

## Assoc. Prof. SELDA KILIÇ ÇETİN

### Personal Information

**Office Phone:** [+90 322 338 6084](tel:+903223386084) Extension: 4615

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

**Web:** <https://avesis.cu.edu.tr//kilics>

### International Researcher IDs

ORCID: 0000-0003-4112-4475

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

Yoksis Researcher ID: 129798

### 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, (La1-xREx)<sub>0.67</sub>Pb<sub>0.33</sub>MnO<sub>3</sub> (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, Rektörlük, Rektörlük, 2018 - 2021  
Expert PhD, Cukurova University, Rektörlük, Rektörlük, 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. **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)
- II. **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)
- III. **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)
- IV. **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., Ekicibil A.  
JOURNAL OF SOLID STATE CHEMISTRY, vol.324, pp.1-13, 2023 (SCI-Expanded)
- V. **Magnetic refrigeration: Current progress in magnetocaloric properties of perovskite manganite materials**  
Ayaş A. O., Çetin S., Akça G., Akyol M., Ekicibil A.  
MATERIALS TODAY COMMUNICATIONS, vol.35, pp.1-17, 2023 (SCI-Expanded)
- VI. **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)
- VII. **Large magnetocaloric effect in La-based manganite composites near room temperature**  
Kılıç Çetin S., Akça G., Ekicibil A.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.147, no.23, pp.13073-13087, 2022 (SCI-Expanded)
- VIII. **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)
- IX. **The investigation of the effect of K doping on the structural, magnetic, and magnetocaloric properties of  $\text{La}_{1.4-x}\text{K}_x\text{Ca}_{1.6}\text{Mn}_2\text{O}_7$  ( $0.0 \leq x \leq 0.4$ ) 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)
- X. **Investigation of the effect of sintering temperature on structural, magnetic and magnetocaloric properties in  $\text{PrCaMn}_2\text{O}_6$  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)
- XI. **Energy storage performance of  $\text{LiV}_3\text{O}_8$ /water-in-salt electrolyte/ $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$  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)
- XII. **Energy storage performance of  $\text{LiV}_3\text{O}_8$ /water-in-salt electrolyte/ $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$  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)

XIII. **Effect of Sintering Time on the Crystallisation, Morphology, Structure, Electric, Magnetic and Magnetocaloric Properties of  $\text{La}_{0.80}\text{Ag}_{0.20}\text{MnO}_3$**

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)

XIV. **Characterization of multilayer Al doping in  $\text{ZnO}$**

ŞENADIM TÜZEMEN E., Muğlu 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)

XV. **The effect of Ni-substitution with Mn on electrical, magnetic and magnetocaloric properties in  $\text{Pr}_{0.67}\text{Ba}_{0.22}\text{Sr}_{0.11}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$  manganites**

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)

XVI. **Role of nickel doping on magnetocaloric properties of  $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$  manganites**

Cetin S. K., AKÇA G., Aslan M. S., EKİCİBİL A.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.8, pp.10458-10472, 2021 (SCI-Expanded)

XVII. **Direct measurement of adiabatic temperature change in  $(\text{La}_{0.7}\text{Sm}_{0.3})(\text{O}_{0.67})\text{Ba}_{0.33}\text{MnO}_3$**

KILIÇ ÇETİN S.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.15, pp.12842-12847, 2020 (SCI-Expanded)

XVIII. **Composite  $x\text{La}_{(0.7)}\text{Ca}_{(0.2)}\text{Sr}_{(0.1)}\text{MnO}_3 / (1-x)\text{La}_{0.7}\text{Te}_{0.3}\text{MnO}_3$  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)

XIX. **Reversible Magnetocaloric Effect of  $(\text{La}_{0.8}\text{Pr}_{0.2})(\text{O}_{0.67})\text{Ba}_{0.33}\text{MnO}_3$  from Direct Measurements**

Cetin S.

JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.3, pp.683-691, 2020 (SCI-Expanded)

XX. **Structural, Magnetic, and Magnetocaloric Properties of Pb-Substituted  $\text{La}_{0.7}(\text{Te}_{1-x}\text{Pb}_x)(\text{O}_{0.3})\text{MnO}_3$  ( $0.0 \leq x \leq 0.3$ ) 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)

XXI. **Effect of B site partial Ru substitution on structural magnetic and magnetocaloric properties in  $\text{La}_{0.7}\text{Pb}_{0.3}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$  ( $x=0.0, 0.1$  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)

XXII. **Impact of small Er rare earth element substitution on magnetocaloric properties of  $(\text{La}_{0.9}\text{Er}_{0.1})\text{Pb}_{0.33}\text{MnO}_3$  perovskite**

Cetin S., Akça G., Ekicibil A.

JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)

XXIII. **Impact of small Er rare earth element substitution on magnetocaloric properties of  $(\text{La}_{0.9}\text{Er}_{0.1})\text{Pb}_{0.33}\text{MnO}_3$  perovskite**

KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.

JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)

XXIV. **Effect of Pr-substitution on the structural, magnetic and magnetocaloric properties of  $(\text{La}_{1-x}\text{Pr}_x)(\text{O}_{0.67})\text{Pb}_{0.33}\text{MnO}_3$  ( $0.0 \leq x \leq 0.3$ ) manganites**

Cetin S. K., Acet M., EKİCİBİL A.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.727, pp.1253-1262, 2017 (SCI-Expanded)

- XXV. **Structural, magnetic and magnetocaloric properties of  $(\text{La}_{1-x}\text{Sm}_x)(0.85)\text{K}_{0.15}\text{MnO}_3$  ( $x=0.0, 0.1, 0.2$  and  $0.3$ ) perovskite manganites**  
AKÇA G., Cetin S. K., EKİCİBİL A.  
CERAMICS INTERNATIONAL, vol.43, no.17, pp.15811-15820, 2017 (SCI-Expanded)
- XXVI. **Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of  $\text{Pr}_{0.85}\text{A}_{0.15}\text{MnO}_3$  ( $\text{A} = \text{Ag}$  and  $\text{K}$ ) 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)
- XXVII. **Room temperature magnetocaloric effect in  $\text{Pr}_{1.75}\text{Sr}_{1.25}\text{Mn}_2\text{O}_7$  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)
- XXVIII. **Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of  $\text{Pr}_{0.85}\text{A}_{0.15}\text{MnO}_3$  ( $\text{A} = \text{Ag}$  and  $\text{K}$ ) 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)
- XXIX. **Magnetocaloric properties of  $(\text{La}_{1-x}\text{Pr}_x)(0.85)\text{K}_{0.15}\text{MnO}_3$  ( $x=0.0, 0.1, 0.3$  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)
- XXX. **Microstructural and magnetic properties of  $\text{A}(x):\text{Zn}_{1-x}\text{O}$  ( $\text{A}=\text{Mn}, \text{Gd}$  and  $\text{Mn/Gd}$ ) nanocrystals**  
AKYOL M., Cetin S., EKİCİBİL A.  
PHILOSOPHICAL MAGAZINE, vol.96, no.1, pp.31-44, 2016 (SCI-Expanded)
- XXXI. **Magnetocaloric effect in  $(\text{La}_{1-x}\text{Sm}_x)(0.67)\text{Pb}_{0.33}\text{MnO}_3$  ( $0 \leq x \leq 0.3$ ) 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)
- XXXII. **Effect of Ca doping on thermally activated flux flow in the  $\text{Y}_3\text{Ba}_5\text{Cu}_8\text{O}_{18}$  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)
- XXXIII. **Magnetocaloric Properties of  $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$  and  $(\text{La}_{0.80}\text{Pr}_{0.20})(0.85)\text{Ag}_{0.15}\text{MnO}_3$  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)
- XXXIV. **Reversibility in the adiabatic temperature-change of  $\text{Pr}_{0.73}\text{Pb}_{0.27}\text{MnO}_3$**   
Cetin S. K., Acet M., EKİCİBİL A., Sarikurkcu C., Kiymac K.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.565, pp.139-143, 2013 (SCI-Expanded)
- XXXV. **Magnetic Properties of  $\text{Zn}_{1-x}\text{Ni}_x\text{O}$  (0.25a parts per thousand currency sign  $x$  a 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)
- XXXVI. **The Structural, Superconducting and Transport Properties of the Compounds  $\text{Y}_3\text{Ba}_5\text{Cu}_8\text{O}_{18}$  and  $\text{Y}_3\text{Ba}_5\text{Ca}_2\text{Cu}_8\text{O}_{18}$**   
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)
- XXXVII. **Exploration of the superconducting properties of  $\text{Y}_3\text{Ba}_5\text{Cu}_8\text{O}_{18}$  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)
- XXXVIII. **Elaboration of the structural and physical characteristics: Ni-doped  $\text{ZnO}$  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)
