS A. O., AKYOL M., EKİCİBİL A.  
4th International Conference On Materials Science and Nanotechnology for Next Generation (Msng2017), Sarajevo, Bosna-Hersek, 28 - 30 Haziran 2017, ss.1
- LXXXIV. **Investigating of Structural Properties of 316L Austenitic Stainless Steels Manufactured by P/M Method**  
ACAR A. N., EKŞİ A. K., EKİCİBİL A.  
4th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2017), Saraybosna, Bosna-Hersek, 28 - 30 Haziran 2017, ss.276
- LXXXV. **Effect of Boron on structural and magnetic properties in Co(CR<sub>1-x</sub>B<sub>x</sub>)<sub>2</sub>O<sub>4</sub> (x=0.0,0.1) Multiferroic Spinel Nanoparticles**  
ADANUR İ., AKYOL M., EKİCİBİL A.  
4th International Conference On Materials Science and Nanotechnology for Next Generation, Sarajevo, Bosna-Hersek, 28 - 30 Haziran 2017
- LXXXVI. **The Magnetic Properties of X<sub>2</sub>CrNiMo<sub>17-12-2</sub> Austenitic Stainless Steels Produced by P/M Method**  
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4th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2017), Saraybosna, Bosna-Hersek, 28 - 30 Haziran 2017, ss.268
- LXXXVII. **Pr<sub>1.75</sub>Sr<sub>1.25</sub>Mn<sub>2</sub>O<sub>7</sub> Double-Layered Perovskite Manganite System: Structural, Magnetic and Magnetocaloric Properties**  
AYAS A. O., AKYOL M., CETIN S. K., KAYA M., DINÇER İ., EKİCİBİL A., ELERMAN Y.  
4th International Conference On Materials Science and Nanotechnology for Next Generation (Msng2017), Sarajevo, Bosna-Hersek, 28 - 30 Haziran 2017, ss.1
- LXXXVIII. **Hydrothermal Synthesis of Zeolite Na-P1 from Sugözü Thermic Power Plant Fly Ashes**  
TOP S., EKİCİBİL A., VAPUR H.  
4th International conference on materials science and nanotechnology for next generation (MSNG2017), Sarajevo, Bosna-Hersek, 27 - 29 Haziran 2017, ss.119
- LXXXIX. **Effect of Basaltic Pumice Aggregate Addition on the Strength of Fly Ash Based Lightweight Geopolymer Concrete**  
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Bosna-Hersek, 27 - 29 Haziran 2017, ss.29

- XC. Study of Exchange Bias Effect in CoCr<sub>2</sub>O<sub>4</sub> Multiferroic Spinel Nanoparticles**  
AKYOL M., Adanur İ., AYAS A. O., EKİCİBİL A.  
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, Antalya, Türkiye, 18 - 21 Nisan 2017, ss.1
- XCI. Structural, Magnetic and Magnetocaloric Properties of (La<sub>0.7</sub>Pr<sub>0.3</sub>)<sub>0.85</sub>M<sub>0.15</sub>MnO<sub>3</sub> (M= K and Ag) Perovskites**  
AKÇA G., AYAS A. O., CETİN S. K., EKİCİBİL A.  
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- XCII. Effect of Boron Doping on the Structure and Magnetic Property of Co(Fe<sub>1-x</sub>B<sub>x</sub>)<sub>2</sub>O<sub>4</sub> (x=0.0 and 0.15) Multiferroic Spinel Nanoparticles**  
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ÖZÇELİK B., EKİCİBİL A., KARADAĞ F., Yükseköğretim Kurumları Destekli Proje, The 9th International Conference on Magnetic and Superconducting Materials MSM15, 2015 - 2015

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EKİCİBİL A., Yükseköğretim Kurumları Destekli Proje, Farklı Element Katkılı La-Tabanlı Manganit Bileşiklerin, Manyetik ve Manyetokalorik Özelliklerinin Belirlenmesi, 2013 - 2015

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EKİCİBİL A., Yükseköğretim Kurumları Destekli Proje, Gümüş Katkılı (La<sub>1-x</sub>RE<sub>x</sub>)<sub>0.85</sub>Ag<sub>0.15</sub>MnO<sub>3</sub> (RE=Pr, Er) (0.1, 0.2, 0.3) Lantanyum Manganitlerinin Manyetik ve Manyetokalorik Özelliklerinin İncelenmesi, 2012 - 2014

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## Metrikler

Yayın: 363

Atf (WoS): 985

Atf (Scopus): 1022

H-İndeks (WoS): 18

H-İndeks (Scopus): 18

## Kongre ve Sempozyum Katılımı Faaliyetleri

6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Katılımcı, Niğde, Türkiye, 2019

