

## Prof. AHMET EKİCİBİL

### Personal Information

Office Phone: [+90 322 338 6060](tel:+903223386060) Extension: 2495

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 2495

Fax Phone: [+90 322 338 6070](tel:+903223386070)

Email: [ahmetcan@cu.edu.tr](mailto:ahmetcan@cu.edu.tr)

Web: <https://avesis.cu.edu.tr//ahmetcan>

### International Researcher IDs

ScholarID: om5do6wAAAAJ

ORCID: 0000-0003-3071-0444

Publons / Web Of Science ResearcherID: G-2467-2019

ScopusID: 7801316371

Yoksis Researcher ID: 18409

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1998 - 2005

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1996 - 1998

Undergraduate, Gaziantep University, Faculty Of Engineering, Fizik Mühendisliği, Turkey 1991 - 1995

### Dissertations

Doctorate, BSCCO Süperiletkenlerine Yapılan Katkıların Yapısal ve Fiziksel Özelliklere Etkisi, Cukurova University, Fen Bilimleri Enstitüsü, Fizik Bölümü, 2005

Postgraduate, Yüksek Sıcaklık Süperiletkenlerinin Fiziksel Özelliklerinin Teorisi, Cukurova University, Fen Bilimleri Enstitüsü, Fizik Bölümü, 1998

### Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Structure of Liquids and Solids; Crystallography, Thermal Properties of Condensed Matter, Surfaces, Interfaces, Thin Films and Nanosystems, 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

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2022 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2013 - Continues

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2009 - 2013

Lecturer PhD, Cukurova University, Adana Meslek Yüksek Okulu, Adana Meslek Yüksekokulu, 2006 - 2009

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 1998 - 2005

## Academic and Administrative Experience

Manager of Research and Application Center, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2021 - Continues

Deputy Head of Department, Cukurova University, 2016 - 2022

Assistant Manager of Research and Application Center, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2016 - 2021

Cukurova University, İletişim Fakültesi, Radyo Televizyon Sinema, 2012 - 2014

Cukurova University, İletişim Fakültesi, 2009 - 2013

Cukurova University, Adana Meslek Yüksek Okulu, Teknik Programlar, 2009 - 2010

## Courses

Superconductors and Their Applications, Postgraduate, 2018 - 2019

Material Science II, Undergraduate, 2018 - 2019

Physical Principles of Magnetism, Postgraduate, 2018 - 2019

Current Topics in Solid State Physics I, Doctorate, 2019 - 2020

Fizik I, Undergraduate, 2019 - 2020

Condensed Matter Physics I, Postgraduate, 2019 - 2020

Magnetic Properties of Magnetic Alloys, Postgraduate, 2019 - 2020

Current Topics in Solid State Physics II, Doctorate, 2018 - 2019

## Advising Theses

Ekicibil A., Ekşi A. K., Investigation of physical and mechanical properties of 316L and 410 stainless steels manufactured by powder metallurgy method, Doctorate, A.NUR(Student), 2019

Ekicibil A., Karadağ F., Production and characterization of FeSe-11 superconductor crystals and wires, Doctorate, D.FARİSOĞULLARI(Student), 2019

EKİCİBİL A., (La<sub>1-x</sub>RE<sub>x</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> (RE= Pr, Sm, Er) (x = 0.1, 0.2, 0.3) Manganitlerinin Manyetik ve Manyetokalorik Özelliklerin Araştırılması, Doctorate, G.Akça(Student), 2018

EKİCİBİL A., Ni<sub>1-x</sub>B<sub>x</sub>/NiO Çekirdek/Kabuk Manyetik Nano-Parçacıkların (MNP) Fiziksel Özelliklerinin Araştırılması, Postgraduate, İ.Adanur(Student), 2017

Ekicibil A., Current-driven spin-orbit-torque phenomena in perpendicularly magnetized heavy metal/ferromagnet/insulator multilayer structures, Doctorate, M.AKYOL(Student), 2016

EKİCİBİL A., La<sub>1-x</sub>(A<sub>x</sub>)MnO (A=Pr,Na,K,Ag,Sr,Ca,Li,Pb,gb.) Manganit Bileşiklerinin Karakterizasyonu ve Manyetokalorik Etkisinin Araştırılması, Doctorate, S.Kılıç(Student), 2015

