

# **Doç.Dr. SELDA KILIÇ ÇETİN**

## **Kişisel Bilgiler**

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## **Uluslararası Araştırmacı ID'leri**

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

Yoksis Araştırmacı ID: 129798

## **Eğitim Bilgileri**

Doktora, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2008 - 2015

Yüksek Lisans, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2006 - 2008

Lisans, Balıkesir Üniversitesi, Necatibey Eğitim Fakültesi, Fizik Eğitimi, Türkiye 2001 - 2006

## **Yabancı Diller**

İngilizce, B2 Orta Üstü

## **Sertifika, Kurs ve Eğitimler**

Yabancı Dil, Wirtschaftsenglisch: Intermediate, Universität Duisburg-Essen, 2012

Yabancı Dil, Sprachkurse-Deutsch A1/2, Universität Duisburg-Essen, 2012

Yabancı Dil, Sprachkurse-Deutsch A1/1, Universität Duisburg-Essen, 2011

## **Yaptığı Tezler**

Doktora, (La<sub>1-x</sub>RE<sub>x</sub>)<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 , Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2015

Yüksek Lisans, Yüksek Geçiş Sıcaklıklı Süperiletkenlerde Kritik Durum Modellerinin İncelenmesi, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2008

## **Araştırma Alanları**

Fizik, Yoğun Madde 1: Yapısal, Mekanik ve Termal Özellikler , Yoğun Madde 2: Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Bulk malzemelerin elektronik yapısı, Manyetik özellikler ve malzemeler, Süperiletkenlik, Temel Bilimler

## **Akademik Unvanlar / Görevler**

Doç.Dr., Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2021 - Devam Ediyor

Öğretim Görevlisi Dr., Çukurova Üniversitesi, Rektörlük, Rektörlük, 2018 - 2021

Uzman Dr., Çukurova Üniversitesi, Rektörlük, Rektörlük, 2016 - 2018

Araştırma Görevlisi, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2007 - 2016

