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International Researcher IDs

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ScopusID: 7801316371

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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_{1-x}RE_x)_{0.85}K_{0.15}MnO₃ (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_{1-x}B_x/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_{1-x}(A_x)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_{1-x}Mn_xO Bileşiklerinin Yapısal ve Manyetik Özelliklerinin Araştırılması, Postgraduate, K.Bulcar(Student), 2014

EKİCİBİL A., Gümüş Katkılı (La_{1-x}RE_x)_{0.85}Ag_{0.15}MnO₃ (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_{0.8-4y}Dy_yO_x 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., Y₃Ba₅Cu₈O₁₈ ve Y₃Ba₅Ca₂Cu₈O₁₈ Numunelerinin Yapısal Özelliklerinin İncelenmesi, Postgraduate, A.Osman(Student), 2010

EKİCİBİL A., 3d-Geçiş Metali Ni Katkılı Zn_{1-x}Ni_xO ve 4f-Lantanit Gd Katkılı Zn_{1-x}Gd_xO Bileşiklerinin Yapısal ve Manyetik Özellikleri, Doctorate, G.Bulun(Student), 2010

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

EKİCİBİL A., Vorteks Mekanizmasının Süperiletkenliğe Etkileri, Postgraduate, S.Demirdiş(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 CuFe_2O_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., Urgan 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 TiO_2/VO_x , $\text{TiO}_2/\text{SiO}_2$, and VO_x/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) MoS₂ 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 KMgF₃: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_{1.4-x}K_xCa_{1.6}Mn₂O₇ (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 PrCaMn₂O₆ 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 LiV₃O₈/water-in-salt electrolyte/LiNi_{1/3}Co_{1/3}Mn_{1/3}O₂ 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 LiV₃O₈/water-in-salt electrolyte/LiNi_{1/3}Co_{1/3}Mn_{1/3}O₂ 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_{0.80}Ag_{0.20}MnO₃**
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_{0.6}Sr_{0.4}Mn_{1-x}AxO₃ perovskites (A=Cr and Ti)**
Snını 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_{0.67}Ba_{0.22}Sr_{0.11}Mn_{1-x}NixO₃ manganites**
ÇETİN S., Snini K., Ellouze M., EKİCİBİL A., Hlıl 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 TiO₂ 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)O₄**
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_{0.7}Sr_{0.3}Mn_{1-x}NixO₃ 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_{0.67}Ba_{0.22}Sr_{0.11}Mn_{0.925}Ni_{0.075}O₃ 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 CoCr₂O₄ 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**
Adanur I., Akyol M., Tezcan F., KARDAŞ G., EKİCİBİL A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.17, pp.14591-14600, 2020 (SCI-Expanded)
- LI. **The effect of the sintering process on Ag-added FeSe(0.94)superconducting wire**
Farisogullar D., Babij M., Karadağ F., Ekicibil A., Takano Y.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, vol.33, 2020 (SCI-Expanded)
- LII. **Materials science and nanotechnology**
EKİCİBİL A., Caglar Y., Gupta R. K., Fausto R.
JOURNAL OF MOLECULAR STRUCTURE, vol.1213, 2020 (SCI-Expanded)
- LIII. **Composite xLa(0.7)Ca(0.2)Sr(0.1)MnO(3) / (1-x)La0.7Te0.3MnO3 materials: magnetocaloric properties around room temperature**
Akça G., Cetin S., Ekicibil A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.9, pp.6796-6808, 2020 (SCI-Expanded)

