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International Researcher IDs

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Education Information

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Metallurgical and Materials Engineering, Turkey 2022 - Continues

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, Turkey 2017 - 2022

Foreign Languages

English, C1 Advanced

Research Areas

Metallurgical and Materials Engineering, Optical Properties, Material Characterization, Nanomaterials

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Bismuth-Tin Core-Shell Particles From Liquid Metals: A Novel, Highly Efficient Photothermal Material that Combines Broadband Light Absorption with Effective Light-to-Heat Conversion**
ŞEYDA D., Dincer O., İnce D., Cugunlular M., ÜNALAN H. E., ÇINAR AYGÜN S.
Advanced Science, vol.11, no.45, 2024 (SCI-Expanded)
- II. Lightweight, flexible, and antimicrobial X-ray shielding composites with liquid metal-derived bismuth-tin core-shell particles**
Dincer O., ŞEYDA D., AKCA G., Cengiz B., Gorur M. C., DOĞANAY D., ÜNALAN H. E., ÇINAR AYGÜN S.
APPLIED MATERIALS TODAY, vol.38, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Photothermal properties of Liquid metal derived BiSn core-shell particles**
Şeyda D., Dinçer O., İnce D., Çuğunlular M., Ünalın H. E., Çınar Aygün S.
17th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, İzmir, Turkey, 27 - 29 August 2023, pp.1
- II. **Patterning and Chemically Tunable Electrostatic Interactions of BiSn@SnO Core-Shell Colloidal Particles**
Dinçer O., Şeyda D., Çınar Aygün S.
16th Nanoscience and Nanotechnology Conference, Ankara, Turkey, 5 - 08 September 2022, pp.46
- III. **Synthesis and Functionalization of Mesoporous Silica Nanoparticles to Fight Breast Cancer**
Küçük İ. E., ŞEYDA D., Kaçar S. B., Karadayı H., Şimşek F., Karaaslan G., Doğan Y. E.
16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Turkey, 05 September 2022

Metrics

Publication: 7