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International Researcher IDs

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Publons / Web Of Science ResearcherID: CAF-1175-2022

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Education Information

Postgraduate, Akdeniz University, Institute of Health Sciences , Turkey 2021 - Continues

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Turkey 2010 - 2016

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Turkey 2008 - 2010

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Fizik, Turkey 2004 - 2008

Research Areas

Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Akdeniz University, Health Services Vocational School, Department of Medical Services and Techniques, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A comparison of the corrosion resistance of galvanized low steel with solgel method coated ZrO₂, ZrO₂+Polymer coating**
MUTLU İ. H., Emre M. C., KAYA A. O.
Kuwait Journal of Science, vol.50, no.4, pp.524-538, 2023 (SCI-Expanded)
- II. **Resonance Frequency Shift of Vibrating Amorphous Ribbon via Surface Adsorption of Magnetic Fe₃O₄ Nanoparticles**
ATALAY S., Inan O. O., KOLAT V. S., KAYA A. O.
Journal of Superconductivity and Novel Magnetism, vol.36, no.5, pp.1421-1425, 2023 (SCI-Expanded)
- III. **Influence of Ti substitution on magnetic and magnetocaloric properties of Pr₂Fe_{17-x}Tix intermetallic compounds**
Cengiz N., Pektas M., KAYA A., BAYRI N., İZGİ T., GENÇER H., KOLAT V. S., ATALAY S.
Journal of Materials Science: Materials in Electronics, vol.34, no.5, 2023 (SCI-Expanded)
- IV. **One-Dimensional Magnonic Crystal for Magnetic Field Sensing**
Kaya A. O.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.7, pp.2071-2075, 2015 (SCI-Expanded)

- V. **The crystallisation kinetics, magnetic and magnetocaloric properties of Gd₅₅Co₂₀Fe₅Al₂₀ (-) Si-x(x) (x=0, 5, 10, 15) alloys**
Kaya A. O.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.379, pp.185-191, 2013 (SCI-Expanded)
- VI. **YIG Film for Magnetic Field Sensor**
Kaya A. O.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.937-939, 2013 (SCI-Expanded)
- VII. **Influence of Si substitution on the structural, magnetic and magnetocaloric properties of Gd₅₅Co₂₀Fe₅Al₂₀-xSix alloys**
Kaya A. O.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.365, no.365, pp.99-104, 2013 (SCI-Expanded)
- VIII. **Magnetic and Magnetocaloric Properties of (Gd_{1-x}Ce_x)Al-2 (x=0, 0.25, 0.5, 0.75) Compounds**
Kaya A. O.
JOURNAL OF MAGNETICS, vol.16, no.4, pp.337-341, 2012 (SCI-Expanded)
- IX. **Magnetotransport and magnetoresistance properties of Pr_{0.68}Ca_{0.32}-xSrxMnO₃ (x=0, 0.1, 0.18, 0.26 and 0.32) manganites**
İZGİ T., KOLAT V. S., BAYRİ N., KAYA A. O., GENÇER H., ATALAY S.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 2011 (SCI-Expanded)
- X. **Influence of Ge and Bi substitution on the magnetic and magnetocaloric properties of LaFe_{11.4}Si_{1.6}**
Kaya A. O.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.12, no.5, pp.1129-1134, 2010 (SCI-Expanded)
- XI. **Metamagnetic transition and magnetocaloric effect in charge-ordered Pr_{0.68}Ca_{0.32}-xSrxMnO₃ (x=0, 0.1, 0.18, 0.26 and 0.32) compounds**
Kaya A. O.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.322, no.4, pp.427-433, 2010 (SCI-Expanded)
- XII. **Production of LaFe_{11.4}Si_{1.6} compound at high temperature with a very short annealing time**
KOLAT V. S., İZGİ T., GENÇER H., KAYA A. O., BAYRİ N., ATALAY S.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Surface modification of YIG by magnet array**
Kaya A. O.
APPLIED SURFACE SCIENCE ADVANCES, vol.354, no.354, pp.337-341, 2015 (Peer-Reviewed Journal)

Metrics

Publication: 13
Citation (Scopus): 3
H-Index (Scopus): 1

Scholarships

Magnonik Kristaller, TUBITAK, 2015 - 2016