- LIV. **Basal plane ferromagnetism in the rhombohedral manganite $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3+\delta$**
Larsen C. B., Samothrakitis S., Fortes A. D., Ayas A. O., Akyol M., Ekicibil A., Laver M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.498, 2020 (SCI-Expanded)
- LV. **Properties of fly ash-based lightweight geopolymer concrete prepared using pumice and expanded perlite as aggregates**
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4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.291-293
- XLVII. **Physical Properties of CoPt Magnetic Core-Shell Nanoparticles**
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4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.1
- XLVIII. **The Annealing Effect on Superconductivity Properties of $\text{Fe}_{1+d}\text{Te}_{0.6}\text{Se}_{0.4}$ ($d=0, 0.05$) Polycrystals Deposited by Solid State Reaction Method**
Farisoğulları D., Karadağ F., Takano Y., Ekicibil A.
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- XLIX. **Effect of Reducing Agent and Surfactant on Structural and Magnetic Properties of Ni Magnetic Nanoparticles (MNPs)**
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October 2018, pp.1

- L. **Pressure Influence on the Thermophysical Properties of the P/M- Fe-Cr Martensitic Stainless Steels**
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- LI. **Synthesis of FeOy 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_{0.7}Ca_{0.2}Sr_{0.1}MnO₃ manganite**
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3rd International Mediterranean Science and Engineering Congress (IMSEC 2018) | 3. Uluslararası Akdeniz Bilim ve Mühendislik Kongresi (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1
- LIV. **Evaluation of the Impact Toughnesses of the P/M-X12Cr13 Martensitic Stainless Steels**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.306-309
- LV. **Synthezing and Characterization of MnO Nanoparticles**
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5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 4 - 06 October 2018
- LVI. **Investigation of Magnetic Properties of Zamak-2 Alloy Prepared by Powder Metallurgy**
KOCA B., MUTLU R. N., ACAR A. N., EKŞİ A. K., EKİCİBİL A., YAZICI B.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.334-337
- LVII. **Structural, magnetic and magnetocaloric properties of (La_{0.8}Pr_{0.2})_{0.85}K_{0.15}MnO₃ manganite compound**
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5th International conference on materials science and nanotechnology for next generation (MSNG2018), Nevşehir, Turkey, 4 October - 06 November 2018, pp.1
- LVIII. **Magnetic and Magnetocaloric Properties of Er-doped (La_{0.9}Er_{0.1})_{0.67}Pb_{0.33}MnO₃ Perovskite**
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5th International conference on materials science and nanotechnology for next generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.231
- LIX. **On the View of the Impact Toughness of P/M- X2CrNiMo17-12-2 Austenitic Stainless Steels?**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.1-4
- LX. **Magnetic and Magnetocaloric Properties of La_{0.7}Ca_{0.2}Sr_{0.1}MnO₃ Manganite**
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- LXI. **Corrosion Properties Of Austenitic And Martensitic Stainless Steels Produced By Powder Metallurgy**
Acar A. N., Mutlu R. N., Ekşi A. K., Ekicibil A., Yazıcı B.
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- LXII. **YIG Film Grown on Quartz by Spin-Coating**
EKİCİBİL A., DEMİYÜREK N., Adanur İ., KARADAĞ F., AKYOL M.