- XXXIX. **Morphological analyses of  $Hg_{1-x}Ho_xBa_2Ca_2Cu_3O_{8+y}$  ( $0.0 \leq x \leq 0.20$ ) superconductors fabricated by sol-gel technique**  
Coskun A., EKİCİBİL A., Aslan H., ÇETİN S., Sarikurkcü C., Kıymac 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  $La_{0.62}Bi_{0.05}Ca_{0.33}Mn_{1-x}Ru_xO_3$  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  $La_{0.7}Sr_{0.3}Mn_{1-x}Cu_xO_3$  manganites**  
KILIÇ ÇETİN S., AKÇA G., ASLAN M. S., EKİCİBİL A.  
Adıyaman Üniversitesi Fen Bilimleri Dergisi, vol.12, no.1, pp.142-161, 2022 (Peer-Reviewed Journal)
- III. **Magnetic and Magnetocaloric Properties of  $0.5La_{0.7}Ca_{0.2}Sr_{0.1}MnO_3/0.5La_{0.7}Te_{0.3}MnO_3$  Composite**  
Akça G., Kılıç Çetin S., Ekicibil 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  $(La_{0.9}Er_{0.1})_{0.85}K_{0.15}MnO_3$  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  $La_{0.67}Ba_{0.33}MnO_3$  from Direct and Indirect Measurements**  
KILIÇ ÇETİN S., EKİCİBİL A.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 2017 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Transport Properties of Superconducting Materials**  
Ekicibil A., Karadağ F., Kiliç 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., AYAS A. O., AKÇA G., AKYOL M., KAYA D.  
in: Superconducting Materials, Slimani Yassine, Hannachi Essia, Editor, Springer, Singapore, pp.29-60, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. **Magnetic entropy change in Bi-doped  $Nd_{0.55}Ca_{0.05}Ba_{0.40}Mn_{1-x}Bi_xO_3$  ( $x = 0$  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  $PrBa_{1-x}Ca_xMn_2O_6$  ( $0.0 \leq x \leq 0.3$ ) 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  $\text{Pr}_{0.55}\text{Ca}_{0.05}\text{Ba}_{0.4}\text{Mn}_{1-x}\text{Bi}_x\text{O}_3$  ( $x:0, 0.02$ ) 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  $\text{PrBa}_{0.5}\text{Gd}_{0.5}\text{Mn}_2\text{O}_6$  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  $\text{La}_{0.85}\text{Na}_{0.15}\text{MnO}_3$  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  $\text{Pr}(\text{Ba}_{1-x}\text{Gd}_x)\text{Mn}_2\text{O}_6$  ( $x = 0.6, 0.7,$  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  $x\text{La}_{0.67}\text{Ca}_{0.27}\text{Sr}_{0.06}\text{MnO}_3 / (1-x)\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.94}\text{Ni}_{0.06}\text{O}_3$  Composites ( $x = 0.25, 0.50$  and  $0.75$ ),**  
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  $x\text{La}_{0.67}\text{Ca}_{0.27}\text{Sr}_{0.06}\text{MnO}_3 / (1-x)\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.94}\text{Ni}_{0.06}\text{O}_3$  Composites ( $x = 0.25, 0.50$  and  $0.75$ )**  
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  $\text{Pr}(\text{Gd}_{1-x}\text{Ba}_x)\text{Mn}_2\text{O}_6$  Double Perovskite Manganite System**  
Kandemir A., Kılıç Çetin S., Ayaş A. O., Akça G., Akyol M., Ekicibil A.  
8th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2021), Elazığ, Turkey, 14 - 16 July 2021, pp.41
- 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**  
KILIÇ ÇETİN S.  
ULUSLARARASI 5 OCAK UYGULAMALI BİLİMLER KONGRESİ, 3 - 05 January 2020
- XIII. **Investigation of Magnetic and Magnetocaloric properties of  $\text{Pr}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$  Manganite**  
KILIÇ ÇETİN S.  
3. International Mersin Symposium, 31 October - 02 November 2019
- XIV. **Magnetocaloric Effect in Er-Substituted ( $\text{La}_{1-x}\text{Er}_x$ ) $\text{O}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$  manganites**  
KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.

