

# Res. Asst. ŞAHİN KÜREKÇİ

## Personal Information

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## Education Information

2013 - 2015 Postgraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey

## Dissertations

2015 Basics of massive spin-2 theories, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Postgraduate

## Research Areas

Optics and Photonics, Physics

## Academic Titles / Tasks

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

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

- I. Entropy in Born-Infeld gravity  
ALICI G. D. , KÜREKÇİ Ş., TEKİN B.  
PHYSICAL REVIEW D, vol.96, no.12, 2017 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. Deep learning-based image transmission through a multi-mode fiber  
KÜREKÇİ Ş., Temur A. T. , Odabas M. E. , Afshari G., YÜCE E.  
Unconventional Optical Imaging II 2020, Virtual, Online, France, 6 - 10 April 2020, vol.11351
- II. Deep Learning Image Transmission Through a Multi-mode Fiber  
Kürekci Ş., Temur A. T. , Odabaş M. E. , Yüce E.  
21. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı, İstanbul, Turkey, 06 September 2019
- III. Improving Fiber Bend Sensor via Wavefront Shaping  
Afshari G., Kürekci Ş., Yüce E.  
21. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı, İstanbul, Turkey, 06 September 2019
- IV. Focusing Light Through Scattering Medium  
Kürekci Ş., Yeşil C., Afshari G., Tabak M., Yüce E.  
20. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı, Ankara, Turkey, 14 August 2018

## Supported Projects

2018 - 2019

Rastgele Saçılmanın Işığın Frekansına Verdiği Tepkinin Hesaplanması, Project Supported by  
Higher Education Institutions

## Patent

2020

Patent

2020

Patent

## Citations

- I. Total Citations (WOS): 3
- II. h-index (WOS): 1