EKİCİBİL A., Zn<sub>1-x</sub>Mn<sub>x</sub>O Bileşiklerinin Yapısal ve Manyetik Özelliklerinin Araştırılması, Postgraduate, K.Bulcar(Student), 2014

EKİCİBİL A., 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, Doctorate, A.Osman(Student), 2014

EKİCİBİL A., Geçiş Metali Dy Katkılı Zn<sub>0.8-4y</sub>Dy<sub>y</sub>O<sub>x</sub> Bileşiklerinin Yapısal ve Manyetik özelliklerinin Araştırılması, Postgraduate, M.Akyol(Student), 2011

EKİCİBİL A., (Li-Ho) Katkılı BPSCCO için Süperiletkenlik Özellikleri, Postgraduate, G.Akça(Student), 2010

EKİCİBİL A., Y<sub>3</sub>Ba<sub>5</sub>Cu<sub>8</sub>O<sub>18</sub> ve Y<sub>3</sub>Ba<sub>5</sub>Ca<sub>2</sub>Cu<sub>8</sub>O<sub>18</sub> Numunelerinin Yapısal Özelliklerinin İncelenmesi, Postgraduate, A.Osman(Student), 2010

EKİCİBİL A., 3d-Geçiş Metali Ni Katkılı Zn<sub>1-x</sub>Ni<sub>x</sub>O ve 4f-Lantanit Gd Katkılı Zn<sub>1-x</sub>Gd<sub>x</sub>O Bileşiklerinin Yapısal ve Manyetik Özellikleri, Doctorate, G.Bulun(Student), 2010

EKİCİBİL A., Vorteks Mekanizmasının Süperiletkenliğe Etkileri, Postgraduate, S.Demirdiş(Student), 2008

EKİCİBİL A., Yüksek Geçiş Sıcaklıklı Süperiletkenlerde Kritik Durum Modellerinin İncelenmesi, Postgraduate, S.Kılıç(Student), 2008

## Published journal articles indexed by SCI, SSCI, and AHCI

- 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, vol.307, 2024 (SCI-Expanded)
- II. **Study of magnetocaloric properties of small Bi-doped  $\text{Pr}_{0.55}\text{Ca}_{0.05}\text{Ba}_{0.40}\text{Mn}_{1-x}\text{Bi}_x\text{O}_3$  manganites**  
Akça G., Kılıç Çetin S., Ekicibil A.  
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.35, no.1442, pp.1-13, 2024 (SCI-Expanded)
- III. **Enhanced photocatalytic activity in AgCu-decorated ZnO nanoparticles under UV and sunlight**  
Noua A. E., KAYA D., SİĞİRCİK G., TÜKEN T., KARADAĞ F., EKİCİBİL A.  
Journal of Materials Science: Materials in Electronics, vol.35, no.18, 2024 (SCI-Expanded)
- IV. **Enhancement of magnetocaloric effect by partial substitution of Bi in  $\text{La}_{0.60}\text{Dy}_{0.10}\text{Sr}_{0.30}\text{Mn}_{(1-x)}\text{Bi}_x\text{O}_3$  manganites ( $x = 0, 0.01, 0.03, \text{ and } 0.10$ )**  
KURT M. Z., KILIÇ ÇETİN S., Kandemir A., AKÇA G., KARADAĞ F., EKİCİBİL A.  
Journal of Materials Science: Materials in Electronics, vol.35, no.8, 2024 (SCI-Expanded)
- 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, vol.300, pp.117081, 2024 (SCI-Expanded)
- VI. **Effect of Ag-doping process into the yttrium iron garnet ( $\text{Y}_3\text{Fe}_5\text{O}_{12}$ ) thin films on the structural, magnetic and optical properties**  
Demiryürek N., Akyol M., KARADAĞ F., EKİCİBİL A.  
Journal of Materials Science: Materials in Electronics, vol.35, no.6, 2024 (SCI-Expanded)
- 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, vol.477, pp.143794, 2024 (SCI-Expanded)
- VIII. **Electronic and magnetic properties of boron substituted  $\text{CuFe}_2\text{O}_4$  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.  
Journal of Nanoparticle Research, vol.26, no.1, 2024 (SCI-Expanded)
- X. **Highly active bimetallic Pt-Cu nanoparticles for the electrocatalysis of hydrogen evolution reactions: Experimental and theoretical insight**  
KAYA D., Demiroglu I., Isik I., Isik H., Çetin S., Sevik C., EKİCİBİL A., KARADAĞ F.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.48, no.95, pp.37209-37223, 2023 (SCI-Expanded)
- XI. **Magnetocaloric effect in  $\text{PrGd}_{1-x}\text{Ba}_x\text{Mn}_2\text{O}_6$  ( $0.0 \leq x \leq 1.0$ ) double perovskite manganite system**  
Akça G., Kandemir A., Ayaş A. O., Kılıç Çetin S., Akyol M., Ekicibil A.  
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, no.34-, pp.1-16, 2023 (SCI-Expanded)
- 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, vol.661, 2023 (SCI-Expanded)
- XIII. **A comparative study of magnetic, and magnetocaloric properties of different transition metal-doped  $\text{La}_{0.67}\text{Sr}_{0.33}\text{A}\text{O}_3$  (A: Mn, Co, Cr, and Fe) samples**  
Coşkun A. T., Ak Y. S., Güleç N., Akça G., Kılıç Çetin S., Ekicibil A., Coşkun A.  
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, pp.1-15, 2023 (SCI-Expanded)
- XIV. **Preparation of  $\text{TiO}_2/\text{VO}_x$ ,  $\text{TiO}_2/\text{SiO}_2$ , and  $\text{VO}_x/\text{SiO}_2$  nanostructures by hydrothermal methods and**