6th International conference on materials science and nanotechnology for next generation (MSNG2019), Niğde, Turkey, 16 - 19 October 2019, pp.80

- XV. **Magnetocaloric properties of  $x\text{La}_{0.7}\text{Ca}_{0.2}\text{Sr}_{0.1}\text{MnO}_3 / (1-x)\text{La}_{0.7}\text{Te}_{0.3}\text{MnO}_3$  composites**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
6th International conference on materials science and nanotechnology for next generation (MSNG2019), Niğde, Turkey, 16 - 19 October 2019, pp.69
- XVI. **Determination of the Nature of Magnetic Phase Transition in Some Magnetocaloric Manganites Using Different Methods**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND MATERIAL, Adana, Turkey, 14 - 19 October 2019, pp.52
- XVII. **Structural, magnetic and magnetocaloric properties of  $(\text{La}_{0.8}\text{Pr}_{0.2})_{0.85}\text{K}_{0.15}\text{MnO}_3$  manganite compound**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
5th International conference on materials science and nanotechnology for next generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018
- XVIII. **Structural, magnetic and magnetocaloric properties of  $\text{La}_{0.7}\text{Ca}_{0.2}\text{Sr}_{0.1}\text{MnO}_3$  manganite**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
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
- XIX. **Magnetic and Magnetocaloric Properties of  $\text{La}_{0.7}\text{Ca}_{0.2}\text{Sr}_{0.1}\text{MnO}_3$  Manganite**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
th International conference on materials science and nanotechnology for next generation (MSNG2018), Nevşehir, Turkey, 4 October - 29 September 2018, pp.47
- XX. **Magnetic and Magnetocaloric Properties of Er-doped  $(\text{La}_{0.9}\text{Er}_{0.1})_{0.67}\text{Pb}_{0.33}\text{MnO}_3$  Perovskite**  
KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.  
5th International conference on materials science and nanotechnology for next generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.231
- XXI. **Structural, magnetic and magnetocaloric properties of  $(\text{La}_{0.8}\text{Pr}_{0.2})_{0.85}\text{K}_{0.15}\text{MnO}_3$  manganite compound**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
5th International conference on materials science and nanotechnology for next generation (MSNG2018), Nevşehir, Turkey, 4 October - 06 November 2018, pp.1
- XXII. **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
- XXIII. **Magnetic Properties of Perovskite  $(\text{La}_{0.9}\text{Dy}_{0.1})_{0.85}\text{Ag}_{0.15}\text{MnO}_3$  Compound**  
Ayaş A. O., Akyol M., Kılıç Çetin S., Akça G., Ekicibil A.  
5.th International Conference on Materials Science and Nanotechnology for Next Generation, Nevşehir, Turkey, 4 - 06 June 2018
- XXIV. **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
- XXV. **Magnetocaloric properties of  $(\text{La}_{0.9}\text{Er}_{0.1})_{0.85}\text{K}_{0.15}\text{MnO}_3$  manganite**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
International Conference on Condensed Matter and Material Sciences, Adana, Turkey, 11 - 15 October 2017, pp.1
- XXVI. **Direct and Indirect Measurement of Magnetocaloric Effect in  $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$**   
KILIÇ ÇETİN S., EKİCİBİL A.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.123

