

## Res. Asst. SÜMEYYE VEZİROĞLU

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-9190-4897

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### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Fizik, Turkey 2019 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Fizik, Turkey 2016 - 2019

Undergraduate, Marmara University, Faculty of Arts and Sciences, Physics, Turkey 2011 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Negative mass and the equivalence principle in general relativity, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Fizik, 2019

### Research Areas

Physics

### Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Arts and Sciences, Physics, 2021 - Continues

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

- I. **Free volume impact on ionic conductivity of PVdF/GO/PVP solid polymer electrolytes via positron annihilation approach**  
Yilmazoğlu M., Okay H., ABACI U., Tekay E., Coban O., VEZİROĞLU S., YUMAK YAHŞI A., TAV C., YAHŞI U.  
Radiation Physics and Chemistry, vol.229, 2025 (SCI-Expanded)
- II. **The Influence of Defects on the Structural, Optical, and Antibacterial Properties of Cr/Cu Co-Doped ZnO Nanoparticles**  
Arda L., Raad Z., VEZİROĞLU S., TAV C., YAHŞI U.  
Journal of Molecular Structure, vol.1320, 2025 (SCI-Expanded)

### III. **Synthesis, Structure, Photoluminescence, and Optical Properties of (Co/B) Co-Doped ZnO Nanoparticles**

Arda L., Veziroglu S., Özdoğan K., Özüğurlu E.

Particle and Particle Systems Characterization, vol.41, no.10, 2024 (SCI-Expanded)

#### **Metrics**

Publication: 3

#### **Scholarships**

2211-A Genel Yurt İçi Doktora Burs Programı, TÜBİTAK, 2023 - Continues

#### **Awards**

Veziroğlu S., Fizik Bölüm Birinciliği, Marmara Üniversitesi, June 2015