International Conference on Condensed Matter and Materials Science-2019 (ICMMS-19), Katılımcı, Adana, Türkiye, 2019

The International Conference of Materials and Engineering Technologies (TICMET'19), Katılımcı, Gaziantep, Türkiye, 2019

Science and Applications of Thin Films, Conference Exhibition (SATF 2018), Katılımcı, İzmir, Türkiye, 2019

TURKISH PHYSICAL SOCIETY 34TH INTERNATIONAL PHYSICS CONGRESS, Katılımcı, Muğla, Türkiye, 2019

8th International Conference of Strategic Research on Scientific Studies and Education 2018, Katılımcı, Vienna, Avusturya, 2019

4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Katılımcı, Antalya, Türkiye, 2019

Fourth International Iron and Steel Symposium (UDCS'19 Fourth International Iron and Steel Symposium, Katılımcı, Karabük, Türkiye, 2019

1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Katılımcı, Ankara, Türkiye, 2018

3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Katılımcı, Adana, Türkiye, 2018

5th International conference on materials science and advanced-nanotechnologies for next generation (MSNG2018), Katılımcı, Nevşehir, Türkiye, 2018



XVth International Corrosion Symposium (KORSEM'18), Katılımcı, Hatay, Türkiye, 2018  
International Conference on Physical Chemistry and Functional Materials (PCFM 2018), Katılımcı, Elazığ, Türkiye, 2018  
MANA International Symposium 2018, Katılımcı, Tsukuba, Japonya, 2018  
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Katılımcı, Adana, Türkiye, 2017  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), , Katılımcı, Nevşehir, Türkiye, 2017  
International Conference on Condensed Matter and Material Sciences(ICCMMS2017, Katılımcı, Adana, Türkiye, 2017  
4th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2017), Katılımcı, Sarajevo, Bosna-Hersek, 2017  
2nd International Congress on the World of Technology and Advanced Materials, Katılımcı, Antalya, Türkiye, 2017  
1st International Mediterranean Science and Engineering Congress, Katılımcı, Adana, Türkiye, 2016  
2nd International of Advanced and Functional Material Technologies (AFMAT), Katılımcı, Antalya, Türkiye, 2016  
International Energy and Engineering Conference, Katılımcı, Gaziantep, Türkiye, 2016  
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN-2016), Katılımcı, Antalya, Türkiye, 2016  
Turkish Physical Society, 32. International Physics Congress, Katılımcı, Muğla, Türkiye, 2016  
21. Yoğun madde Fiziği Ankara Toplantısı (YMF-21), Katılımcı, Ankara, Türkiye, 2015  
European Congress and Exhibition on Advanced Materials and Processes, Katılımcı, Warszawa, Polonya, 2015  
9th International Conference on Magnetic and Superconducting Materials (MSM15, Katılımcı, Antalya, Türkiye, 2015  
JÜLICH, JCNS - Juelich Centre for Neutron Science Center, Katılımcı, Münih, Almanya, 2013  
7th Asian Conference on Applied Superconductivity and Cryogenics, Katılımcı, Nevşehir, Türkiye, 2013  
Joint European Magnetic Symposia, Katılımcı, Rhodes, Yunanistan, 2013  
JEMS2012, Katılımcı, Parma, İtalya, 2012  
International Conference on Superconductivity and Magnetism-ICSM, Katılımcı, İstanbul, Türkiye, 2012  
ISW on Condensed Matter and Materials Physics, Katılımcı, Antalya, Türkiye, 2011  
28. International Physics Congress, Katılımcı, Bodrum, Türkiye, 2011  
The MAR11 Meeting of The American Physical Society, Katılımcı, Texas, Amerika Birleşik Devletleri, 2011  
27. International Physics Congress, Katılımcı, İstanbul, Türkiye, 2010  
Turkish Physical Society, 26. International Physics Congress, Katılımcı, Bodrum, Türkiye, 2009  
PCAM - Physics and Chemistry of Advanced Materials, Katılımcı, Milano, İtalya, 2009  
The Abdus Salam International Centre for Theoretical Physics, Katılımcı, Trieste, İtalya, 2008  
Condensed Matter Physics Conference of Balkan Countries, Katılımcı, Muğla, Türkiye, 2008  
CERN- ISOLDE, Bölüm Toplantısı, Katılımcı, Cenevre, İsviçre, 2007  
23.International Physics Congress, Katılımcı, Muğla, Türkiye, 2005  
ACA Summer Course in Small Molecule Crystallography, Katılımcı, --Seçiniz--, Amerika Birleşik Devletleri, 2002