

## Res. Asst. ŞEVVAL TAŞDEMİR

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-4106-7872

Publons / Web Of Science ResearcherID: HNB-7976-2023

Yoksis Researcher ID: 357740

### Education Information

Doctorate, Kocaeli University, Turkey 2023 - Continues

Postgraduate, Istanbul University, Institute Of Graduate Studies In Sciences, Turkey 2019 - 2022

Undergraduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 2014 - 2019

### Dissertations

Postgraduate, Topolojik Weyl yarımetallerinin elektronik ve optik özellikleri, Istanbul University, Faculty Of Science, Department Of Physics, 2022

### Research Areas

Physics, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Kocaeli University, Fen Edebiyat Fakültesi, Fizik, 2022 - Continues

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

- Topological Behavior of Spectral Singularities in Topological Weyl Semimetals**  
Sarışaman M., Taşdemir Ş., Rostamzadeh S.  
JOURNAL OF PHYSICS CONDENSED MATTER, vol.1, pp.1-14, 2024 (SCI-Expanded)
- Tilt-induced vortical response and mixed anomaly in inhomogeneous Weyl matter**  
Taşdemir Ş.  
PHYSICAL REVIEW B, vol.107, no.7, 2023 (SCI-Expanded)

### Articles Published in Other Journals

- Transfer Matrix Formalism for Two-Dimensional (2D) Superconducting Material**  
Taşdemir Ş.

## **Scientific Refereeing**

Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, National Scientific Refreed Journal, October 2022

## **Tasks In Event Organizations**

Gürbüz M., Taşdemir Ş., Çobanoğlu O., Aksan S., Çay İ., Kocaeli Science Congress, Scientific Congress, Kocaeli, Turkey, Ekim 2024

## **Congress and Symposium Activities**

6th International Conference on Life and Engineering Sciences, Invited Speaker, Antalya, Turkey, 2023

9. Yoğun Madde Fiziği İzmir Toplantısı, Invited Speaker, İzmir, Turkey, 2022

3RD WORKSHOP ON HIGH ENERGY PHYSICS, ASTROPHYSICS AND COSMOLOGY (HEPAC), Attendee, İstanbul, Turkey, 2020