

Res. Asst. FIRAT İDİKUT

Personal Information

Email: idikut@metu.edu.tr

Web: <https://avesis.metu.edu.tr/idikut>

International Researcher IDs

ORCID: 0000-0002-4376-4049

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Yoksis Researcher ID: 301624

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.
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- 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.
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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

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- 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**
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- IV. **Compressive sensing imaging through a drywall barrier at sub-THz and THz frequencies in transmission and reflection modes**
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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

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

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