- Science and Applications of Thin Films, Conference Exhibition (SATF 2018), 17 - 21 September 2018
- LXIII. **Effect of Deposition Pressure and Power on the Perpendicular Magnetic Anisotropy in Hf/CoFeB/MgO Multilayer Structure**
AKYOL M., EKİCİBİL A.
Science and Applications of Thin Films, Conference Exhibition (SATF 2018), 17 - 21 September 2018
- LXIV. **MAGNETIC AND MAGNETOCALORIC PROPERTIES OF $\text{La}_{0.7}\text{Te}_{0.3}\text{MnO}_3$ MANGANITE COMPOUND**
KILIÇ ÇETİN S., AKÇA G., AYAS A. O., AKYOL M., EKİCİBİL A.
TURKISH PHYSICAL SOCIETY 34TH INTERNATIONAL PHYSICS CONGRESS, SEPTEMBER 5-9, 2018, BODRUM /TURKEY, Muğla, Turkey, 5 - 09 September 2018, pp.1
- 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.
International Conference on Physical Chemistry and Functional Materials (PCFM 2018), Elazığ, Turkey, 19 - 21 June 2018, pp.120
- LXVI. **Magnetic Properties of Perovskite $(\text{La}_{0.9}\text{Dy}_{0.1})_{0.85}\text{Ag}_{0.15}\text{MnO}_3$ Compound**
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- LXVII. **Electrodeposition of FeSe Superconducting Thin Films**
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- LXVIII. **Determination of the dimensions of iron oxide nanowires by hydrothermal method**
YILDIRIM S., SAVAŞ PEKDUR Ö., EKİCİBİL A., AKKURT M.
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- 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, Turkey, 25 - 27 October 2017, pp.1
- LXX. **Magnetocaloric Effect in CoCr_2O_4 Spinel Nanoparticles**
AKYOL M., ADANUR İ., AYAS A. O., EKİCİBİL A.
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017
- LXXI. **Magnetic and magnetocaloric properties of $(\text{La}_{0.9}\text{RE}_{0.1})_{0.85}\text{K}_{0.15}\text{MnO}_3$ (RE: Pr, Sm and Er) manganites**
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1
- LXXII. **Structural Investigation of $(\text{La}_{0.8}\text{Gd}_{0.2})_{0.85}\text{Ag}_{0.15}\text{MnO}_3$ Compound**
AYAS A. O., AKYOL M., EKİCİBİL A.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.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 October 2017
- LXXIV. **Synthesizing and Characterization of $\text{Ni}_{1-x}\text{B}_x/\text{NiO}_y$ ($x=0.0$ and 0.05) Core/Shell Magnetic Nanoparticles (MNP)**
AKYOL M., ADANUR İ., EKİCİBİL A.
International Conference on Condensed Matter and Materials Science, Adana, Turkey, 11 - 15 October 2017
- LXXV. **Synthesizing and Characterization of $\text{Ni}_{1-x}\text{B}_x/\text{NiO}_y$ ($x=0.0$ and 0.05) Core/Shell Magnetic**

Nanoparticles (MNPs)

AKYOL M., Adanur İ., EKİCİBİL A.