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

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Enhancement of magnetocaloric effect by partial substitution of Bi in La<sub>0.60</sub>Dy<sub>0.10</sub>Sr<sub>0.30</sub>Mn(1-x)BixO<sub>3</sub> 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, cilt.35, sa.8, 2024 (SCI-Expanded)
- II. **Magnetocaloric effect in PrGd<sub>1-x</sub>BaxMn<sub>206</sub> (0.0 ≤ x ≤ 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, cilt.34, sa.34-, ss.1-16, 2023 (SCI-Expanded)
- III. **Effects of Ca substitution on magnetic and magnetocaloric properties in PrBa<sub>1-x</sub>CaxMn<sub>206</sub> system**  
Kandemir A., Akça G., Kılıç Çetin S., Ayaş A. O., Akyol M., EKİCİBİL A.  
JOURNAL OF SOLID STATE CHEMISTRY, cilt.324, ss.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., EKİCİBİL A.  
MATERIALS TODAY COMMUNICATIONS, cilt.35, ss.1-17, 2023 (SCI-Expanded)
- V. **A comparative study of magnetic, and magnetocaloric properties of different transition metal-doped La<sub>0.67</sub>Sr<sub>0.33</sub>A<sub>03</sub> (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, cilt.34, ss.1-15, 2023 (SCI-Expanded)
- VI. **Large magnetocaloric effect in La-based manganite composites near room temperature**  
Kılıç Çetin S., Akça G., EKİCİBİL A.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.147, sa.23, ss.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., EKİCİBİL A.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.1, ss.1-11, 2022 (SCI-Expanded)
- VIII. **The investigation of the effect of K doping on the structural, magnetic, and magnetocaloric properties of La<sub>1.4-x</sub>K<sub>x</sub>Ca<sub>1.6</sub>Mn<sub>207</sub> (0.0 <= x <= 0.4) double perovskite manganite**  
Coskun A. T., KILIÇ ÇETİN S., EKİCİBİL A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, ss.10990-11001, 2022 (SCI-Expanded)
- IX. **Investigation of the effect of sintering temperature on structural, magnetic and magnetocaloric properties in PrCaMn<sub>206</sub> double perovskite manganite system**  
AYAŞ A. O., Kandemir A., Cetin S. K., AKÇA G., Akyol M., EKİCİBİL A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, sa.10, ss.7357-7370, 2022 (SCI-Expanded)
- X. **Energy storage performance of LiV<sub>3</sub>O<sub>8</sub>/water-in-salt electrolyte/LiNi<sub>1/3</sub>Co<sub>1/3</sub>Mn<sub>1/3</sub>O<sub>2</sub> cell for aqueous lithium-ion batteries**  
Kunduracı M., Kılıç Çetin S., Çağlayan U., Mutlu R., Kaya D., EKİCİBİL A.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.908, ss.116118, 2022 (SCI-Expanded)
- XI. **Effect of Sintering Time on the Crystallisation, Morphology, Structure, Electric, Magnetic and Magnetocaloric Properties of La<sub>0.80</sub>Ag<sub>0.20</sub>Mn<sub>03</sub>**  
Tokkaya A., Kılıç Çetin S., Altan B., Coşkun A., Taşarkuyu E., EKİCİBİL A.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, sa.35, ss.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, cilt.57, sa.4, ss.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., Hlil E. K.  
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.32, sa.11, ss.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, cilt.32, sa.8, ss.10458-10472, 2021 (SCI-Expanded)
- XV. **Direct measurement of adiabatic temperature change in  $(\text{La}_{0.7}\text{Sm}_{0.3})(0.67)\text{Ba}_{0.33}\text{Mn}_03$**   
 KILIÇ ÇETİN S.  
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.31, sa.15, ss.12842-12847, 2020 (SCI-Expanded)
- XVI. **Composite  $x\text{La}(0.7)\text{Ca}(0.2)\text{Sr}(0.1)\text{Mn}_0(3) / (1-x)\text{La}_{0.7}\text{Te}_{0.3}\text{Mn}_03$  materials: magnetocaloric properties around room temperature**  
 Akça G., Cetin S., EKİCİBİL A.  
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.31, sa.9, ss.6796-6808, 2020 (SCI-Expanded)
- XVII. **Reversible Magnetocaloric Effect of  $(\text{La}_{0.8}\text{Pr}_{0.2})(0.67)\text{Ba}_{0.33}\text{Mn}_03$  from Direct Measurements**  
 Cetin S.  
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.33, sa.3, ss.683-691, 2020 (SCI-Expanded)
- XVIII. **Structural, Magnetic, and Magnetocaloric Properties of Pb-Substituted  $\text{La}-0.7(\text{Te}_{1-x}\text{Pb}_x)(0.3)\text{Mn}_03$  ( $0.0 \leq x \leq 0.3$ ) Manganites**  
 KILIÇ ÇETİN S., AKÇA G., AYAŞ A. O., Akyol M., EKİCİBİL A.  
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.33, sa.2, ss.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, cilt.1200, 2020 (SCI-Expanded)
- XX. **Impact of small Er rare earth element substitution on magnetocaloric properties of  $(\text{La}_{0.9}\text{Er}_{0.1})(0.6)\text{Pb}_{0.33}\text{Mn}_03$  perovskite**  
 Cetin S., Akça G., EKİCİBİL A.  
 JOURNAL OF MOLECULAR STRUCTURE, cilt.1196, ss.658-661, 2019 (SCI-Expanded)
- XXI. **Impact of small Er rare earth element substitution on magnetocaloric properties of  $(\text{La}_{0.9}\text{Er}_{0.1})0.67\text{Pb}_{0.33}\text{Mn}_03$  perovskite**  
 KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.  
 JOURNAL OF MOLECULAR STRUCTURE, cilt.1196, ss.658-661, 2019 (SCI-Expanded)
- XXII. **Effect of Pr-substitution on the structural, magnetic and magnetocaloric properties of  $(\text{La}_{1-x}\text{Pr}_x)(0.67)\text{Pb}_{0.33}\text{Mn}_03$  ( $0.0 \leq x \leq 0.3$ ) manganites**  
 Cetin S. K., Acet M., EKİCİBİL A.  
 JOURNAL OF ALLOYS AND COMPOUNDS, cilt.727, ss.1253-1262, 2017 (SCI-Expanded)
- XXIII. **Structural, magnetic and magnetocaloric properties of  $(\text{La}_{1-x}\text{Sm}_x)(0.85)\text{K}_{0.15}\text{Mn}_03$  ( $x=0.0, 0.1, 0.2$  and  $0.3$ ) perovskite manganites**  
 AKÇA G., Cetin S. K., EKİCİBİL A.  
 CERAMICS INTERNATIONAL, cilt.43, sa.17, ss.15811-15820, 2017 (SCI-Expanded)
- XXIV. **Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of  $\text{Pr}-0.85 \text{A} 0.15\text{Mn}_03$  ( $\text{A} = \text{Ag}$  and  $\text{K}$ ) Manganites**  
 AKÇA G., Ayas A. O., Cetin S. K., AKYOL M., EKİCİBİL A.  
 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.30, sa.6, ss.1515-1525, 2017 (SCI-Expanded)
- XXV. **Room temperature magnetocaloric effect in  $\text{Pr}_{1.75}\text{Sr}_{1.25}\text{Mn}_{207}$  double-layered perovskite**