**determination of their magnetic properties**

Mohammad Hasham M. T., Ay B., Kaya D., Yıldız E., Ekicibil A.

NEW JOURNAL OF CHEMISTRY, vol.47, no.7, pp.3312-3320, 2023 (SCI-Expanded)

- 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, vol.33, pp.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, vol.1, pp.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.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, no.20, pp.16574-16585, 2022 (SCI-Expanded)
- 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.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.902, pp.163810, 2022 (SCI-Expanded)
- 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.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, pp.10990-11001, 2022 (SCI-Expanded)
- 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**  
AYAŞ A. O., Kandemir A., Cetin S. K., AKÇA G., Akyol M., EKİCİBİL A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, no.10, pp.7357-7370, 2022 (SCI-Expanded)
- 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**  
Kunduracı M., Kılıç Çetin S., Çağlayan U., Mutlu R., Kaya D., Ekicibil A.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.908, pp.116118, 2022 (SCI-Expanded)
- XXII. **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**  
Kunduracı M., Kılıç Çetin S., Çağlayan U., Mutlu R. N., Kaya D., Ekicibil A.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.908, pp.1-8, 2022 (SCI-Expanded)
- 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.  
JOURNAL OF CHEMICAL PHYSICS, vol.156, no.6, 2022 (SCI-Expanded)
- XXIV. **Magnetically separable low Pt substituted Co nanoparticles: Investigation of structural, magnetic, and catalytic properties**  
Kaya D., Işık H. H., Baldan Işık İ., Adanur İ., Wang Y., Akyol M., Karadağ F., Ekicibil A.  
PHYSICA B-CONDENSED MATTER, vol.632, no.413765, pp.413765-413770, 2022 (SCI-Expanded)
- 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.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, no.35, pp.303-314, 2022 (SCI-Expanded)
- 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.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.23, pp.28007-28018, 2021 (SCI-Expanded)
- XXVII. **Detailed investigation of structural and magnetic properties of multiphase binary Pd-Co alloys prepared by modified polyol process**  
KAYA D., Adanur I., Akyol M., KARADAĞ F., EKİCİBİL A.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.876, 2021 (SCI-Expanded)
- XXVIII. **A systematic study on luminescence characterization of lanthanide-doped BeO ceramic dosimeters**  
Altunal V., Guckan V., Ozdemir A., Ekicibil A., Karadağ F., Yegingil I., Zydhachevskyy Y., Yeğingil Z.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.876, 2021 (SCI-Expanded)
- XXIX. **Structural, electrical, dielectric properties and complex impedance analysis of Pr<sub>0.6</sub>Sr<sub>0.4</sub>Mn<sub>1-x</sub>AxO<sub>3</sub> perovskites (A=Cr and Ti)**  
Snini K., Abıdı R., Ekicibil A., Ellouze M., El Mir L.  
Journal Of Materials Science-Materials In Electronics, vol.32, no.17, pp.22330-22341, 2021 (SCI-Expanded)