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

- LXXVI. **On the Structural Properties of Martensitic and Austenitic Stainless Steels Prepared by Powder Metallurgy**
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2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.750
- LXXVII. **Magnetic and Magnetocaloric Properties of (La_{0.8}Gd_{0.2})_{0.85}Ag_{0.15}MnO₃ Compound**
AYAS A. O., AKYOL M., EKİCİBİL A.
International Conference on Condensed Matter and Material Sciences, Adana, Turkey, 11 - 15 October 2017, pp.1
- LXXVIII. **Magnetocaloric properties of (La_{0.9}Er_{0.1})_{0.85}K_{0.15}MnO₃ manganite**
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.
International Conference on Condensed Matter and Material Sciences, Adana, Turkey, 11 - 15 October 2017, pp.1
- LXXIX. **The Effect of Pressure on the Magnetic Properties of X₁₂Cr₁₃ Martensitic Stainless Steels Prepared by Powder Metallurgy Method**
ACAR A. N., EKŞİ A. K., EKİCİBİL A.
International Conference on Condensed Matter and Material Sciences (ICCMMS2017), Adana, Turkey, 11 - 15 October 2017, pp.85
- LXXX. **Effect of Boron on Structural and Magnetic Properties in Co(Cr_{1-x}B_x)₂O₄ (x=0.0, 0.1) Multiferroic Spinel Nanoparticles**
Adanur İ., AKYOL M., EKİCİBİL A.
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- LXXXI. **Structural, Optical and Magnetic Properties of Co (5): CdZnS Nanoparticles**
HOROZ S., AKYOL M., EKİCİBİL A., ŞAHİN Ö.
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- 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, Bosnia And Herzegovina, 28 - 30 June 2017
- LXXXIII. **Influence of La Substitution on Structural, Magnetic and Magnetocaloric Properties in (La_{0.3}Pr_{0.7})_{0.85}Ag_{0.15}MnO₃ Manganite Sample**
AYAS A. O., AKYOL M., EKİCİBİL A.
4th International Conference On Materials Science and Nanotechnology for Next Generation (Msng2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.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, Bosnia And Herzegovina, 28 - 30 June 2017, pp.276
- LXXXV. **Effect of Boron on structural and magnetic properties in Co(CR_{1-x}B_x)₂O₄ (x=0.0,0.1) Multifeeroic Spinel Nanoparticles**
ADANUR İ., AKYOL M., EKİCİBİL A.
4th International Conference On Materials Science and Nanotechnology for Next Generation, Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017
- LXXXVI. **The Magnetic Properties of X₂CrNiMo₁₇₋₁₂₋₂ Austenitic Stainless Steels Produced 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, Bosnia And Herzegovina, 28 - 30 June 2017, pp.268
- LXXXVII. **Pr_{1.75}Sr_{1.25}Mn₂O₇ 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 (Msn2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.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, Bosnia And Herzegovina, 27 - 29 June 2017, pp.119
- LXXXIX. **Effect of Basaltic Pumice Aggregate Addition on the Strength of Fly Ash Based Lightweight Geopolymer Concrete**
TOP S., VAPUR H., EKİCİBİL A.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), Sarajevo, Bosnia And Herzegovina, 27 - 29 June 2017, pp.29
- XC. **Study of Exchange Bias Effect in CoCr₂O₄ 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, Turkey, 18 - 21 April 2017, pp.1
- XCII. **Structural, Magnetic and Magnetocaloric Properties of (La_{0.7}Pr_{0.3})_{0.85}M_{0.15}MnO₃ (M= K and Ag) Perovskites**
AKÇA G., AYAS A. O., CETIN S. K., EKİCİBİL A.
2nd International Conference On Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017, pp.1
- XCIII. **Effect of Boron Doping on the Structure and Magnetic Property of Co(Fe_{1-x}Bx)₂O₄ (x=0.0 and 0.15) Multiferroic Spinel Nanoparticles**
AKYOL M., Adanur İ., KARADAĞ F., EKİCİBİL A.
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, Antalya, Turkey, 18 - 21 April 2017, pp.1
- XCIV. **Effect of Partial Gd Substitution on Structural, Magnetic and Magnetocaloric Properties in (La_{0.7}Gd_{0.3})_{0.85}Ag_{0.15}MnO₃ Manganite Compound**
AYAS A. O., AKYOL M., EKİCİBİL A.
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, Antalya, Turkey, 18 - 21 April 2017, pp.1
- XCV. **Structural Properties of (La_{0.9}Gd_{0.1})_{0.85}Ag_{0.15}MnO₃ Manganite Compound**
AYAS A. O., AKYOL M., EKİCİBİL A.
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, Antalya, Turkey, 18 - 21 April 2017, pp.1
- XCVI. **Characterization of the phase composition crystal structure and magnetic properties of the iron selenide BaFe₂Se₂**
GÜRSUL M., EKİCİBİL A., ÖZÇELİK B.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016
- XCVII. **Production characterization and effect of Te doping FeSe 11 compounds**
Farisoğulları D., Kantarcı Güler N., KARADAĞ F., EKİCİBİL A., ÖZÇELİK B.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016
- XCVIII. **Production Characterization and Effect of Te Doping on FeSe 11Compounds**
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1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016
- XCVIII. **Fabrication and physical properties of FeTe_{0.7}Se₃ compounds**
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- XCIX. **Characterization of phase composition crystal structure and magnetic properties of the iron**

selenide BaFe₂Se₂

GÜRSUL M., EKİCİBİL A., ÖZÇELİK B.

