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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: E-7890-2018

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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2008 - 2015

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2006 - 2008

Undergraduate, Balikesir University, Necatibey Faculty Of Education, Fizik Eğitimi, Turkey 2001 - 2006

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Foreign Language, Wirtschaftsenglisch: Intermediate, Universität Duisburg-Essen, 2012

Foreign Language, Sprachkurse-Deutsch A1/2, Universität Duisburg-Essen, 2012

Foreign Language, Sprachkurse-Deutsch A1/1, Universität Duisburg-Essen, 2011

Dissertations

Doctorate, (La_{1-x}RE_x)_{0.67}Pb_{0.33}MnO₃ (RE = Pr, Sm, Er) manganit bileşiklerinin yapısal, manyetik ve manyetokalorik özelliklerinin incelenmesi , Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 2015

Postgraduate, Yüksek Geçiş Sıcaklıklı Süperiletkenlerde Kritik Durum Modellerinin İncelenmesi, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 2008

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, 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

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2021 - Continues

Lecturer PhD, Cukurova University, Rektorluk, Rektorluk, 2018 - 2021

Expert PhD, Cukurova University, Rektorluk, Rektorluk, 2016 - 2018

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2007 - 2016

Researcher, Universitaet Duisburg Essen, Fakultät Für Physik, Experimentalphysik, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Unveiling A-site substituent's influence on magnetocaloric response in $\text{La}_{2-x}\text{NaxNiMnO}_6$ ($0.0 \leq x \leq 1.0$) double perovskite manganite materials**
Sever I. B., Ayaş A. O., Kandemir A., EKİCİBİL A.
Journal of Sol-Gel Science and Technology, 2025 (SCI-Expanded)
- II. **Investigation of the magnetocaloric properties of Bi doping in $\text{La}_{0.7}\text{Ca}_{0.27}\text{Na}_{0.03}\text{Mn}_{1-x}\text{Bi}_x\text{O}_3$ ($x=0.0, 0.005, 0.01$ and 0.02) perovskites**
Aslan M. S., AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, vol.310, 2024 (SCI-Expanded)
- III. **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., EKİCİBİL A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.35, no.20, pp.1-13, 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 ($x=0, 0.01, 0.03$, 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. **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., EKİCİBİL A.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, no.34-, pp.1-16, 2023 (SCI-Expanded)
- VI. **Effects of Ca substitution on magnetic and magnetocaloric properties in $\text{PrBa}_{1-x}\text{Ca}_x\text{Mn}_2\text{O}_6$ system**
Kandemir A., Akça G., Kılıç Çetin S., Ayaş A. O., Akyol M., EKİCİBİL A.
JOURNAL OF SOLID STATE CHEMISTRY, vol.324, pp.1-13, 2023 (SCI-Expanded)
- VII. **A comparative study of magnetic, and magnetocaloric properties of different transition metal-doped $\text{La}_{0.67}\text{Sr}_{0.33}\text{AO}_3$ (A: Mn, Co, Cr, and Fe) samples**
Coşkun A. T., Ak Y. S., Güleç N., Akça G., Kılıç Çetin S., EKİCİBİL A., Coşkun A.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, pp.1-15, 2023 (SCI-Expanded)
- VIII. **Magnetic refrigeration: Current progress in magnetocaloric properties of perovskite manganite materials**
Ayaş A. O., Çetin S., Akça G., Akyol M., EKİCİBİL A.
MATERIALS TODAY COMMUNICATIONS, vol.35, pp.1-17, 2023 (SCI-Expanded)
- IX. **Large magnetocaloric effect in La-based manganite composites near room temperature**
Kılıç Çetin S., Akça G., EKİCİBİL A.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.147, no.23, pp.13073-13087, 2022 (SCI-Expanded)
- X. **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., EKİCİBİL A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.1, pp.1-11, 2022 (SCI-Expanded)
- XI. **The investigation of the effect of K doping on the structural, magnetic, and magnetocaloric**