- XXX. **Investigation of optical, electronic, and magnetic properties of p-type NiO thin film on different substrates**  
KAYA D., AYDINOĞLU H. S., ŞENADIM TÜZEMEN E., EKİCİBİL A.  
THIN SOLID FILMS, vol.732, 2021 (SCI-Expanded)
- XXXI. **The effect of Ni-substitution with Mn on electrical, magnetic and magnetocaloric properties in Pr<sub>0.67</sub>Ba<sub>0.22</sub>Sr<sub>0.11</sub>Mn<sub>1-x</sub>NixO<sub>3</sub> manganites**  
ÇETİN S., Snini K., Ellouze M., EKİCİBİL A., HİLİ E. K.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.11, pp.14301-14309, 2021 (SCI-Expanded)
- XXXII. **YBCO superconductor added with one-dimensional TiO<sub>2</sub> nanostructures: Frequency dependencies of AC susceptibility, FC-ZFC magnetization, and pseudo-gap studies**  
Hannachi E., Slimani Y., Okasha A. T., Yasin G., Iqbal M., Shariq M., Kaya D., Azzouz F. B., Ekicibil A.  
Journal Of Alloys And Compounds, vol.883, no.25, pp.160887-160895, 2021 (SCI-Expanded)
- XXXIII. **Effect of Ho substitution on structural, magnetic and magnetocaloric properties of Co(CrFe)<sub>0.4</sub>**  
Kivrak B., Gülkesen S., Ayaş A. O., Akyol M., Ekicibil A.  
Journal Of Materials Science-Materials In Electronics, vol.32, pp.15740-15753, 2021 (SCI-Expanded)
- XXXIV. **New application area for magnetocaloric materials: Hyperthermia method**  
AYAŞ A. O., Secilmis E., EKİCİBİL A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1231, 2021 (SCI-Expanded)
- XXXV. **A systematic study on luminescence characterization of lanthanide-doped BeO ceramic dosimeters**  
Altunal V., Güçkan V., Özdemir A., Ekicibil A., Karadağ F., Yeğingil İ., Zydhachevskyy Y., Yeğingil Z.  
Journal Of Alloys And Compounds, vol.876, pp.160105-160120, 2021 (SCI-Expanded)
- 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.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1230, 2021 (SCI-Expanded)
- XXXVII. **Role of nickel doping on magnetocaloric properties of La<sub>0.7</sub>Sr<sub>0.3</sub>Mn<sub>1-x</sub>NixO<sub>3</sub> manganites**  
Cetin S. K., AKÇA G., Aslan M. S., EKİCİBİL A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.8, pp.10458-10472, 2021 (SCI-Expanded)
- XXXVIII. **Synthesis, Structural Characterization, Electric and Dielectric Properties of Pr<sub>0.67</sub>Ba<sub>0.22</sub>Sr<sub>0.11</sub>Mn<sub>0.925</sub>Ni<sub>0.075</sub>O<sub>3</sub> Perovskite for Thermal Energy Storage**  
Snini K., Akyol M., Ellouze M., El Mir L., Ghribi F., Ekicibil A.  
Journal Of Alloys And Compounds, vol.874, pp.159866-159874, 2021 (SCI-Expanded)
- XXXIX. **Room-temperature magnetocaloric effect in Fe-substituted CoCr<sub>2</sub>O<sub>4</sub> spinels**  
Gulkesen S., Tumen K. U., Akyol M., EKİCİBİL A.  
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.127, no.3, 2021 (SCI-Expanded)
- XL. **The effect of the Ag addition on FeSe superconducting wire by the ex-situ PIT method**

Farisogullari D., Babij M., Karadağ F., Ekicibil A., Takano Y.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.3, pp.2887-2894, 2021 (SCI-Expanded)