**manganite system**

- Ayas A. O., AKYOL M., Cetin S., Kaya M., Dincer I., EKİCİBİL A., Elerman Y.  
PHILOSOPHICAL MAGAZINE, cilt.97, sa.9, ss.671-682, 2017 (SCI-Expanded)
- XXVI. **Magnetocaloric properties of  $(La_{1-x}Pr_x)(0.85)K_0.15MnO_3$  ( $x=0.0, 0.1, 0.3$  and  $0.5$ ) perovskite manganites**  
AKÇA G., Cetin S., Gunes M., EKİCİBİL A.  
CERAMICS INTERNATIONAL, cilt.42, sa.16, ss.19097-19104, 2016 (SCI-Expanded)
- XXVII. **Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of  $Pr_{0.85}A_{0.15}MnO_3$  ( $A = Ag$  and  $K$ ) Manganites**  
AKÇA G., Ayas A. O., KILIÇ ÇETİN S., AKYOL M., EKİCİBİL A.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.1, ss.1-11, 2016 (SCI-Expanded)
- XXVIII. **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, cilt.96, sa.1, ss.31-44, 2016 (SCI-Expanded)
- XXIX. **Magnetocaloric effect in  $(La_{1-x}Sm_x)(0.67)Pb_{0.33}MnO_3$  ( $0 \leq x \leq 0.3$ ) manganites near room temperature**  
CETIN S., Acet M., Güneş M., EKİCİBİL A., Farle M.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.650, ss.285-294, 2015 (SCI-Expanded)
- XXX. **Effect of Ca doping on thermally activated flux flow in the  $Y_3Ba_5Cu_8O_{18}$  superconductor**  
AKYOL M., Ayas A. O., AKÇA G., Cetin S., EKİCİBİL A.  
BULLETIN OF MATERIALS SCIENCE, cilt.38, sa.5, ss.1231-1237, 2015 (SCI-Expanded)
- XXXI. **Magnetocaloric Properties of  $La_{0.85}Ag_{0.15}MnO_3$  and  $(La_{0.80}Pr_{0.20})(0.85)Ag_{0.15}MnO_3$  Compounds**  
Ayas A. O., AKYOL M., CETIN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.28, sa.6, ss.1649-1658, 2015 (SCI-Expanded)
- XXXII. **Reversibility in the adiabatic temperature-change of  $Pr_{0.73}Pb_{0.27}MnO_3$**   
Cetin S. K., Acet M., EKİCİBİL A., Sarikurkcu C., Kiymac K.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.565, ss.139-143, 2013 (SCI-Expanded)
- XXXIII. **Magnetic Properties of  $Zn_{1-x}Ni_xO$  ( $0.25a$  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, cilt.25, sa.2, ss.435-440, 2012 (SCI-Expanded)
- XXXIV. **The Structural, Superconducting and Transport Properties of the Compounds  $Y_3Ba_5Cu_8O_{18}$  and  $Y_3Ba_5Ca_2Cu_8O_{18}$**   
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, cilt.24, sa.8, ss.2243-2252, 2011 (SCI-Expanded)
- XXXV. **Exploration of the superconducting properties of  $Y_3Ba_5Cu_8O_{18}$  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, cilt.13, sa.11, ss.1954-1959, 2011 (SCI-Expanded)
- XXXVI. **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, cilt.13, ss.231-236, 2011 (SCI-Expanded)
- XXXVII. **Morphological analyses of  $Hg_{1-x}Hg_xBa_2Ca_2Cu_3O_{8+y}$  ( $0.0 \leq x \leq 0.20$ ) superconductors fabricated by sol-gel technique**  
Coskun A., EKİCİBİL A., Aslan H., ÇETİN S., Sarikurkcu C., Kiymac K.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, cilt.4, sa.11, ss.1756-1762, 2010 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- 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, cilt.10, sa.4, ss.1715-1724, 2022 (Hakemli Dergi)
- 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.  
Adiyaman Üniversitesi Fen Bilimleri Dergisi, cilt.12, sa.1, ss.142-161, 2022 (Hakemli Dergi)
- 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., EKİCİBİL A.  
CUMHURİYET SCIENCE JOURNAL, cilt.41, sa.1, ss.144-151, 2020 (Hakemli Dergi)
- 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, cilt.34, sa.1, ss.139-144, 2019 (Hakemli Dergi)
- 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 (Hakemli Dergi)

