

## Assoc. Prof. ÖZER ÖZOĞUL

### Personal Information

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### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1992 - 1997

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1988 - 1992

Undergraduate, Ankara University, Fen Fakültesi, Fizik Bölümü, Turkey 1984 - 1988

### Foreign Languages

English, B2 Upper Intermediate

### Academic Titles / Tasks

Associate Professor, Ankara University, Fen Fakültesi, Fizik Bölümü, 2010 - Continues

Assistant Professor, Ankara University, Fen Fakültesi, Fizik Bölümü, 2002 - 2010

Lecturer, Ankara University, Fen Fakültesi, Fizik Bölümü, 1997 - 2002

Research Assistant, Ankara University, Fen Fakültesi, Fizik Bölümü, 1988 - 1997

### Courses

Atom ve Molekül Fiziği, Undergraduate, 2015 - 2016

Fizik II Lab, Undergraduate, 2015 - 2016

Uzmanlık Alan Dersi, Postgraduate, 2015 - 2016

ÖZEL KONULAR, Undergraduate, 2015 - 2016

Kathal Fiziği I, Postgraduate, 2015 - 2016

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Calculation of levitation force using a critical-state model**  
ÖZOĞUL Ö.  
Journal of Superconductivity and Novel Magnetism, vol.25, no.2, pp.221-225, 2012 (SCI-Expanded)
- II. **Comparative analysis of the fundamental susceptibility in Bi-2212 single crystal**  
Ozogul Ö.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.21, no.4, pp.223-227, 2008 (SCI-Expanded)
- III. **AC susceptibility study of a multi-filamentary Bi-2212/Ag superconducting tape**  
Gencer A., Aksu E., Ozogul Ö., Yakinci M. E.  
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.445, pp.772-776, 2006 (SCI-Expanded)
- IV. **Magnetic field responses of harmonic susceptibilities of high T-c superconductor YBCO**

- Ozogul Ö.  
MODERN PHYSICS LETTERS B, vol.20, no.19, pp.1199-1205, 2006 (SCI-Expanded)
- V. **Frequency and field dependencies of susceptibilities of high T-c superconductor YBCO**  
Ozogul Ö.  
JOURNAL OF SUPERCONDUCTIVITY, vol.18, no.4, pp.503-508, 2005 (SCI-Expanded)
- VI. **Investigation of the ac magnetic field dependence of the first and the third harmonics of the ac susceptibility in a granular Bi-2223 sample**  
Ozogul Ö.  
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.202, no.9, pp.1793-1798, 2005 (SCI-Expanded)
- VII. **The study on AC susceptibility and magnetization of high-T-c superconductor Bi-2223 using a critical-state model**  
Ozogul Ö.  
JOURNAL OF SUPERCONDUCTIVITY, vol.17, no.4, pp.513-517, 2004 (SCI-Expanded)
- VIII. **Ac magnetic response of MgB2 bulk superconductor based on the Anderson-Kim model**  
Ozogul Ö., Guclu N., Gencer A.  
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.402, no.1-2, pp.209-215, 2004 (SCI-Expanded)
- IX. **Characterization of high-T-c superconductors using the higher-harmonic susceptibility**  
Ozogul Ö., Aydinuraz A.  
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, vol.14, no.4, pp.184-189, 2001 (SCI-Expanded)
- X. **Effects of texturing mechanisms on the critical current density in sintered High-T-c Bi-2223 superconductors**  
Ozogul Ö., Aydinuraz A.  
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.183, no.2, pp.413-419, 2001 (SCI-Expanded)
- XI. **A study of the nonlinearity in magnetic response of Bi2Sr2CaCu2O8**  
Gencer A., Mutlu R., Belenli I., Ozogul Ö., Aydinuraz A.  
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, vol.9, no.4, pp.284-289, 1996 (SCI-Expanded)

## Books & Book Chapters

- I. **AC Magnetic Susceptibility Response**  
ÖZOĞUL Ö.  
in: Superconductivity Magnetism and Magnets, Lannie K. Tran, Editor, Nova Science Publishers, New York, pp.173-190, 2006

## Refereed Congress / Symposium Publications in Proceedings

- I. **The study on AC susceptibility grained model for the high-Tc superconductor Bi-2223**  
ÖZOĞUL Ö.  
7th International Conference of the Balkan Physical Union, Alexandroupoli, Greece, 9 - 13 September 2009, vol.1203, pp.883-886
- II. **The Study on AC Susceptibility Grained Model for The High-T(c) Superconductor Bi-2223**  
Ozogul Ö.  
7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Greece, 9 - 13 September 2009, vol.1203, pp.883-886

## Metrics

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