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- C. **Investigation of the Mechanical and Surface Properties of Alumix 431 Alloys Prepared by Powder Metallurgy**
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1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- CI. **The Effect of Sintering Temperature on Magnetic and Luminescence Characteristics of Beryllium Oxide**
Altunal V., AKYOL M., Özdemir A., Güçkan V., EKİCİBİL A., YEĞİNGİL Z.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- CII. **The effect of monovalent Ag and K cation on the magnetocaloric properties in (La_{0.9}Pr_{0.1})_{0.85}A_{0.15}MnO₃ manganites (A= Ag,K)**
AKÇA G., AYAŞ A. O., KILIÇ ÇETİN S., AKYOL M., EKİCİBİL A.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- CIII. **Direct and Indirect Measurement of Magnetocaloric Effect in La_{0.67}Ba_{0.33}MnO₃**
KILIÇ ÇETİN S., EKİCİBİL A.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.123
- CIV. **Magnetocaloric properties of (La_{0.9}Sm_{0.1})_{0.85}K_{0.15}MnO₃ manganite**
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- CV. **Magnetic Cooling Technology and Magnetic Cooling Performance of (La_{1-x}Pr_x)_{0.85}Ag_{0.15}MnO₃ (x = 0.8, 0.9 and 1.0) Materials**
Ayaş A. O., AKYOL M., EKİCİBİL A.
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- CVI. **Transmission Electron Microscope (TEM) Study of Hf[CoFeB|MgO] Multilayer Structure**
AKYOL M., EKİCİBİL A.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- CVII. **Synthesizing of Multiferroic Spinel CoFe₂O₄ Nanoparticle**
Adanur İ., AKYOL M., KARADAĞ F., EKİCİBİL A.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- CVIII. **The cooling rate effect on structure and superconducting properties FeTe_{0.5}Se_{0.5} of prepared by the self flux method**
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Acar A. N., Ekşi A. K., Ekicibil A.
2nd International of Advanced and Functional Material Technologies (AFMAT), Antalya, Turkey, 20 - 22 October 2016, pp.11
- CXI. **The Effect of Sintering Temperature on Magnetic and Luminescence Characteristics of Beryllium Oxide**
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October 2016, pp.99

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3th International Nanoscience and Nanotechnology for Next Generation (NaNONG) 2016, Antalya, Turkey, 20 - 22 October 2016, pp.1
- CXIV. **The cooling rate effect on structure and superconducting properties FeSe_{0.5}Te_{0.5} of prepared by the self-flux method**
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- CXV. **Multiferroic Spinel CoA₂O₄ (A:Cr, Fe) Nanoparticles: Structural and Magnetic Properties**
AKYOL M., Adanur İ., KARADAĞ F., EKİCİBİL A.
3th International Nanoscience and Nanotechnology for Next Generation (NaNONG) 2016, Antalya, Turkey, 20 - 22 October 2016, pp.86
- CXVI. **Investigation of Alumix (431) Anode for Al-Air Battery Performance**
Mutlu R. N., Acar A. N., Ekşi A. K., Ekicibil A., Yazıcı B.
2nd International of Advanced and Functional Material Technologies (AFMAT), Antalya, Turkey, 20 - 22 October 2016, pp.25
- CXVII. **Influence of rare earth ion doping on the structural, magnetic and magnetocaloric properties of (La_{1-x}RE_x)_{0.85}K_{0.15}MnO₃ (x = 0 and 0.1; RE: Pr and Sm) manganites**
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- CXVIII. **Corrosion Properties of Cold and Warm Compacted Alumix (431) Alloys**
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- CXIX. **The Cooling Rate and Annealing Effects on Structure Composition and Superconducting Properties FeSe_{0.5}Te_{0.5} of Prepared by the Self Flux Method**
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- CXXII. **Defect-Mediated Ferromagnetism in Mn/Gd doped ZnO Nanocrystals**
AKYOL M., KILIÇ ÇETİN S., Candan İ., EKİCİBİL A.
2ND INTERNATIONAL CONGRESS ON THE WORLD OF TECHNOLOGY AND ADVANCED MATERIALS, Kırşehir, Turkey, 28 September - 02 October 2016, pp.1
- CXXIII. **The superconductivity in Mg-doped InN grown by Molecular Beam Epitaxy**
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- CXXV. **Magnetic Properties and Magnetocaloric Effect in (La_{1-x}Pr_x)_{0.85}Ag_{0.15}MnO₃ (0.0, 0.1, 0.3, 0.5, 1.0)**

Perovskites

Ayaş A. O., AKYOL M., EKİCİBİL A.

