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Personal Information

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International Researcher IDs

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

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

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

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Magnetic Properties and Materials, Superconductivity, Natural Sciences

Academic Titles / Tasks

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2021 - Continues
Lecturer PhD, Cukurova University, 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. **Investigation of the magnetocaloric properties of Bi doping in $\text{La}_{0.7}\text{Ca}_{0.27}\text{Na}_{0.03}\text{Mn}_{1-x}\text{Bi}_x\text{O}_3$ ($x = 0.0, 0.005, 0.01$ and 0.02) perovskites**
Aslan M. S., AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.
Materials Science and Engineering: B, vol.310, 2024 (SCI-Expanded)
- II. **Study of magnetocaloric properties of small Bi-doped $\text{Pr}_{0.55}\text{Ca}_{0.05}\text{Ba}_{0.40}\text{Mn}_{1-x}\text{Bi}_x\text{O}_3$ manganites**
Akça G., Kılıç Çetin S., Ekicibil A.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.35, no.1442, pp.1-13, 2024 (SCI-Expanded)
- III. **Enhancement of magnetocaloric effect by partial substitution of Bi in $\text{La}_{0.60}\text{Dy}_{0.10}\text{Sr}_{0.30}\text{Mn}_{(1-x)}\text{Bi}_x\text{O}_3$ manganites ($x = 0, 0.01, 0.03$, and 0.10)**
KURT M. Z., KILIÇ ÇETİN S., Kandemir A., AKÇA G., KARADAĞ F., EKİCİBİL A.
Journal of Materials Science: Materials in Electronics, vol.35, no.8, 2024 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **Energy storage performance of LiV_3O_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)

- XIII. **Energy storage performance of LiV3O8/water-in-salt electrolyte/LiNi1/3Co1/3Mn1/3O2 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)
- XIV. **Effect of Sintering Time on the Crystallisation, Morphology, Structure, Electric, Magnetic and Magnetocaloric Properties of La0.80Ag0.20MnO3**
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)
- XV. **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)
- XVI. **The effect of Ni-substitution with Mn on electrical, magnetic and magnetocaloric properties in Pr0.67Ba0.22Sr0.11Mn1-xNixO3 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)
- XVII. **Role of nickel doping on magnetocaloric properties of La0.7Sr0.3Mn1-xNixO3 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)
- XVIII. **Direct measurement of adiabatic temperature change in (La0.7Sm0.3)(0.67)Ba0.33MnO3**
KILIÇ ÇETİN S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.15, pp.12842-12847, 2020 (SCI-Expanded)
- XIX. **Composite xLa(0.7)Ca(0.2)Sr(0.1)MnO(3) / (1-x)La0.7Te0.3MnO3 materials: magnetocaloric properties around room temperature**
Akça G., Cetin S., Ekicibil A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.9, pp.6796-6808, 2020 (SCI-Expanded)
- XX. **Reversible Magnetocaloric Effect of (La0.8Pr0.2)(0.67)Ba0.33MnO3 from Direct Measurements**
Cetin S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.3, pp.683-691, 2020 (SCI-Expanded)
- XXI. **Structural, Magnetic, and Magnetocaloric Properties of Pb-Substituted La-0.7(Te1-xPbx)(0.3)MnO3 (0.0 ≤ x ≤ 0.3) Manganites**
KILIÇ ÇETİN S., AKÇA G., AYAŞ A. O., Akyol M., EKİCİBİL A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.2, pp.527-538, 2020 (SCI-Expanded)
- XXII. **Effect of B site partial Ru substitution on structural magnetic and magnetocaloric properties in La0.7Pb0.3Mn1-xRuxO3 (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)
- XXIII. **Impact of small Er rare earth element substitution on magnetocaloric properties of (La0.9Er0.1)(0.6)Pb0.33MnO3 perovskite**
Cetin S., Akça G., Ekicibil A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)
- XXIV. **Impact of small Er rare earth element substitution on magnetocaloric properties of (La0.9Er0.1)0.67Pb0.33MnO3 perovskite**
KILIÇ ÇETİN S., AKÇA G., EKİCİBİL A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.658-661, 2019 (SCI-Expanded)