- XXVII. **The effect of monovalent Ag and K cation on the magnetocaloric properties in (La<sub>0.9</sub>Pr<sub>0.1</sub>)<sub>0.85</sub>A<sub>0.15</sub>MnO<sub>3</sub> manganites (A= Ag,K)**  
AKÇA G., Ayas A. O., KILIÇ ÇETİN S., AKYOL M., EKİCİBİL A.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- XXVIII. **Magnetocaloric properties of (La<sub>0.9</sub>Sm<sub>0.1</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> manganite**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- XXIX. **The Effect of Irrigation with Biomass Hydrolysates on Soil**  
MERYEMOĞLU B., KIZILDAĞ N., KILIÇ ÇETİN S.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.2416
- XXX. **Influence of rare earth ion doping on the structural, magnetic and magnetocaloric properties of (La<sub>1-x</sub>RE<sub>x</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> (x = 0 and 0.1; RE: Pr and Sm) manganites**  
EKİCİBİL A., AKÇA G., KILIÇ ÇETİN S.  
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2016), Antalya, Turkey, 19 - 24 October 2016, pp.1
- XXXI. **Influence of rare earth ion doping on the structural, magnetic and magnetocaloric properties of (La<sub>1-x</sub>RE<sub>x</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> (x = 0 and 0.1; RE: Pr and Sm) manganites**  
EKİCİBİL A., AKÇA G., KILIÇ ÇETİN S.  
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2016), Antalya, Turkey, 19 - 24 October 2016, pp.1
- XXXII. **Magnetic and Magnetocaloric Properties of (La<sub>0.9</sub>Er<sub>0.1</sub>)<sub>0.67</sub>Ba<sub>0.33</sub>MnO<sub>3</sub> Perovskite Manganite**  
KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.  
2ND INTERNATIONAL CONGRESS ON THE WORLD OF TECHNOLOGY AND ADVANCED MATERIALS, Kırşehir, Turkey, 28 September - 02 October 2016, vol.1, no.1, pp.1
- XXXIII. **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
- XXXIV. **(La<sub>1-x</sub>Sm<sub>x</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> Manganites: The Magnetic and Magnetocaloric Properties**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
2ND INTERNATIONAL CONGRESS ON THE WORLD OF TECHNOLOGY AND ADVANCED MATERIALS, Kırşehir, Turkey, 28 September - 02 October 2016, vol.1, no.1, pp.1
- XXXV. **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
- XXXVI. **(La<sub>1-x</sub>Sm<sub>x</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> Manganites: The Magnetic and Magnetocaloric Properties**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
2ND INTERNATIONAL CONGRESS ON THE WORLD OF TECHNOLOGY AND ADVANCED MATERIALS, Kırşehir, Turkey, 28 September - 02 October 2016, vol.1, no.1, pp.1
- XXXVII. **THE EFFECT OF Pr SUBSTITUTION ON THE MAGNETIC AND MAGNETOCALORIC PROPERTIES OF (La<sub>1-x</sub>Pr<sub>x</sub>)<sub>0.67</sub>Pb<sub>0.33</sub>MnO<sub>3</sub> 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
- XXXVIII. **THE STRUCTURAL, MAGNETIC AND MAGNETOCALORIC PROPERTIES OF Pr<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> COMPOUND**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1



