

## Res. Asst. KÜBRA ÇIRÇIR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-4704-2021

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### Education Information

Postgraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2013 - Continues

Undergraduate, Dumlupınar Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2008 - 2011

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2013 - Continues

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

- I. **Electrical crosstalk suppression for mesa-based in-device passivated InGaAs photodetectors**  
Çirçir K., Kocaman S.  
INFRARED PHYSICS & TECHNOLOGY, vol.127, 2022 (SCI-Expanded)
- II. **Optimization of in-device depleted passivation layer for InGaAs photodetectors**  
Çirçir K., Dolas M. H., Kocaman S.  
Infrared Physics and Technology, vol.97, pp.360-364, 2019 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Inter-pixel crosstalk improvement based on a thin crosstalk-block layer for mesa-based InGaAs photodetectors**  
ÇIRÇIR K., KOCAMAN S.  
Quantum Sensing and Nano Electronics and Photonics XIX 2023, California, United States Of America, 29 January - 02 February 2023, vol.12430
- II. **Crosstalk Analysis for Mesa-based In-device Passivated InGaAs Photodetectors**  
ÇIRÇIR K., KOCAMAN S.  
Conference on Optical Components and Materials XIX at SPIE OPTO Conference, ELECTR NETWORK, 22 January - 28 February 2022, vol.11997

**III. Characterization of Depleted In-Device Passivation Layer for InGaAs Photodetectors**

ÇIRÇIR K., Dolaş M. H., KOCAMAN S.

Quantum Structure Infrared Photodetector International Conference QSIP 2018, 16 - 21 June 2018

**IV. Optimization of Mesa Structured InGaAs Based Photodiode Arrays**

Dolas M. H., ÇIRÇIR K., KOCAMAN S.

Conference on Image Sensing Technologies - Materials, Devices, Systems, and Applications IV, California, United States Of America, 12 - 13 April 2017, vol.10209

**Metrics**

Publication: 6

Citation (WoS): 12

Citation (Scopus): 17

H-Index (WoS): 2

H-Index (Scopus): 2