

## 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<sub>1-x</sub>TbxNi<sub>4</sub>B 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 Bi<sub>2</sub>Sr<sub>2</sub>Co<sub>2</sub>O<sub>7</sub> 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 Bi<sub>2</sub>Sr<sub>2</sub>Ca<sub>1</sub>Cu<sub>2</sub>O<sub>8+δ</sub> 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 Bi<sub>2</sub>Sr<sub>2</sub>Ca<sub>1</sub>Cu<sub>2</sub>O<sub>8+δ</sub> 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<sub>1-x</sub>Tb<sub>x</sub>Ni<sub>4</sub>B 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<sub>0.2</sub>Gd<sub>0.8</sub>Mn<sub>2</sub>Ge<sub>2</sub> 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<sub>1-x</sub>Gd<sub>x</sub>Ni<sub>4</sub>B 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<sub>1-x</sub>Gd<sub>x</sub>Ni<sub>4</sub>B 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<sub>1.9</sub>Fe<sub>0.1</sub>Si<sub>2</sub> 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<sub>0.2</sub>Gd<sub>0.8</sub>Ni<sub>4</sub>B 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