- properties of La_{1.4-x}K_xCa_{1.6}Mn₂₀₇ (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)
- XII. **Investigation of the effect of sintering temperature on structural, magnetic and magnetocaloric properties in PrCaMn₂₀₆ 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)
- XIII. **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**
 Kunduraci 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)
- XIV. **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**
 Kunduraci M., Kılıç Çetin S., Çağlayan U., Mutlu R., Kaya D., Ekicibil A.
 JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.908, pp.116118, 2022 (SCI-Expanded)
- XV. **Effect of Sintering Time on the Crystallisation, Morphology, Structure, Electric, Magnetic and Magnetocaloric Properties of La_{0.80}Ag_{0.20}Mn₀₃**
 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)
- XVI. **Characterization of multilayer Al doping in ZnO**
 ŞENADIM TÜZEMEN E., Muglu G. M., ALAYDİN B. Ö., ALTUN D., Cetin S., GÜR E.
 JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.57, no.4, pp.1039-1047, 2021 (SCI-Expanded)
- XVII. **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}Ni_xO₃ manganites**
 ÇETİN S., Snini K., Ellouze M., EKİCİBİL A., Hlil E. K.
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.11, pp.14301-14309, 2021 (SCI-Expanded)
- XVIII. **Role of nickel doping on magnetocaloric properties of La_{0.7}Sr_{0.3}Mn_{1-x}Ni_xO₃ 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)
- XIX. **Direct measurement of adiabatic temperature change in (La_{0.7}Sm_{0.3})(0.67)Ba_{0.33}Mn₀₃**
 KILIÇ ÇETİN S.
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.15, pp.12842-12847, 2020 (SCI-Expanded)
- XX. **Composite xLa(0.7)Ca(0.2)Sr(0.1)MnO₍₃₎ / (1-x)La_{0.7}Te_{0.3}Mn₀₃ 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)
- XXI. **Reversible Magnetocaloric Effect of (La_{0.8}Pr_{0.2})(0.67)Ba_{0.33}Mn₀₃ from Direct Measurements**
 Cetin S.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.3, pp.683-691, 2020 (SCI-Expanded)
- XXII. **Structural, Magnetic, and Magnetocaloric Properties of Pb-Substituted La-0.7(Te_{1-x}Pbx)(0.3)Mn₀₃ (0.0 <= x <= 0.3) Manganites**
 KILIÇ ÇETİN S., AKÇA G., AYAŞ A. O., Akyol M., EKİCİBİL A.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.2, pp.527-538, 2020 (SCI-Expanded)
- XXIII. **Effect of B site partial Ru substitution on structural magnetic and magnetocaloric properties in La_{0.7}Pb_{0.3}Mn_{1-x}Ru_xO₃ (x=0.0, 0.1 and 0.2) perovskite system**
 Ayas A. O., Cetin S., AKYOL M., AKÇA G., EKİCİBİL A.