- XLII. **Synthesis of monodisperse CoPt nanoparticles: Structural and magnetic properties**  
KAYA D., Adanur I., Akyol M., KARADAĞ F., EKİCİBİL A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1224, 2021 (SCI-Expanded)
- XLIII. **Fe Addition Influence on the Mechanical and Thermophysical Behaviours of PM Alumix 431 Allo**  
Acar A. N., Mutlu R. N., Kaya D., Ekşi A. K., Ekicibil A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1, no.1, pp.130031-130045, 2021 (SCI-Expanded)
- XLIV. **Strong magnetic coupling in MnO delta nanoparticles by doping Boron**  
Demiryurek N., Kivrak B., Akyol M., EKİCİBİL A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1224, 2021 (SCI-Expanded)
- XLV. **Effect of Ta insertion between Pt and CoFeB on interfacial magnetic anisotropy in Pt/CoFeB/MgO multilayer thin-film stack**  
Akyol M., Kivrak B., Tumen K. U., EKİCİBİL A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.24, pp.23037-23043, 2020 (SCI-Expanded)
- XLVI. **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**  
Coskun A., AKÇA G., Tasarkuyu E., Battal O., EKİCİBİL A.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.11, pp.3377-3393, 2020 (SCI-Expanded)
- XLVII. **Temperature-Dependent Dielectric and Magnetic Properties of Scandium-Substituted HoFeO(3)Nanoparticles**  
Angadi V. J., Manjunatha K., Akyol M., EKİCİBİL A., Matteppanavar S., Pavlenko A., Kubrin S. P.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.11, pp.3525-3534, 2020 (SCI-Expanded)
- XLVIII. **Structural, electrical properties and complex impedance analysis of Pr0.67Ba0.22Sr0.11Mn12xTixO3 perovskites**  
Snini K., Ghribi F., Ekicibil A., Ellouze M., El Mir L.  
Journal Of Materials Science-Materials In Electronics, vol.2020, pp.1, 2020 (SCI-Expanded)
- XLIX. **Investigation of luminescence properties of BeO ceramics doped with metals for medical dosimetry**  
Altunal V., Guckan V., Özdemir A. C., Kurt K., Ekicibil A., Yeğingil Z.  
OPTICAL MATERIALS, vol.108, 2020 (SCI-Expanded)
- L. **Investigation of luminescence properties of BeO ceramics doped with metals for medical dosimetry**  
Altunal V., Güçkan V., Özdemir A., Kurt K., Ekicibil A., Yeğingil Z.  
Optical Materials, vol.108, pp.110436, 2020 (SCI-Expanded)
- L. **Evaluation of nanoparticle formation and magnetic properties by boron doping in Ni/NiO delta nanoparticles**  
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- IV. **İklimlendirme ve Soğutma Kavramları**  
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- Karadağ F., Ekicibil A., Kaya D., Akyol M., Ayaş A. O., Project Supported by Higher Education Institutions, Cu Katkılı Pt Nanoparçacıkların Katalitik Özelliklerinin İncelenmesi ve Elektronik Özelliklerinin Yoğunluk Fonksiyonel Teorisi Density Functional Theory Yöntemi ile Araştırılması, 2020 - 2022
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- EKŞİ A. K., ACAR A. N., EKİCİBİL A., Project Supported by Higher Education Institutions, Toz Metalurjisi Metoduyla Üretilen 316 L Östenitik ve 410 Martenzitik Paslanmaz Çeliklerin Fiziksel ve Mekaniksel Özelliklerin İncelenmesi, 2018 - 2022
- Ekicibil A., Kılıç Çetin S., Akça G., Akyol M., Ayaş A. O., TUBITAK Project, Soğutucu Elemanı Olarak Kullanılabilecek PrBaMn2O6 Manganit Bileşiklerinde Gd ve Ca Eklenmesinin Malzemenin Özelliklerine Etkisi ve Mühendislik Uygulamaları, 2020 - 2021
- KAYA D., EKİCİBİL A., KARADAĞ F., AKYOL M., Adanur İ., Project Supported by Higher Education Institutions, Co Nano Yapıların Pd ile Katkılanıp Yapısal ve Manyetik Özelliklerinin İncelenmesi, 2019 - 2021
- YEĞİNGİL Z., AKYOL M., EKİCİBİL A., Güçkan V., ALTUNAL V., Project Supported by Higher Education Institutions, Farklı iyonlarla katkılanmış ZnO kristallerinin sentezlenmesi, yapısal, manyetik, manyetokalorik özelliklerinin ve lüminesans karakteristiklerinin belirlenmesi, 2019 - 2021
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- TÜKEL S. S., PAKSOY H. Ö., AKILLI H., ESEN R., ÖZÇELİK B., EKİCİBİL A., EKŞİ A. K., YILDIZ E., GÜZEL B., KARDAŞ G., et al., Project Supported by Higher Education Institutions, Temel ve Mühendislik Bilimlerinde Çeşitli Malzemelerin Fiziksel Özelliklerinin Araştırılabilirliği için gerek duyulan Fiziksel Özellik Ölçüm Sistemi PPMS Physical Property Measurement Sisteminin Çukurova Üniversitesi Merkezi Araştırma Laboratuvarına Kazandırılması ve Malzeme Üretim Laboratuvarının Oluşturulması, 2015 - 2018
- EKİCİBİL A., Project Supported by Higher Education Institutions, (La1-xREx)0.85K0.15MnO3 (RE= Pr, Sm, Er) (x= 0.1,, 0.2, 0.3) Manganitlerinin Manyetik ve Manyetokalorik Özelliklerin Araştırılması, 2012 - 2018
- ÖZÇELİK B., EKİCİBİL A., Project Supported by Higher Education Institutions, International Conference on Condensed

