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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABH-4385-2020

ScopusID: 57191365495

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Education Information

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Metalurji Ve Malzeme MühendisliĐi (YI) (Tezli), Turkey 2013 - Continues

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, Turkey 2010 - 2013

Dissertations

Postgraduate, NANOTEL İÇEREN POLİMER BAZLI NANOKOMPOZİTLERİN ÜRETİMİ VE KARAKTERİZASYONU, Middle East Technical University, Graduate School of Natural and Applied Sciences, Graduate School of Natural and Applied Sciences, 2016

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Nanomaterials

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 2010 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Post-treatment optimization for silver nanowire networks in transparent droplet-based TENG sensors**
Cakir O., DOĐANAY D., Cugunlular M., Cicek M. O., DEMİRCİOĐLU O., COŐKUN Ő., ÜNALAN H. E.
Nano Energy, vol.128, 2024 (SCI-Expanded)
- II. Lightweight, flexible, and antimicrobial X-ray shielding composites with liquid metal-derived bismuth-tin core-shell particles**

Dincer O., ŐEYDA D., AKCA G., Cengiz B., Gorur M. C., DOĐANAY D., ÜNALAN H. E., ÇINAR AYGÜN S.
APPLIED MATERIALS TODAY, vol.38, 2024 (SCI-Expanded)

III. **All-Solution Processed, Highly Stable MXene/Cu Nanowire Networks for Flexible Transparent Thin-Film Heaters**

ÇETİN K. Ö., Cakir O., Koylan S., DOĐANAY D., Khan Y., ÜNALAN H. E.
ACS APPLIED NANO MATERIALS, vol.6, no.23, pp.22446-22458, 2023 (SCI-Expanded)

IV. **3D printing of hexagonal boron nitride nanosheets/polylactic acid nanocomposites for thermal management of electronic devices**

Gorur M. C., Doganay D., Durukan M. B., Cicek M. O., Kalay Y. E., Kincal C., Solak N., Ünal H. E.
COMPOSITES PART B-ENGINEERING, vol.265, 2023 (SCI-Expanded)

Metrics

Publication: 53

Citation (WoS): 357

Citation (Scopus): 400

H-Index (WoS): 9

H-Index (Scopus): 10