- JOURNAL OF MOLECULAR STRUCTURE, vol.1200, 2020 (SCI-Expanded)
- XXIV. Impact of small Er rare earth element substitution on magnetocaloric properties of (La_{0.9}Er_{0.1})_{0.6}Pb_{0.33}MnO₃ perovskite
Cetin S., Akça G., Ekicibil A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)
- XXV. Impact of small Er rare earth element substitution on magnetocaloric properties of (La_{0.9}Er_{0.1})_{0.67}Pb_{0.33}MnO₃ perovskite
KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)
- XXVI. Effect of Pr-substitution on the structural, magnetic and magnetocaloric properties of (La_{1-x}Pr_x)_(0.67)Pb_{0.33}MnO₃ (0.0 <= x <= 0.3) manganites
Cetin S. K., Acet M., EKİCİBİL A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.727, pp.1253-1262, 2017 (SCI-Expanded)
- XXVII. Structural, magnetic and magnetocaloric properties of (La_{1-x}Sm_x)_(0.85)K_{0.15}MnO₃ (x=0.0, 0.1, 0.2 and 0.3) perovskite manganites
AKÇA G., Cetin S. K., EKİCİBİL A.
CERAMICS INTERNATIONAL, vol.43, no.17, pp.15811-15820, 2017 (SCI-Expanded)
- XXVIII. Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of Pr-0.85 A 0.15MnO₃ (A = Ag and K) Manganites
AKÇA G., Ayas A. O., Cetin S. K., AKYOL M., EKİCİBİL A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.6, pp.1515-1525, 2017 (SCI-Expanded)
- XXIX. Room temperature magnetocaloric effect in Pr_{1.75}Sr_{1.25}Mn₂O₇ double-layered perovskite manganite system
Ayas A. O., AKYOL M., Cetin S., Kaya M., Dincer I., EKİCİBİL A., Elerman Y.
PHILOSOPHICAL MAGAZINE, vol.97, no.9, pp.671-682, 2017 (SCI-Expanded)
- XXX. Magnetocaloric properties of (La_{1-x}Pr_x)_(0.85)K_{0.15}MnO₃ (x=0.0, 0.1, 0.3 and 0.5) perovskite manganites
Akça G., Cetin S., Gunes M., Ekicibil A.
CERAMICS INTERNATIONAL, vol.42, no.16, pp.19097-19104, 2016 (SCI-Expanded)
- XXXI. Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of Pr_{0.85}A_{0.15}MnO₃ (A = Ag and K) Manganites
AKÇA G., Ayas A. O., KILIÇ ÇETİN S., AKYOL M., EKİCİBİL A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.1, pp.1-11, 2016 (SCI-Expanded)
- XXXII. Microstructural and magnetic properties of A(x):Zn_{1-x}O (A=Mn, Gd and Mn/Gd) nanocrystals
AKYOL M., Cetin S., EKİCİBİL A.
PHILOSOPHICAL MAGAZINE, vol.96, no.1, pp.31-44, 2016 (SCI-Expanded)
- XXXIII. Magnetocaloric effect in (La_{1-x}Sm_x)_(0.67)Pb_{0.33}MnO₃ (0 <= x <= 0.3) manganites near room temperature
CETIN S., Acet M., Güneş M., EKİCİBİL A., Farle M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.650, pp.285-294, 2015 (SCI-Expanded)
- XXXIV. Effect of Ca doping on thermally activated flux flow in the Y₃Ba₅Cu₈O₁₈ superconductor
AKYOL M., Ayas A. O., AKÇA G., Cetin S., EKİCİBİL A.
BULLETIN OF MATERIALS SCIENCE, vol.38, no.5, pp.1231-1237, 2015 (SCI-Expanded)
- XXXV. Magnetocaloric Properties of La_{0.85}Ag_{0.15}MnO₃ and (La_{0.80}Pr_{0.20})_(0.85)Ag_{0.15}MnO₃ Compounds
Ayas A. O., AKYOL M., CETIN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.6, pp.1649-1658, 2015 (SCI-Expanded)
- XXXVI. Reversibility in the adiabatic temperature-change of Pr_{0.73}Pb_{0.27}MnO₃
Cetin S. K., Acet M., EKİCİBİL A., Sarikurcu C., Kiymac K.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.565, pp.139-143, 2013 (SCI-Expanded)
- XXXVII. Magnetic Properties of Zn_{1-x}Ni_xO (0.25a parts per thousand currency signxa parts per thousand currency sign 0.50) Prepared by Solid-State Reactions