## **Kitap & Kitap Bölümleri**

- I. **Transport Properties of Superconducting Materials**  
EKİCİBİL A., KARADAĞ F., KILIÇ ÇETİN S., AYAŞ A. O., AKÇA G., AKYOL M., KAYA D.  
Superconducting Materials, Yassine Slimani, Essia Hannachi, Editör, Springer, London/Berlin , Singapore, ss.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.  
Superconducting Materials, Slimani Yassine, Hannachi Essia, Editör, Springer, Singapore, ss.29-60, 2022

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- 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, Türkiye, 7 - 08 Ocak 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., EKİCİBİL A.  
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Türkiye, 14 - 16 Aralık 2022, ss.135
- III. **INVESTIGATION OF MAGNETIC AND MAGNETOCALORIC PROPERTIES OF COMPOSITES CONSIST OF La-BASED MANGANITES**  
Kılıç Çetin S., Akça G., Aslan M. S., EKİCİBİL A.  
ÇUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Türkiye, 15 - 17 Nisan 2022, ss.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., EKİCİBİL A.  
 3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021),  
 Ankara, Türkiye, 15 - 17 Aralık 2021, ss.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., EKİCİBİL A.  
 3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021),  
 Ankara, Türkiye, 15 - 17 Aralık 2021, ss.13
- VI. **Structural, magnetic and magnetocaloric properties of  $\text{La}_{0.85}\text{Na}_{0.15}\text{Mn}_{2}\text{O}_3$  manganite**  
 Aslan M. S., Kılıç Çetin S., EKİCİBİL A.  
 3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021),  
 Ankara, Türkiye, 15 - 17 Aralık 2021, ss.141
- VII. **Structural and Magnetic Properties with Magnetocaloric Effect in  $\text{Pr}(\text{Ba}_{1-x}\text{Gd}_x)\text{Mn}_{2}\text{O}_6$  ( $x = 0.6, 0.7,$   
 $1.0$ ) Double Perovskite Manganite System**  
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- XII. **Dependence of Magnetocaloric Effect on Average Ionic Radius of A-Site in Lanthanide Manganites**  
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ss.52
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Türkiye, 4 - 06 Ekim 2018, ss.231
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2017, ss.1
- XXV. **Magnetocaloric properties of  $(La_{0.9}Er_{0.1})_{0.85}K_{0.15}MnO_3$  manganite**  
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- XXVI. **Direct and Indirect Measurement of Magnetocaloric Effect in  $La_{0.67}Ba_{0.33}MnO_3$**   
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2016, ss.123
- XXVII. **The effect of monovalent Ag and K cation on the magnetocaloric properties in  $(La_{0.9}Pr_{0.1})_{0.85}A_{0.15}MnO_3$  manganites (A= Ag,K)**  
AKÇA G., Ayas A. O., KILIÇ ÇETİN S., AKYOL M., EKİCİBİL A.  
1st International Mediterranean Science and Engineering Congress, Adana, Türkiye, 26 - 28 Ekim 2016, ss.1
- XXVIII. **Magnetocaloric properties of  $(La_{0.9}Sm_{0.1})_{0.85}K_{0.15}MnO_3$  manganite**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.