- XXV. **Effect of Pr-substitution on the structural, magnetic and magnetocaloric properties of (La_{1-x}Pr_x)(0.67)Pb_{0.33}MnO₃ (0.0 ≤ x ≤ 0.3) manganites**
Cetin S. K., Acet M., EKİCİBİL A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.727, pp.1253-1262, 2017 (SCI-Expanded)
- XXVI. **Structural, magnetic and magnetocaloric properties of (La_{1-x}Sm_x)(0.85)K_{0.15}MnO₃ (x=0.0, 0.1, 0.2 and 0.3) perovskite manganites**
AKÇA G., Cetin S. K., EKİCİBİL A.
CERAMICS INTERNATIONAL, vol.43, no.17, pp.15811-15820, 2017 (SCI-Expanded)
- XXVII. **Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of Pr-0.85 A 0.15MnO₃ (A = Ag and K) Manganites**
AKÇA G., Ayas A. O., Cetin S. K., AKYOL M., EKİCİBİL A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.6, pp.1515-1525, 2017 (SCI-Expanded)
- XXVIII. **Room temperature magnetocaloric effect in Pr_{1.75}Sr_{1.25}Mn₂O₇ double-layered perovskite manganite system**
Ayas A. O., AKYOL M., Cetin S., Kaya M., Dincer I., EKİCİBİL A., Elerman Y.
PHILOSOPHICAL MAGAZINE, vol.97, no.9, pp.671-682, 2017 (SCI-Expanded)
- XXIX. **Effect of Monovalent Cation Doping on Structural, Magnetic, and Magnetocaloric Properties of Pr_{0.85}A_{0.15}MnO₃ (A = Ag and K) Manganites**
AKÇA G., Ayas A. O., KILIÇ ÇETİN S., AKYOL M., EKİCİBİL A.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.1, pp.1-11, 2016 (SCI-Expanded)
- XXX. **Magnetocaloric properties of (La_{1-x}Pr_x)(0.85)K_{0.15}MnO₃ (x=0.0, 0.1, 0.3 and 0.5) perovskite manganites**
Akça G., Cetin S., Gunes M., Ekicibil A.
CERAMICS INTERNATIONAL, vol.42, no.16, pp.19097-19104, 2016 (SCI-Expanded)
- XXXI. **Microstructural and magnetic properties of A(x):Zn_{1-x}O (A=Mn, Gd and Mn/Gd) nanocrystals**
AKYOL M., Cetin S., EKİCİBİL A.
PHILOSOPHICAL MAGAZINE, vol.96, no.1, pp.31-44, 2016 (SCI-Expanded)
- XXXII. **Magnetocaloric effect in (La_{1-x}Sm_x)(0.67)Pb_{0.33}MnO₃ (0 ≤ x ≤ 0.3) manganites near room temperature**
CETIN S., Acet M., Güneş M., EKİCİBİL A., Farle M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.650, pp.285-294, 2015 (SCI-Expanded)
- XXXIII. **Effect of Ca doping on thermally activated flux flow in the Y₃Ba₅Cu₈O₁₈ superconductor**
AKYOL M., Ayas A. O., AKÇA G., Cetin S., EKİCİBİL A.
BULLETIN OF MATERIALS SCIENCE, vol.38, no.5, pp.1231-1237, 2015 (SCI-Expanded)
- XXXIV. **Magnetocaloric Properties of La_{0.85}Ag_{0.15}MnO₃ and (La_{0.80}Pr_{0.20})(0.85)Ag_{0.15}MnO₃ Compounds**
Ayas A. O., AKYOL M., CETIN S., AKÇA G., EKİCİBİL A., ÖZÇELİK B.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.6, pp.1649-1658, 2015 (SCI-Expanded)
- XXXV. **Reversibility in the adiabatic temperature-change of Pr_{0.73}Pb_{0.27}MnO₃**
Cetin S. K., Acet M., EKİCİBİL A., Sarikurkcü C., Kiyamac K.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.565, pp.139-143, 2013 (SCI-Expanded)
- XXXVI. **Magnetic Properties of Zn_{1-x}Ni_xO (0.25a parts per thousand currency sign_xa parts per thousand currency sign 0.50) Prepared by Solid-State Reactions**
EKİCİBİL A., Bulun G., Cetin S., Dikmen Z., Orhun O., Firat T., Kiyamac K.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.2, pp.435-440, 2012 (SCI-Expanded)
- XXXVII. **The Structural, Superconducting and Transport Properties of the Compounds Y₃Ba₅Cu₈O₁₈ and Y₃Ba₅Ca₂Cu₈O₁₈**
Ayas A. O., EKİCİBİL A., Cetin S. K., Coskun A., Er A. O., UFUKTEPE Y., Firat T., Kiyamac K.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, no.8, pp.2243-2252, 2011 (SCI-Expanded)
- XXXVIII. **Exploration of the superconducting properties of Y₃Ba₅Cu₈O₁₈ with and without Ca doping by magnetic measurements**
EKİCİBİL A., Cetin S. K., Ayas A. O., Coskun A., Firat T., Kiyamac K.