- EKİCİBİL A., Bulun G., Cetin S., Dikmen Z., Orhun O., Firat T., Kiymac K.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.2, pp.435-440, 2012 (SCI-Expanded)
- XXXVIII. The Structural, Superconducting and Transport Properties of the Compounds Y₃Ba₅Cu₈₀₁₈ and Y₃Ba₅Ca₂Cu₈₀₁₈**
 Ayas A. O., EKİCİBİL A., Cetin S. K., Coskun A., Er A. O., UFUKTEPE Y., Firat T., Kiymac K.
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, no.8, pp.2243-2252, 2011 (SCI-Expanded)
- XXXIX. Exploration of the superconducting properties of Y₃Ba₅Cu₈₀₁₈ with and without Ca doping by magnetic measurements**
 EKİCİBİL A., Cetin S. K., Ayas A. O., Coskun A., Firat T., Kiymac K.
 SOLID STATE SCIENCES, vol.13, no.11, pp.1954-1959, 2011 (SCI-Expanded)
- XL. Elaboration of the structural and physical characteristics: Ni-doped ZnO bulk samples prepared by solid state reactions**
 Bulun G., EKİCİBİL A., ÇETİN S., Demirdis S., Coskun A., Kiymac K.
 JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.13, pp.231-236, 2011 (SCI-Expanded)
- XLI. Morphological analyses of Hg_{1-x}HoxBa₂Ca₂Cu₃O_{8+y} (0.0 <= x <= 0.20) superconductors fabricated by sol-gel technique**
 Coskun A., EKİCİBİL A., Aslan H., ÇETİN S., Sarikurkcı C., Kiymac K.
 OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.4, no.11, pp.1756-1762, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. Effects of Mn-site doping on the magnetocaloric properties of La_{0.62}Bi_{0.05}Ca_{0.33}Mn_{1-x}R_xO₃ manganite system
 KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.
 Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.10, no.4, pp.1715-1724, 2022 (Peer-Reviewed Journal)
- II. Effects of copper substitution to Mn-site on magnetic and magnetocaloric properties of La_{0.7}Sr_{0.3}Mn_{1-x}Cu_xO₃ manganites
 KILIÇ ÇETİN S., AKÇA G., ASLAN M. S., EKİCİBİL A.
 Adiyaman Üniversitesi Fen Bilimleri Dergisi, vol.12, no.1, pp.142-161, 2022 (Peer-Reviewed Journal)
- III. Magnetic and Magnetocaloric Properties of 0.5La_{0.7}Ca_{0.2}Sr_{0.1}MnO₃/0.5La_{0.7}Te_{0.3}MnO₃ Composite
 Akça G., Kılıç Çetin S., EKİCİBİL A.
 CUMHURİYET SCIENCE JOURNAL, vol.41, no.1, pp.144-151, 2020 (Peer-Reviewed Journal)
- IV. The Investigation of Structural, Magnetic and Magnetocaloric Properties of (La_{0.9}Er_{0.1})_{0.85}K_{0.15}MnO₃ Manganite Compound
 AKÇA G., KILIÇ ÇETİN S.
 ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.34, no.1, pp.139-144, 2019 (Peer-Reviewed Journal)
- V. Determination of Magnetocaloric Effect in La_{0.67}Ba_{0.33}MnO₃from Direct and Indirect Measurements
 KILIÇ ÇETİN S., EKİCİBİL A.
 Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 2017 (Peer-Reviewed Journal)

Books

- I. Transport Properties of Superconducting Materials
 EKİCİBİL A., Karadağ F., Kılıç Çetin S., Ayaş A. O., Akça G., Akyol M., Kaya D.
 in: Superconducting Materials, Yassine Slimani, Essia Hannachi, Editor, Springer, London/Berlin , Singapore, pp.29-60, 2022

II. Transport Properties of Superconducting Materials

EKİCİBİL A., KARADAĞ F., KILIÇ ÇETİN S., AYAŞ A. O., AKÇA G., AKYOL M., KAYA D.

in: Superconducting Materials, Slimani Yassine, Hannachi Essia, Editor, Springer, Singapore, pp.29-60, 2022