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KARADAĞ F., EKİCİBİL A., AKYOL M., Adanur İ., Project Supported by Higher Education Institutions, Bor katkılı Co(Fe<sub>1-x</sub>B<sub>x</sub>)<sub>2</sub>O<sub>4</sub> multiferroic spinellerin yapısal elektriksel ve manyetik özelliklerinin araştırılması, 2016 - 2017

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EKİCİBİL A., AKYOL M., KARADAĞ F., Project Supported by Higher Education Institutions, Demir Tabanlı A<sub>16</sub>Fe<sub>4</sub>Se<sub>5</sub> A=K, Cs Süperiletkenlerin Fiziksel Özellikleri, 2015 - 2017

EKİCİBİL A., Project Supported by Higher Education Institutions, Influence of rare earth ion doping on the structural magnetic and magnetocaloric properties of La<sub>1-x</sub>RE<sub>x</sub>0.85K<sub>0.15</sub>MnO<sub>3</sub> x=0.0 and 0.1 RE Pr and Sm manganites, 2016 - 2016

EKİCİBİL A., Project Supported by Higher Education Institutions, The superconductivity in Mg doped InN grown by Molecular Beam Epitaxy, 2016 - 2016

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EKİCİBİL A., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (8 Adet), 2013 - 2016

EKİCİBİL A., AKYOL M., Project Supported by Higher Education Institutions, MgO Bariyerli Çoklu Katman Nano-filmli Spintronik Özelliklerinin Araştırılması, 2013 - 2016

EKİCİBİL A., Project Supported by Higher Education Institutions, La<sub>1-x</sub>Pr<sub>x</sub>0.85Ag<sub>0.15</sub>MnO<sub>3</sub> (x=0.0, 0.2) perovskit malzemelerinin yapısal, manyetik ve manyetokalorik özelliklerinin araştırılması, 2015 - 2015

EKİCİBİL A., Project Supported by Higher Education Institutions, The Superconducting Properties in Iron Based Superconductor Cs<sub>16</sub>Fe<sub>4</sub>Se<sub>5</sub>, 2015 - 2015

ÖZÇELİK B., EKİCİBİL A., KARADAĞ F., Project Supported by Higher Education Institutions, The 9th International Conference on Magnetic and Superconducting Materials MSM15, 2015 - 2015

EKİCİBİL A., Project Supported by Higher Education Institutions, MgO Bariyerli Çoklu Katman Nano-Filmli Spintronik Özelliklerinin Araştırılması, 2014 - 2015

EKİCİBİL A., Project Supported by Higher Education Institutions, Farklı Element Katkılı La-Tabanlı Manganit Bileşiklerinin, Manyetik ve Manyetokalorik Özelliklerinin Belirlenmesi, 2013 - 2015

EKİCİBİL A., ÖZÇELİK B., TÜBİTAK Project, FeSe-122 Süperiletkenlerin Üretimi, Karakterizasyonu, Elektriksel ve Manyetik Özellikleri, 2013 - 2015

