

Asst. Prof. ONUR NANE

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2011 - 2013

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2007 - 2009

Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, Turkey 2001 - 2006

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Atımlı lazer yığılımı (PLD) tekniği kullanılarak üretilen BSCCO ince filmlerin fiziksel özelliklerinin araştırılması, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 2013

Postgraduate, Sm_{1-x}TbxNi₄B bileşiklerinin fiziksel özelliklerinin araştırılması, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 2009

Research Areas

Metallurgical and Materials Engineering, Physics, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Hakkari University, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Improvement of Bi₂Sr₂Co₂O₇ thermoelectric performances by Na doping**
Çetin Karakaya G., ÖZÇELİK B., NANE O., Sotelo A., Rasekh S., Torres M., Madre M.
Journal of Electroceramics, vol.40, no.1, pp.11-15, 2018 (SCI-Expanded)
- II. **Effect of Na substitution and Ag addition on the superconducting properties of Bi-2212 textured materials**

ÖZÇELİK B., Nane O., Sotelo A., Amaveda H., Madre M.

Journal of Materials Science: Materials in Electronics, vol.28, no.8, pp.6278-6283, 2017 (SCI-Expanded)

- III. **Effect of Na substitution on superconducting properties of Bi-2212 ceramics prepared by Sinter-Forged process**
NANE O., ÖZÇELİK B., Sotelo A., Madre M.
Journal of the European Ceramic Society, vol.37, no.3, pp.1007-1012, 2017 (SCI-Expanded)
- IV. **Improvement of structural and superconducting properties of Bi-2212 textured rods by substituting sodium**
NANE O., ÖZÇELİK B., Amaveda H., Sotelo A., Madre M.
Ceramics International, vol.42, no.7, pp.8473-8477, 2016 (SCI-Expanded)
- V. **The effects of the post-annealing time on the growth mechanism of Bi₂Sr₂Ca₁Cu₂O_{8+δ} thin films produced on MgO (100) single crystal substrates by pulsed laser deposition (PLD)**
NANE O., ÖZÇELİK B., Abukay D.
Ceramics International, vol.42, no.5, pp.5778-5784, 2016 (SCI-Expanded)
- VI. **Effect of Yttrium substitution on superconductivity in Bi-2212 textured rods prepared by a LFZ technique**
ÖZÇELİK B., NANE O., Sotelo A., Madre M.
Ceramics International, vol.42, no.2, pp.3418-3423, 2016 (SCI-Expanded)
- VII. **The effects of the post-annealing temperature on the growth mechanism of Bi₂Sr₂Ca₁Cu₂O_{8+δ} thin films produced on MgO (1 0 0) single crystal substrates by pulsed laser deposition (PLD)**
Nane O., ÖZÇELİK B., Abukay D.
Journal of Alloys and Compounds, vol.566, pp.175-179, 2013 (SCI-Expanded)
- VIII. **Magnetic properties of Sm_{1-x}Tb_xNi₄B compounds**
NANE O., ÖZÇELİK B., Kervan S., Topal U.
Journal of Superconductivity and Novel Magnetism, vol.25, no.4, pp.1065-1070, 2012 (SCI-Expanded)
- IX. **Magnetocaloric effect in re-entrant ferrimagnet Nd_{0.2}Gd_{0.8}Mn₂Ge₂ compound**
Kervan S., Kervan N., Öztürk A., ÖZÇELİK B., Nane O.
Solid State Communications, vol.151, no.5, pp.408-410, 2011 (SCI-Expanded)
- X. **Physical and magnetic properties of Nd_{1-x}Gd_xNi₄B compounds**
ÖZÇELİK B., Nane O., Kervan S.
Journal of Superconductivity and Novel Magnetism, vol.24, no.1-2, pp.763-768, 2011 (SCI-Expanded)
- XI. **Physical properties of Sm_{1-x}Gd_xNi₄B compounds**
Kantarci N., Nane O., ÖZÇELİK B., Kervan S., Ağıl H.
Journal of Superconductivity and Novel Magnetism, vol.24, no.1-2, pp.793-799, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Observation of magnetocaloric effect in the LaMn_{1.9}Fe_{0.1}Si₂ compound at low fields in the vicinity of phase transition around room temperature**
Nane O., Ail H., Özkurt B., ÖZÇELİK B., GENÇER A.
Journal of Physics: Conference Series, vol.153, 2009 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Physical and magnetic properties of Sm_{0.2}Gd_{0.8}Ni₄B compound**
ÖZÇELİK B., Kantarci N., Nane O., Yakinci M. E.
5th Moscow International Symposium on Magnetism, MISM 2011, Moscow, Russia, 21 - 25 August 2011, vol.190, pp.208-212

Scientific Refereeing

JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, National Scientific Refreed Journal, January 2016
CERAMICS INTERNATIONAL, National Scientific Refreed Journal, January 2016

Scientific Research / Working Group Memberships

Süperiletkenlik Teknolojileri Uygulama Ve Araştırma Merkezi (Cesur), Ankara University, Turkey,
<https://cesur.ankara.edu.tr/>, 2020 - Continues

Metrics

Publication: 13

Citation (Scopus): 123

H-Index (Scopus): 7