Turkish Physical society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1

CXXVI. **INDIRECT MEASUREMENT OF THE MAGNETOCALORIC EFFECT IN (La_{0.9}Pr_{0.1})_{0.85}K_{0.15}MnO₃ MANGANITE**

Akça G., Kılıç Çetin S., Ekicibil A.

Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1

CXXVII. **THE EFFECT OF Pr SUBSTITUTION ON THE MAGNETIC AND MAGNETOCALORIC PROPERTIES OF (La_{1-x}Pr_x)_{0.67}Pb_{0.33}MnO₃ MANGANITES**

KILIÇ ÇETİN S., ACET M., EKİCİBİL A.

Turkish Physical society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, vol.1, no.1, pp.123

CXXVIII. **Indirect Measurement of the Magnetocaloric Effect in (La_{0.9}Pr_{0.1})_{0.85}K_{0.15}MnO₃ Manganite**

AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.

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CXXIX. **Magnetic susceptibility of Mn and Gd Co-Substituted ZnO Bulk Compounds**

EKİCİBİL A., Bulcar K., AKYOL M., AKÇA G., Ayaş A. O., EKİCİBİL A., TOPAKSU M.

Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, vol.1, no.1, pp.346

CXXX. **STRUCTURAL, OPTICAL, ELECTRICAL, AND MAGNETIC PROPERTIES OF UNDOPED AND NI DOPED CDZNS**

Horoz S., Ekicibil A., Demir I., Alagöz S., Şahin O.

Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1

CXXXI. **THE STRUCTURAL, MAGNETIC AND MAGNETOCALORIC PROPERTIES OF Pr_{0.85}K_{0.15}MnO₃ COMPOUND**

AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.

Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1

CXXXII. **Structural and Magnetic Properties of K_{1-x}Na_xFe_{2-y}Se₂**

ÖZÇELİK B., GÜRSUL M., EKİCİBİL A.

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CXXXIII. **Current Induced Perpendicular Magnetization Switching by Spin Orbit Torque in Structure Inversion Asymmetr**

AKYOL M., Amiri P. K., EKİCİBİL A., Wang K. L.

12th International NanoScience and NanoTechnology Conference, 3 - 05 June 2016

CXXXIV. **Current Induced Perpendicular Magnetization Switching by Spin Orbit Torque in Structure Inversion Asymmetry**

AKYOL M., Amiri P. K., EKİCİBİL A., Wang K. L.

12th International NanoScience and NanoTechnology Conference, 3 - 05 June 2016

CXXXV. **Structural, magnetic and magnetocaloric properties of (La_{1-x}Pr_x)_{0.85}Ag_{0.15}MnO₃ (0.0, 0.2, 0.4, 0.6, 0.8 1.0) manganites**

Ayaş A. O., AKYOL M., EKİCİBİL A.

12th International NanoScience and NanoTechnology Conference, Kocaeli, Turkey, 3 - 05 June 2016, pp.182

CXXXVI. **EFFECT OF Na-SUBSTITUTION ON THE SUPERCONDUCTING PROPERTIES OF K_{1-x}Fe_{2-y}Se₂**

ÖZÇELİK B., GÜRSUL M., EKİCİBİL A., LIU M., MOROZOV I., WURMEHL S., BÜCHNER B.

International Congress on Superconductivity and Magnetism (ICSM2016), Antalya, Turkey, 24 - 30 April 2016, pp.763

CXXXVII. **STRUCTURAL AND MAGNETIC PROPERTIES OF CO-DOPED NaCa₄(BO₃)₃:Eu²⁺;Dy³⁺ LUMINESCENCE MATERIALS**

ÖZÇELİK B., KANTARCI GÜLER N., IŞIK S., EKİCİBİL A., SERİNDAĞ O.

