

## Assoc. Prof. SELDA KILIÇ ÇETİN

### Personal Information

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### International Researcher IDs

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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, Balıkesir 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)0.67Pb0.33MnO3 (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. **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)
- II. **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)
- III. **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)
- IV. **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)
- V. **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., Ekicibil A., Coşkun A.  
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, pp.1-15, 2023 (SCI-Expanded)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)

- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **Direct measurement of adiabatic temperature change in  $(\text{La}_{0.7}\text{Sm}_{0.3})(0.67)\text{Ba}_{0.33}\text{MnO}_3$**   
 KILIÇ ÇETİN S.  
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.15, pp.12842-12847, 2020 (SCI-Expanded)
- XVI. **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)
- XVII. **Reversible Magnetocaloric Effect of  $(\text{La}_{0.8}\text{Pr}_{0.2})(0.67)\text{Ba}_{0.33}\text{MnO}_3$  from Direct Measurements**  
 Cetin S.  
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.3, pp.683-691, 2020 (SCI-Expanded)
- XVIII. **Structural, Magnetic, and Magnetocaloric Properties of Pb-Substituted  $\text{La}_{0.7}(\text{Te}_{1-x}\text{Pb}_x)(0.3)\text{MnO}_3$  ( $0.0 \leq x \leq 0.3$ ) 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)
- XIX. **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)
- XX. **Impact of small Er rare earth element substitution on magnetocaloric properties of  $(\text{La}_{0.9}\text{Er}_{0.1})(0.6)\text{Pb}_{0.33}\text{MnO}_3$  perovskite**  
 Cetin S., Akça G., Ekicibil A.  
 JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)
- XXI. **Impact of small Er rare earth element substitution on magnetocaloric properties of  $(\text{La}_{0.9}\text{Er}_{0.1})_{0.67}\text{Pb}_{0.33}\text{MnO}_3$  perovskite**  
 KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.  
 JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)
- XXII. **Effect of Pr-substitution on the structural, magnetic and magnetocaloric properties of  $(\text{La}_{1-x}\text{Pr}_x)(0.67)\text{Pb}_{0.33}\text{MnO}_3$  ( $0.0 \leq x \leq 0.3$ ) manganites**  
 Cetin S. K., Acet M., EKİCİBİL A.  
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.727, pp.1253-1262, 2017 (SCI-Expanded)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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., EKİCİBİL A.  
 CERAMICS INTERNATIONAL, vol.42, no.16, pp.19097-19104, 2016 (SCI-Expanded)
- XXVII. **Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of  $\text{Pr}_{0.85}\text{A}_{0.15}\text{MnO}_3$  ( $A = \text{Ag}$  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)
- XXVIII. **Microstructural and magnetic properties of  $\text{A}(x):\text{Zn}_{1-x}\text{O}$  ( $A=\text{Mn}, \text{Gd}$  and  $\text{Mn/Gd}$ ) nanocrystals**  
 AKYOL M., Cetin S., EKİCİBİL A.  
 PHILOSOPHICAL MAGAZINE, vol.96, no.1, pp.31-44, 2016 (SCI-Expanded)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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., Sarikurkcü C., Kiymac K.  
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.565, pp.139-143, 2013 (SCI-Expanded)
- XXXIII. **Magnetic Properties of  $\text{Zn}_{1-x}\text{Ni}_x\text{O}$  (0.25a parts per thousand currency sign  $x$  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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **Morphological analyses of  $\text{Hg}_{1-x}\text{HoxBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+y}$  ( $0.0 \leq x \leq 0.20$ ) superconductors fabricated by sol-gel technique**  
 Coskun A., EKİCİBİL A., Aslan H., ÇETİN S., Sarikurkcü C., 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  $\text{La}_{0.62}\text{Bi}_{0.05}\text{Ca}_{0.33}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$  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  $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Cu}_x\text{O}_3$  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  $0.5\text{La}_{0.7}\text{Ca}_{0.2}\text{Sr}_{0.1}\text{MnO}_3/0.5\text{La}_{0.7}\text{Te}_{0.3}\text{MnO}_3$  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  $(\text{La}_{0.9}\text{Er}_{0.1})_{0.85}\text{K}_{0.15}\text{MnO}_3$  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  $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$  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., AYAŞ 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  $\text{Nd}_{0.55}\text{Ca}_{0.05}\text{Ba}_{0.40}\text{Mn}_{1-x}\text{Bi}_x\text{O}_3$  ( $x = 0$  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  $\text{PrBa}_{1-x}\text{Ca}_x\text{Mn}_2\text{O}_6$  ( $0.0 \leq x \leq 0.3$ ) 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.  
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**LVI. Investigation of structural properties and magnetocaloriceffect of  $\text{Pr}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$  Perovskite Compound**

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AKYOL M., KILIÇ S., EKİCİBİL A.