- XXXIX. **INDIRECT MEASUREMENT OF THE MAGNETOCALORIC EFFECT IN  $(La_{0.9}Pr_{0.1})_{0.85}K_{0.15}MnO_3$  MANGANITE**  
Akça G., Kılıç Çetin S., Ekicibil A.  
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1
- XL. **THE STRUCTURAL, MAGNETIC AND MAGNETOCALORIC PROPERTIES OF  $Pr_{0.85}K_{0.15}MnO_3$  COMPOUND**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1
- XLI. **Indirect Measurement of the Magnetocaloric Effect in  $(La_{0.9}Pr_{0.1})_{0.85}K_{0.15}MnO_3$  Manganite**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016
- XLII. **INDIRECT MEASUREMENT OF THE MAGNETOCALORIC EFFECT IN  $(La_{0.9}Pr_{0.1})_{0.85}K_{0.15}MnO_3$  MANGANITE**  
AKÇA G., EKİCİBİL A., KILIÇ ÇETİN S.  
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1
- XLIII. **DIRECT MEASUREMENT OF MAGNETOCALORIC EFFECT IN  $(La_{0.7}Sm_{0.3})_{0.67}Ba_{0.33}MnO_3$  PEROVSKITE**  
KILIÇ ÇETİN S., EKİCİBİL A.  
Turkish Physical society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, vol.1, no.1, pp.151
- XLIV. **THE EFFECT OF Pr SUBSTITUTION ON THE MAGNETIC AND MAGNETOCALORIC PROPERTIES OF  $(La_{1-x}Pr_x)_{0.67}Pb_{0.33}MnO_3$  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
- XLV. **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
- XLVI.  **$(La_{1-x}Pr_x)_{0.85}K_{0.15}MnO_3$  ( $x = 0, 0.1, 0.2$  ve  $0.3$ ) Manganitlerinin Yapısal, Manyetik ve Manyetokalorik Özelliklerinin Araştırılması**  
AKÇA G., KILIÇ S., EKİCİBİL A.  
YMF21 21.Yoğun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 25 December 2015, vol.1, pp.52
- XLVII.  **$La_{1-x}Sm_x$   $0.67Pb_{0.33}MnO_3$   $0 < x < 0.3$  Manganitlerinde Sm Katkılmasının Manyetik ve Manyetokalorik Özelliklere Etkisi**  
KILIÇ ÇETİN S., EKİCİBİL A., Acet M.  
Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 25 December 2015
- XLVIII. **La ile Pr Yer Değiştirmesinin,  $(La_{1-x}Pr_x)_{0.85}Ag_{0.15}MnO_3$  ( $x = 0, 0.1$  ve  $0.2$ ) Perovskit Manganitlerinin Yapısal, Manyetik ve Manyetokalorik Özellikleri Üzerine Etkisi**  
Ayas A. O., AKYOL M., KILIÇ S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.  
YMF21-21.Yoğun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 25 December 2015, vol.1, pp.49
- XLIX. **La ile Pr Yer Değiştirmesinin,  $(La_{1-x}Pr_x)_{0.85}Ag_{0.15}MnO_3$  ( $x = 0, 0.1$  ve  $0.2$ ) Perovskit Manganitlerinin Yapısal, Manyetik ve Manyetokalorik Özellikleri Üzerine Etkisi**  
Ayas A. O., AKYOL M., KILIÇ S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.  
YMF21-21.Yoğun Madde Fiziği Ankara Toplantısı, Adana, Turkey, 25 December 2015, vol.1, pp.49
- L. **La ile Pr Yer Değiştirmesinin  $La_{1-x}Pr_x$   $0.85Ag_{0.15}MnO_3$   $x = 0, 0.1$  ve  $0.2$  Perovskit Manganitlerinin Yapısal Manyetik ve Manyetokalorik Özellikleri Üzerine Etkisi**  
AKÇA G., KILIÇ ÇETİN S., AKYOL M., AYAŞ A. O., EKİCİBİL A., ÖZÇELİK B.  
Ankara 21. Yoğun Madde Fiziği Toplantısı, Turkey, 25 December 2015
- LI. **Investigation of structural, magnetic and magnetocaloric properties of  $(La_{1-x}Pr_x)_{0.85}Ag_{0.15}MnO_3$  ( $x = 0.0, 0.2$ )**

AYAŞ A. O., AKYOL M., KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.

20th International Conference on Magnetism, Barcelona, Spain, 5 - 10 July 2015

- LII. **Investigation of structural, magnetic and magnetocaloric properties of  $(\text{La}_{1-x}\text{Pr}_x)\text{0.85Ag0.15MnO}_3$  ( $x = 0.0, 0.2$ ) perovskites**  
Ayaş A. O., AKYOL M., KILIÇ S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.  
20th International Conference on Magnetism, Barcelona, Barcelona, Spain, 5 - 10 July 2015, pp.1
- LIII. **Comparison of Magnetocaloric Effect in  $(\text{La}_{0.7}\text{Sm}_{0.3})\text{0.67Pb0.33MnO}_3$  from Direct and Indirect Measurements**  
Kılıç S., Ekicibil A., Güneş M., Acet M., Farle M.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.285
- LIV. **The structural, magnetic and magnetocaloric properties of  $\text{Pr}_{0.85}\text{A}_{0.15}\text{MnO}_3$  (A = K and Ag) manganites?**  
Akça G., Ayaş A. O., Kılıç S., Akyol M., Ekicibil A.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.1
- LV. **Investigation of Structural Properties and Magnetocaloric Effect of  $\text{Pr}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$  Perovskite Compound**  
Ayaş A. O., AKYOL M., KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 05 May 2015, vol.1, no.1, pp.45
- LVI. **Investigation of structural properties and magnetocaloriceffect of  $\text{Pr}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$  Perovskite Compound**  
Ayaş A. O., Akyol M., Kılıç S., Akça G., Ekicibil A., Özçelik B.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.1
- LVII. **Microstructural and magnetic properties of Mn/Gd-substituted ZnO?**  
AKYOL M., KILIÇ S., EKİCİBİL A.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.1
- LVIII. **The structural, magnetic and magnetocaloric properties of  $\text{Pr}_{0.85}\text{A}_{0.15}\text{MnO}_3$  (A = K and Ag) manganites**  
Akça G., Ayaş A. O., Kılıç S., Akyol M., Ekicibil A.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.1
- LIX. **?Investigation of structural properties and magnetocaloriceffect of  $\text{Pr}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$  Perovskite Compound"**  
Ayaş A. O., AKYOL M., KILIÇ S., AKÇA G., EKİCİBİL A.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.1
- LX. **Microstructural and magnetic properties of Mn/Gd-substituted ZnO**  
Akyol M., Kılıç S., Ekicibil A.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.1
- LXI. **The structural, magnetic and magnetocaloric properties of  $\text{La}_{0.85}\text{K}_{0.15}\text{MnO}_3$  and  $(\text{La}_{0.9}\text{Pr}_{0.1})\text{0.85K}_{0.15}\text{MnO}_3$  manganites**  
AKÇA G., KILIÇ S., EKİCİBİL A.  
9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015, pp.285
- LXII. **Comparison of Magnetocaloric Effect in  $\text{La}_{0.7}\text{Sm}_{0.3}\text{0.67Pb}_{0.33}\text{MnO}_3$  from Direct and Indirect Measurements**