Papers Published in Refereed Scientific Meetings

- I. **Magnetic entropy change in Bi-doped Nd_{0.55}Ca_{0.05}Ba_{0.40}Mn_{1-x}BixO₃ (x = 0 and 0.02) perovskite manganites**
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.
Middle East International Conference on Contemporary Scientific Studies-VIII, Adana, Turkey, 7 - 08 January 2023
- II. **Structural, Magnetic and Magnetocaloric Features of PrBa_{1-x}CaxMn₂₀₆ (0.0 ≤ x ≤ 0.3) Double Perovskite Manganite System**
Kandemir A., Akça G., Kılıç Çetin S., Ayaş A. O., Akyol M., Ekicibil A.
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Turkey, 14 - 16 December 2022, pp.135
- III. **INVESTIGATION OF MAGNETIC AND MAGNETOCALORIC PROPERTIES OF COMPOSITES CONSIST OF La-BASED MANGANITES**
Kılıç Çetin S., Akça G., Aslan M. S., Ekicibil A.
CUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 15 - 17 April 2022, pp.717
- IV. **Magnetic and magnetocaloric properties of Pr_{0.55}Ca_{0.05}Ba_{0.4}Mn_{1-x}BixO₃ (x:0, 0.02) manganites**
Akça G., Kılıç Çetin S., Ekicibil A.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Turkey, 15 - 17 December 2021, pp.96
- V. **Structural, Magnetic and Magnetocaloric Properties of PrBa_{0.5}Gd_{0.5}Mn₂₀₆ Compound**
Kandemir A., Ayaş A. O., Kılıç Çetin S., Akça G., Akyol M., Ekicibil A.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Turkey, 15 - 17 December 2021, pp.13
- VI. **Structural, magnetic and magnetocaloric properties of La_{0.85}Na_{0.15}Mn₂₀₆ manganite**
Aslan M. S., Kılıç Çetin S., Ekicibil A.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Turkey, 15 - 17 December 2021, pp.141
- VII. **Structural and Magnetic Properties with Magnetocaloric Effect in Pr(Ba_{1-x}Gdx)Mn₂₀₆ (x = 0.6, 0.7, and 1.0) Double Perovskite Manganite System**
Kandemir A., Kılıç Çetin S., Ayaş A. O., Akça G., Akyol M., Ekicibil A.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Turkey, 25 - 27 October 2021, pp.1
- VIII. **Increase in the relative cooling power of xLa_{0.67}Ca_{0.27}Sr_{0.06}Mn₂₀₃ / (1-x)La_{0.7}Sr_{0.3}Mn_{0.94}Ni_{0.06}O₃ Composites (x = 0.25, 0.50 and 0.75),**
KILIÇ ÇETİN S., AKÇA G., ASLAN M. S., EKİCİBİL A.
8th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2021), Elazığ, Turkey, 14 - 16 July 2021
- IX. **Increase in the relative cooling power of xLa_{0.67}Ca_{0.27}Sr_{0.06}Mn₂₀₃ / (1-x)La_{0.7}Sr_{0.3}Mn_{0.94}Ni_{0.06}O₃ Composites (x = 0.25, 0.50 and 0.75)**
Kılıç Çetin S., Akça G., Aslan M. S., Ekicibil A.
8th International Conference on Materials Science and Nanotechnology for Next Generation MSNG2021), Elazığ, Turkey, 14 - 16 July 2021, pp.80
- X. **Structural and Magnetic Properties with Magnetocaloric Effect in Pr(Gd_{1-x}Bax)Mn₂₀₆ Double Perovskite Manganite System**
Kandemir A., Kılıç Çetin S., Ayaş A. O., Akça G., Akyol M., Ekicibil A.

- XI. **Determination of Magnetocaloric Effect by Direct and Indirect Measurement Techniques**
KILIÇ ÇETİN S.
Cukurova 4th International Scientific Researches Conference, 21 - 23 February 2020
- XII. **Dependence of Magnetocaloric Effect on Average Ionic Radius of A-Site in Lanthanide Manganites**
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- LXXIX. **3d-Transition Metal Ni And Lantanit Gd Substituted Zn_{1-x}O_x Compounds: Structural And Magnetic Properties**
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Other Publications

- I. **Dalgalar ve Optik Laboratuvarı Deney Klavuzu**
UFUKTEPE Y., Topaklı H., Akgül F., Akgül G., KILIÇ ÇETİN S., AKÇA G., arlı E., baz z.
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- II. **Temel Elektronik Laboratuarı Deneyleri Föyü**
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Supported Projects

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

KARDAŞ G., KIZILDAĞ N., EKİCİBİL A., MERYEMOĞLU B., ÇALYAN U., TAKCI D. K., KILIÇ ÇETİN S., Project Supported by Higher Education Institutions, Çukurova Üniversitesi Merkezi Araştırma Laboratuvarının Güçlendirilmesi, 2018 - 2021