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**LVIII. The structural, magnetic and magnetocaloric properties of  $\text{Pr}_{0.85}\text{A}_{0.15}\text{MnO}_3$  (A = K and Ag) manganites**

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**LXII. Comparision of Magnetocaloric Effect in  $\text{La}_{0.7}\text{Sm}_{0.3}\text{O}_{6.7}\text{Pb}_{0.33}\text{MnO}_3$  from Direct and Indirect Measurements**

KILIÇ ÇETİN S., EKİCİBİL A., GÜNEŞ M., Acet M., Farle M.

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**LXIII. Temperature and field dependence of thermally activated flux flow resistance in the  $\text{Y}_3\text{Ba}_5\text{Cu}_8\text{O}_{18}$  and  $\text{Y}_3\text{Ba}_5\text{Ca}_2\text{Cu}_8\text{O}_{18}$  Superconductors**

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Ayas A. O., EKİCİBİL A., KILIÇ S., Kiymac K.

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**LXXII. AC-Susceptibility And Critical Current Densities of Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18**

EKİCİBİL A., Cetin S. K., Ayas A. O., Firat T., Kiymac K., KILIÇ S.

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**LXXIII. Structural And Magnetic Properties of Zn0.80-4yDyyOx (0.05 ≤ y ≤ 0.10) Bulk Samples Prepared By Solid State Reactions**

AKYOL M., EKİCİBİL A., Kiymac K., KILIÇ S.

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**LXXIV. Structural And Magnetic Properties of Zn0.80-4yDyyOx (0.05 ≤ y ≤ 0.10) Bulk Samples Prepared By Solid State Reactions**

AKYOL M., EKİCİBİL A., Cetin S. K., Kiymac K., KILIÇ S.

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**LXXV. Superconducting and transport properties of Y3Ba5Cu8Ox and Y3Ca2Ba5Cu8Ox prepared by sol-gel method**

Ayas A. O., EKİCİBİL A., Cetin S. K., Er A. O., UFUKTEPE Y., Kiymac K., KILIÇ S.

The MAR11 Meeting of The American Physical Society, Texas, United States Of America, 21 - 25 March 2011, vol.1, no.2, pp.1

**LXXVI. Superconducting and transport properties of Y3Ba5Cu8Ox and Y3Ca2Ba5Cu8Ox prepared by sol-gel**

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Ayaş A. O., EKİCİBİL A., KILIÇ S., Er A. O., Ufuktepe Y., Kiymac K.

The MAR11 Meeting of The American Physical Society, Texas, United States Of America, 3 - 05 March 2011, pp.1

LXXVII. **Structural And Superconducting Properties Of Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Systems**

KILIÇ S., Ayaş A. O., EKİCİBİL A., Coşkun A., Kiymac K.

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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.

Turkish Physical Society, 27. International Physics Congress, İstanbul, Turkey, 14 - 17 September 2010, pp.1

LXXIX. **3d-Transition Metal Ni And Lantanit Gd Substituted Zn1-xOx Compounds: Structural And Magnetic Properties**

EKİCİBİL A., Bulun G., Cetin S. K., Demirdis S., Coskun A., Kiymac K., KILIÇ S.

Turkish Physical Society, 27. International Physics Congress, İstanbul, Turkey, 14 - 17 September 2010, pp.1

LXXX. **Structural And Superconducting Properties Of Y3Ba5Cu8O18 and Y3Ba5Ca2Cu8O18 Systems**

Cetin S. K., Ayaş A. O., EKİCİBİL A., Coskun A., Kiymac K., KILIÇ S.

Turkish Physical Society, 27. International Physics Congress, İstanbul, Turkey, 14 - 17 September 2010, vol.1, no.2, pp.2

## 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**

Karakılçık 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: 127

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, TUBİTAK, 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, TUBİTAK, January 2013

KILIÇ ÇETİN S., Uluslararası Yayınları Teşvik Ödülü, TUBİTAK, 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