- 1st International Mediterranean Science and Engineering Congress, Adana, Türkiye, 26 - 28 Ekim 2016, ss.1
- XXIX. **The Effect of Irrigation with Biomass Hydrolysates on Soil**  
MERYEMOĞLU B., KIZILDAĞ N., KILIÇ ÇETİN S.  
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KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.  
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- XXXIII. **Defect-Mediated Ferromagnetism in Mn/Gd doped ZnO Nanocrystals**  
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2ND INTERNATIONAL CONGRESS ON THE WORLD OF TECHNOLOGY AND ADVANCED MATERIALS, Kırşehir, Türkiye, 28 Eylül - 02 Ekim 2016, ss.1
- XXXIV.  **$(La_{1-x}Sm_x)0.85K0.15MnO_3$  Manganites: The Magnetic and Magnetocaloric Properties**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
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- XXXVII. **THE EFFECT OF Pr SUBSTITUTION ON THE MAGNETIC AND MAGNETOCALORIC PROPERTIES OF  $(La_{1-x}Pr_x)0.67Pb0.33MnO_3$  MANGANITES**  
KILIÇ ÇETİN S., ACET M., EKİCİBİL A.  
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AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
Turkish Physical Society 32nd International Physics Congress, Muğla, Türkiye, 6 - 09 Eylül 2016, ss.1
- XXXIX. **INDIRECT MEASUREMENT OF THE MAGNETOCALORIC EFFECT IN  $(La_{0.9}Pr_{0.1})0.85K0.15MnO_3$  MANGANITE**  
Akça G., Kılıç Çetin S., EKİCİBİL A.  
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- XL. **THE STRUCTURAL, MAGNETIC AND MAGNETOCALORIC PROPERTIES OF  $Pr_{0.85}K0.15MnO_3$  COMPOUND**  
AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.  
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- XLII. INDIRECT MEASUREMENT OF THE MAGNETOCALORIC EFFECT IN  $(La_{0.9}Pr_{0.1})0.85K0.15MnO_3$  MANGANITE**  
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 Turkish Physical Society 32nd International Physics Congress, Muğla, Türkiye, 6 - 09 Eylül 2016, ss.1
- XLIII. DIRECT MEASUREMENT OF MAGNETOCALORIC EFFECT IN  $(La_{0.7}Sm_{0.3})0.67Ba0.33MnO_3$  PEROVSKITE**  
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- XLIV. THE EFFECT OF Pr SUBSTITUTION ON THE MAGNETIC AND MAGNETOCALORIC PROPERTIES OF  $(La_{1-x}Pr_x)0.67Pb0.33MnO_3$  MANGANITES**  
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 Turkish Physical society 32nd International Physics Congress, Muğla, Türkiye, 6 - 09 Eylül 2016, cilt.1, sa.1, ss.123
- XLV. The Determination of Magnetocaloric Effect in Perovskites Rare Earth Manganites by Direct and Indirect Measurement Techniques**  
 KILIÇ S., AKÇA G., EKİCİBİL A.  
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- XLVI.  $(La_{1-x}Pr_x)0.85K0.15MnO_3$  ( $x = 0, 0.1, 0.2$  ve  $0.3$ ) Manganitlerinin Yapısal, Manyetik ve Manyetokalorik Özelliklerinin Araştırılması**  
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- XLVII.  $La_{1-x}Sm_x 0.67Pb0.33MnO_3$  ( $0 < x < 0.3$ ) Manganitlerinde Sm Katkılamasının Manyetik ve Manyetokalorik Özelliklere Etkisi**  
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- LIII. Comparison of Magnetocaloric Effect in  $(La_{0.7}Sm_{0.3})0.67Pb0.33MnO_3$  from Direct and Indirect Measurements**  
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- LIV. **The structural, magnetic and magnetocaloric properties of Pr<sub>0.85</sub>A<sub>0.15</sub>MnO<sub>3</sub> (A = K and Ag) manganites?**  
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- LV. **Investigation of Structural Properties and Magnetocaloric Effect of Pr<sub>0.85</sub>Ag<sub>0.15</sub>MnO<sub>3</sub> Perovskite Compound**  
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- LXI. **The structural, magnetic and magnetocaloric properties of La<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> and (La<sub>0.9</sub>Pr<sub>0.1</sub>)<sub>0.85</sub>K<sub>0.15</sub>MnO<sub>3</sub> manganites**  
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