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

- I. **LIPSS for SERS: Metal Coated Direct Laser Written Periodic Nanostructures for Surface Enhanced Raman Spectroscopy**  
Erkizan S. N., İDİKUT F., Demirtas O., Goodarzi A., Demir A. K., Borra M., PAVLOV I., BEK A.  
ADVANCED OPTICAL MATERIALS, vol.10, no.22, 2022 (SCI-Expanded)
- II. **Characterization of a terahertz wave scanned imaging system for threat detection at standoff distances**  
YILDIRIM İ. S., ÖZKAN V. A., Idikut F., Takan T., ŞAHİN A. B., ALTAN H.  
OPTICAL AND QUANTUM ELECTRONICS, vol.48, no.7, 2016 (SCI-Expanded)

### Books & Book Chapters

- I. **Sub-micron Direct Silicon Processing by Microsphere Focused Femtosecond Infrared Laser**  
İDİKUT F., KARAGÖZ B., BEK A.  
in: Advances in Optics: Reviews Book Series, Volume 5, Y. Yurish, Sergey, Editor, International Frequency Sensor Association (IFSA) Publishing, S. L., pp.473-484, 2021

### Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of Cell Response to Femtosecond-Laser Induced Substrate Topography**  
Mingu S., İDİKUT F., PAVLOV I., SON Ç. D., BEK A.  
21. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı, İstanbul, Turkey, 06 September 2019
- II. **Subsurface Silicon Processing by Microsphere Focusing of Ultrafast Infrared Laser**  
İDİKUT F., Borra M. Z., Seyedpour S. E., BEK A.  
2nd International Conference on Optics, Photonics and Lasers (OPAL), Amsterdam, Netherlands, 24 - 26 April 2019, pp.69-70
- III. **Terahertz wave scanned imaging system for threat detection at standoff distances**  
YILDIRIM İ. O., ÖZKAN V. A., Idikut F., TAKAN T., ŞAHİN A. B., ALTAN H.  
PHOTONICA 2015, 24 - 28 August 2015
- IV. **Compressive sensing imaging through a drywall barrier at sub-THz and THz frequencies in transmission and reflection modes**  
Takan T., ÖZKAN V. A., Idikut F., Yildirim I. O., ŞAHİN A. B., ALTAN H.  
Conference on Image and Signal Processing for Remote Sensing XX, Amsterdam, Netherlands, 22 - 24 September

2014, vol.9244

V. **Image Reconstruction and Optimization Using a Terahertz Scanned Imaging System**

Yıldırım I. O., ÖZKAN V. A., Idikut F., Takan T., ŞAHİN A. B., ALTAN H.

Conference on Electro-Optical Remote Sensing, Photonic Technologies, and Applications VIII and Military Applications in Hyperspectral Imaging and High Spatial Resolution Sensing II, Amsterdam, Netherlands, 22 - 23 September 2014, vol.9250

## Metrics

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