- KILIÇ ÇETİN S., EKİCİBİL A., GÜNEŞ M., Acet M., Farle M.  
9th International Conference on Magnetic and Superconducting Materials, 30 April - 03 May 2015
- LXIII. **Temperature and field dependence of thermally activated flux flow resistance in the Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Superconductors**  
Ayaş A. O., AKYOL M., KILIÇ S., AKÇA G., EKİCİBİL A., Kiymac K.  
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- LXIV. **Temperature and field dependence of thermally activated flux flow resistance in the Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Superconductors**  
Ayas A. O., AKYOL M., Cetin S. K., Akça G., EKİCİBİL A., Kiymac K., KILIÇ S.  
7th Asian Conference on Applied Superconductivity and Cryogenics, Nevşehir, Turkey, 23 October 2013, vol.1, no.2, pp.1
- LXV. **Exploration of Thermally Activated Flux Flow in the Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Superconductors**  
Ayaş A. O., AKYOL M., EKİCİBİL A., Kiymac K., KILIÇ S., AKÇA G.  
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- LXVI. **Exploration of Thermally Activated Flux Flow in the Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Superconductors**  
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- LXVII. **Magnetic and Magnetocaloric Properties of Pr0.67Pb0.33MnO3**  
KILIÇ S., Acet M., EKİCİBİL A., Sarıkürkcü C., Kiymac K.  
JEMS2012, Parma, Italy, 3 - 08 September 2012, pp.1
- LXVIII. **Magnetic Properties of Zn1-xNixO (0.25 < x < 0.50) Prepared By Solid-State Reactions**  
Bulun G., EKİCİBİL A., Cetin S. K., Fırat T., Kiymac K., KILIÇ S.  
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- LXIX. **Thermally Activated Flux Creep And Pinning Energy Of The Compounds Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18**  
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- LXX. **AC-Susceptibility And Critical Current Densities of Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18**  
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- LXXII. **AC-Susceptibility And Critical Current Densities of Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18**  
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AKYOL M., EKİCİBİL A., Kiymac K., KILIÇ S.  
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- LXXV. **Superconducting and transport properties of Y3Ba5Cu8Ox and Y3Ca2Ba5Cu8Ox prepared by sol-gel method**  
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- LXXVII. **Structural And Superconducting Properties Of Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Systems**  
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- LXXVIII. **3d-Transition Metal Ni And Lantanit Gd Substituted Zn1-xOx Compounds: Structural And Magnetic Properties**  
EKİCİBİL A., Bulun G., KILIÇ S., Demirdiş S., Coşkun A., Kiymac K.  
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EKİCİBİL A., Bulun G., Cetin S. K., Demirdis S., Coskun A., Kiymac K., KILIÇ S.  
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- LXXX. **Structural And Superconducting Properties Of Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Systems**  
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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.  
Experiment, pp.50, 2010
- II. **Temel Elektronik Laboratuvarı Deneyleri Föyü**  
Karakılıç M., KILIÇ S., AKYOL M., Baz Z.  
Experiment, pp.1, 2010

## 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

bölgesine Tellür Te katkılı ve B bölgesine 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

## Scientific Refereeing

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: 129

Citation (WoS): 227

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

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

## Scholarships

Yurt Dışı Doktora Araştırma Bursu, YOK, 2011 - Continues

Scholarship award, University, 2008 - Continues

Yurt İçi Yüksek Lisans Bursu, TÜBİTAK, 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