

## Res. Asst. ÖZDE CEREN ABACI

### Personal Information

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### Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2017 - Continues

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2015 - 2017

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2007 - 2012

### Dissertations

Postgraduate, Tunable optical properties of Dy<sup>3+</sup>; Eu<sup>3+</sup> DOPED, Dy<sup>3+</sup>/ Bi<sup>3+</sup>; Dy<sup>3+</sup> /Ce<sup>3+</sup>; Dy<sup>3+</sup>/ Eu<sup>3+</sup>; Tb<sup>3+</sup> /Ce<sup>3+</sup> codoped LaBO<sub>3</sub>, Middle East Technical University, 2017

### Research Areas

Boron Chemistry, Chemistry, Inorganic Chemistry

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 2017 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Tunable optical properties and DFT calculations of RE<sup>3+</sup>codoped LaBO<sub>3</sub> phosphors**  
Abaci Ö. C. , Mete E., Esentürk O., Yılmaz A.  
Optical Materials, vol.98, no.109487, pp.1-10, 2019 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **LaBO<sub>3</sub>: Ce<sup>3+</sup> /Tb<sup>3+</sup> Fosforlarının Optik Özelliklerinin İncelenmesi**  
Abacı Ö. C. , Esentürk O., Yılmaz A.  
Anorganik Kimya Kongresi, Çorum, Turkey, 19 - 22 June 2019, pp.33

## Supported Projects

YILMAZ A., UZUN M. B. , ABACI Ö. C. , Project Supported by Higher Education Institutions, CaB4O7 Borat Bileşiklerinin Sentezi Optik Özelliklerinin Araştırılması ve Nötron Hassasiyet Ölçümleri, 2021 - Continues

YILMAZ A., ABACI Ö. C. , Project Supported by Higher Education Institutions, Ce3Tb3 Ce3Dy3 Yb3Er3 ikili katkılı LaBO3 fosforlarının optik özelliklerinin incelenmesi Optical Properties of Ce3Tb3 Ce3Dy3 Yb3Er3 codoped LaBO3, 2020 - 2021

## Scientific Refereeing

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, July 2019