KARDAŞ G., KIZILDAĞ N., KILIÇ ÇETİN S., MERYEMOĞLU B., EKİCİBİL A., TAKCI D. K., ÇALYAN U., Project Supported by Higher Education Institutions, Çukurova Üniversitesi Merkezi Araştırma Laboratuvarındaki Sıvı Azot Üretim Cihazının Kapasite ve Depolama Hacminin Arttırılması ve Sıvı Azot Üretim Laboratuvarının Geliştirilmesi, 2017 - 2021

Kılıç Çetin S., TUBITAK Project, Manyetik Soğutma Sistemlerinde Kullanıma Aday Kompozit Manganit Bileşiklerin Üretimi, Karakterizasyonu Ve Manyetokalorik Özelliklerinin İncelenmesi, 2019 - 2020

EKİCİBİL A., KILIÇ S., AKÇA G., AYAŞ A. O., AKYOL M., KARADAĞ F., Project Supported by Higher Education Institutions, A bölgесine Tellür Te katkılı ve B bölgесine Rutenyum Ru katkılı manganit bileşiklerin yapısal manyetik ve manyetokalorik özelliklerinin incelenmesi, 2015 - 2019

MERYEMOĞLU B., KILIÇ ÇETİN S., KIZILDAĞ N., Project Supported by Higher Education Institutions, Sorgum hidrolizatlarının fenolik içeriklerinin belirlenmesi ve gazlaştırmaya etkisi, 2017 - 2018

KILIÇ ÇETİN S., MERYEMOĞLU B., KIZILDAĞ N., Project Supported by Higher Education Institutions, Ba-Katkılı Lantanit Manganit Bileşiklerinin Manyetik ve Manyetokalorik Özelliklerinin İncelenmesi, 2016 - 2017

KIZILDAĞ ÖZDAL N., KILIÇ S., MERYEMOĞLU B., Project Supported by Higher Education Institutions, Anız yakmanın toprak organik madde mineralizasyonuna etkileri, 2016 - 2017

MERYEMOĞLU B., KILIÇ S., KIZILDAĞ N., Project Supported by Higher Education Institutions, Kenaf Hidrolizatlarının Toprak Verimliliğine ve Fasulye Bitkisi Gelişimine Etkisi, 2016 - 2016

Peer Reviews in Scientific Publications

APPLIED PHYSICS LETTERS, SCI Journal, November 2015
Journal of Applied Physics, SCI Journal, December 2014
APPLIED PHYSICS LETTERS, SCI Journal, August 2014
Journal of Applied Physics, SCI Journal, April 2014
APPLIED PHYSICS LETTERS, SCI Journal, November 2013
Journal of Thermal Analysis and Calorimetry, SCI Journal, October 2013
Journal of Thermal Analysis and Calorimetry, SCI Journal, September 2013

Metrics

Publication: 131
Citation (WoS): 233
Citation (Scopus): 259
H-Index (WoS): 9
H-Index (Scopus): 10

Congress and Symposium Activities

9th International Conference on Magnetic and Superconducting Materials (MSM15), Attendee, Antalya, Turkey, 2015
Joint European Magnetic Symposia, Attendee, Parma, Italy, 2012
Turkish Physical Society, 27.International Physics Congress, Attendee, İstanbul, Turkey, 2010
Supersolid 2008, The Abdus Salam International Centre for Theoretical Physics, Attendee, Trieste, Italy, 2008

Scholarships

Yurt Dışı Doktora Araştırma Bursu, YOK, 2011 - Continues

Scholarship award, University, 2008 - Continues

Yurt İçi Yüksek Lisans Bursu, TUBITAK, 2007 - Continues

Awards

Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, May 2019

Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, March 2018

Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, August 2017

Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, August 2016

KILIÇ ÇETİN S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, December 2015

KILIÇ ÇETİN S., Uluslararası Yayınları Teşvik Ödülü, TÜBİTAK, January 2013

KILIÇ ÇETİN S., Uluslararası Yayınları Teşvik Ödülü, TÜBİTAK, March 2011

KILIÇ ÇETİN S., Fakülte İkinciliği, Balıkesir Üniversitesi, June 2006

KILIÇ ÇETİN S., Bölüm Birinciliği (Fizik Anabilim Dalı), Balıkesir Üniversitesi, June 2006

Non Academic Experience

Duisburg Essen University - ALMANYA, Misafir Araştırmacı