International Congress on Superconductivity and Magnetism (ICSM2016), Muğla, Turkey, 24 - 30 April 2016, pp.718

- CXXXVIII. **Effect of Sintering Temperature on the Size of Multiferroic Spinel Nanoparticles**
Adanur İ., AKYOL M., EKİCİBİL A.
IV. YUKPOP WINTER SCHOOL INTERNATIONAL VACUUM WORKSHOP, Afyon, Turkey, 28 - 30 March 2016, pp.184
- CXXXIX. **The Determination of Magnetocaloric Effect in Perovskites Rare Earth Manganites by Direct and Indirect Measurement Techniques**
KILIÇ S., AKÇA G., EKİCİBİL A.
IV.YUKPOP-International Vacuum Workshop, Afyon, Turkey, 28 - 30 March 2016, pp.98
- CXL. **Different Aspect to Determine Adiabatic Temperature Change in Layered Perovskite Manganites**
Ayaş A. O., EKİCİBİL A.
IV. YUKPOP WINTER SCHOOL INTERNATIONAL VACUUM WORKSHOP, Afyon, Turkey, 28 - 30 March 2016, pp.199
- CXLI. **Fundamentals of Spintronics in Metal-Based Systems**
AKYOL M., EKİCİBİL A.
IV. YUKPOP WINTER SCHOOL INTERNATIONAL VACUUM WORKSHOP, Afyon, Turkey, 28 - 30 March 2016, pp.201
- CXLII. **The synthesis and magnetic structure of the iron selenide Ba_{0.8}Fe₂Se₂**
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AKÇA G., KILIÇ ÇETİN S., AKYOL M., AYAŞ A. O., EKİCİBİL A., ÖZÇELİK B.
Ankara 21. Yoğun Madde Fiziği Toplantısı, Turkey, 25 December 2015
- CXLIV. **Film Yüzeyine Dik Oluşan Manyetik Anizotropinin CoFeB Tabaka Kalınlığına Bağlılığı**
AKYOL M., Amiri P. K., EKİCİBİL A., Wang K. L.
Yoğun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 25 December 2015, pp.54
- CXLV. **(La_{1-x}Pr_x)_{0.85}K_{0.15}MnO₃ (x = 0, 0.1, 0.2 ve 0.3) Manganitlerinin Yapısal, Manyetik ve Manyetokalik Özelliklerinin Araştırılması**
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- CLIII. **Current-Driven Magnetization Switching via Spin-Orbit Torque in Perpendicularly Magnetized Hf/CoFeB/(MgO or TaOx) Films with Structural Asymmetry**
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Supported Projects

- EKİCİBİL A., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Temel ve Mühendislik Bilimlerinde Çeşitli Malzemelerin Fiziksel Özelliklerinin Araştırılabilirliği için gerek duyulan Fiziksel Özellik Ölçüm Sistemi PPMS Physical Property Measurement Systemin Çukurova Üniversitesi Merkezi Araştırma Laboratuvarına Kazandırılması, 2015 - Continues
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- 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
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- AKÇA G., EKİCİBİL A., Project Supported by Higher Education Institutions, LaTeMnO/LaCaSrMnO Kompozit Malzemelerin Manyetik ve Manyetokalorik Özelliklerin İncelenmesi, 2018 - 2020
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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
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EKİCİBİL A., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (8 Adet), 2013 - 2016

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

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EKİCİBİL A., Project Supported by Higher Education Institutions, Gümüş Katkılı (La_{1-x}RE_x)_{0.85}Ag_{0.15}MnO₃ (RE=Pr, Er) (0.1, 0.2, 0.3) Lantanyum Manganitlerinin Manyetik ve Manyetokalorik Özelliklerinin İncelenmesi, 2012 - 2014

Ekicibil A., Project Supported by Higher Education Institutions, Geçiş elementleri katkılı Zn_{1-x}TM_xO₂ TM Transition Metal Bileşiklerinin Yapısal Manyetik Ve Elektriksel Özellikleri, 2009 - 2011

Metrics

Publication: 363

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H-Index (WoS): 18

H-Index (Scopus): 18

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

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

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