EKİCİBİL A., Project Supported by Higher Education Institutions, La - Tabanlı Manganit Bileşiklerinin Yapısal, Manyetik ve Manyetokalorik Özelliklerinin Belirlenmesi, 2013 - 2014

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Ekicibil A., Project Supported by Higher Education Institutions, Geçiş elementleri katkılı Zn<sub>1-x</sub>TM<sub>x</sub>O<sub>2</sub> TM Transition Metal Bileşiklerinin Yapısal Manyetik Ve Elektriksel Özellikleri, 2009 - 2011

## Metrics

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## Congress and Symposium Activities

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

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

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

Science and Applications of Thin Films, Conference Exhibition (SATF 2018), Attendee, İzmir, Turkey, 2019

TURKISH PHYSICAL SOCIETY 34TH INTERNATIONAL PHYSICS CONGRESS, Attendee, Muğla, Turkey, 2019

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

4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Attendee, Antalya, Turkey, 2019

Fourth International Iron and Steel Symposium (UDCS'19 Fourth International Iron and Steel Symposium, Attendee, Karabük, Turkey, 2019

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

3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Attendee, Adana, Turkey, 2018

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

XVth International Corrosion Symposium (KORSEM'18), Attendee, Hatay, Turkey, 2018

International Conference on Physical Chemistry and Functional Materials (PCFM 2018), Attendee, Elazığ, Turkey, 2018

MANA International Symposium 2018, Attendee, Tsukuba, Japan, 2018

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Attendee, Adana, Turkey, 2017

2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Attendee, Nevşehir, Turkey, 2017

International Conference on Condensed Matter and Material Sciences (ICMMS2017), Attendee, Adana, Turkey, 2017

4th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2017), Attendee, Sarajevo, Bosnia And Herzegovina, 2017

2nd International Congress on the World of Technology and Advanced Materials, Attendee, Antalya, Turkey, 2017

1st International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2016

2nd International of Advanced and Functional Material Technologies (AFMAT), Attendee, Antalya, Turkey, 2016

International Energy and Engineering Conference, Attendee, Gaziantep, Turkey, 2016

3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN-2016), Attendee, Antalya, Turkey, 2016

Turkish Physical Society, 32. International Physics Congress, Attendee, Muğla, Turkey, 2016

21. Yoğun madde Fiziği Ankara Toplantısı (YMF-21), Attendee, Ankara, Turkey, 2015

European Congress and Exhibition on Advanced Materials and Processes, Attendee, Warszawa, Poland, 2015

9th International Conference on Magnetic and Superconducting Materials (MSM15, Attendee, Antalya, Turkey, 2015

JÜLICH, JCNS - Juelich Centre for Neutron Science Center, Attendee, Münih, Germany, 2013

7th Asian Conference on Applied Superconductivity and Cryogenics, Attendee, Nevşehir, Turkey, 2013

Joint European Magnetic Symposia, Attendee, Rhodes, Greece, 2013

JEMS2012, Attendee, Parma, Italy, 2012

International Conference on Superconductivity and Magnetism-ICSM, Attendee, İstanbul, Turkey, 2012

ISW on Condensed Matter and Materials Physics, Attendee, Antalya, Turkey, 2011

28. International Physics Congress, Attendee, Bodrum, Turkey, 2011

The MAR11 Meeting of The American Physical Society, Attendee, Texas, United States Of America, 2011

27. International Physics Congress, Attendee, İstanbul, Turkey, 2010

PCAM - Physics and Chemistry of Advanced Materials, Attendee, Milano, Italy, 2009

Turkish Physical Society, 26. International Physics Congress, Attendee, Bodrum, Turkey, 2009

The Abdus Salam International Centre for Theoretical Physics, Attendee, Trieste, Italy, 2008

Condensed Matter Physics Conference of Balkan Countries, Attendee, Muğla, Turkey, 2008

CERN- ISOLDE, Bölüm Toplantısı, Attendee, Cenevre, Switzerland, 2007

23. International Physics Congress, Attendee, Muğla, Turkey, 2005

ACA Summer Course in Small Molecule Crystallography, Attendee, --Seçiniz--, United States Of America, 2002