SOLID STATE SCIENCES, vol.13, no.11, pp.1954-1959, 2011 (SCI-Expanded)

XXXIX. **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., Kiyımac K.

JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.13, pp.231-236, 2011 (SCI-Expanded)

XL. **Morphological analyses of Hg_{1-x}HoxBa₂Ca₂Cu₃O_{8+y} (0.0 ≤ x ≤ 0.20) superconductors fabricated by sol-gel technique**

Coskun A., EKİCİBİL A., Aslan H., ÇETİN S., Sarikurkcı C., Kiyımac 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}RuxO₃ 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}CuxO₃ 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}MnO₃/0.5La_{0.7}Te_{0.3}MnO₃ 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}MnO₃ Manganite Compound**
AKÇA G., KILIÇ ÇETİN S.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.34, no.1, pp.139-144, 2019 (Peer-Reviewed Journal)
- V. **Determination of Magnetocaloric Effect in La_{0.67}Ba_{0.33}MnO₃ 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 Nd_{0.55}Ca_{0.05}Ba_{0.40}Mn_{1-x}BixO₃ (x = 0 and 0.02) perovskite manganites**

AKÇA G., KILIÇ ÇETİN S., EKİCİBİL A.

Middle East International Conference on Contemporary Scientific Studies-VIII, Adana, Turkey, 7 - 08 January 2023

- II. **Structural, Magnetic and Magnetocaloric Features of $\text{PrBa}_{1-x}\text{Ca}_x\text{Mn}_2\text{O}_6$ ($0.0 \leq x \leq 0.3$) 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.
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**

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Other Publications

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

Ekicibil A., Kılıç Çetin S., Akça G., Akyol M., Ayaş A. O., TUBITAK Project, Soğutucu Elemanı Olarak Kullanılabilecek PrBaMn₂O₆ Manganit Bileşiklerinde Gd ve Ca Eklenmesinin Malzemenin Özelliklerine Etkisi ve Mühendislik Uygulamaları, 2020 - 2021

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

KARDAŞ G., KIZILDAĞ N., KILIÇ ÇETİN S., MERYEMOĞLU B., EKİCİBİL A., TAKCI D. K., ÇALYAN U., Project Supported by Higher Education Institutions, Çukurova Üniversitesi Merkezi Araştırma Laboratuvarındaki Sıvı Azot Üretim Cihazının

Kapasite ve Depolama Hacminin Arttırılması ve Sıvı Azot Üretim Laboratuvarının Geliştirilmesi, 2017 - 2021
Kılıç Çetin S., TUBITAK Project, Manyetik Soğutma Sistemlerinde Kullanıma Aday Kompozit Manganit Bileşiklerin Üretimi, Karakterizasyonu Ve Manyetokalorik Özelliklerinin İncelenmesi, 2019 - 2020
EKİCİBİL A., KILIÇ S., AKÇA G., AYAŞ A. O., AKYOL M., KARADAĞ F., Project Supported by Higher Education Institutions, A 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: 130
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, TUBITAK, 2007 - Continues

Awards

Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, May 2019
Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, March 2018
Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, August 2017
Kılıç Çetin S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, August 2016
KILIÇ ÇETİN S., Uluslararası Yayınları Teşvik Ödülü, Tübitak, December 2015
KILIÇ ÇETİN S., Uluslararası Yayınları Teşvik Ödülü, TÜBİTAK, January 2013
KILIÇ ÇETİN S., Uluslararası Yayınları Teşvik Ödülü, TÜBİTAK, March 2011
KILIÇ ÇETİN S., Fakülte İkinciliği, Balıkesir Üniversitesi, June 2006
KILIÇ ÇETİN S., Bölüm Birinciliği (Fizik Anabilim Dalı), Balıkesir Üniversitesi, June 2006

Non Academic Experience

Duisburg Essen University - ALMANYA