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Personal Information

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Research Areas

Metallurgical and Materials Engineering, Nanomaterials, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 2019 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Highly stable silver-platinum core-shell nanowires for H₂O₂ detection**
Koylan S., Tunca S., Polat G., Durukan M. B., Kim D., Kalay Y. E., Ko S. H., Ünal H. E.
NANOSCALE, vol.13, no.30, pp.13129-13141, 2021 (Journal Indexed in SCI)
- II. **Advances in protective layer-coating on metal nanowires with enhanced stability and their applications**
Bang J., Coşkun Ş., Pyun K. R., Doğanay D., Tunca S., Koylan S., Kim D., Ünal H. E., Ko S. H.
Applied Materials Today, vol.22, 2021 (Journal Indexed in SCI)
- III. **All-Solution-Processed, Oxidation-Resistant Copper Nanowire Networks for Optoelectronic Applications with Year-Long Stability**
Genlik S. P., TİGAN D., Kocak Y., Ercan K. E., ÇİÇEK M. Ö., Tunca S., KOYLAN S., Coskun S., ÖZENSOY E., ÜNALAN H. E.
ACS APPLIED MATERIALS & INTERFACES, vol.12, no.40, pp.45136-45144, 2020 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Reduced Graphene Oxide Aerogel – Molybdenum Disulfide Supercapacitor Electrodes on Nickel Foams**
AYDINLI A., DOĞAN Ö., KOYLAN S., BAT E., ÜNALAN H. E.
14th NANOSCIENCE AND NANOTECHNOLOGY CONFERENCE, İzmir, Turkey, 22 - 25 September 2018

Citations

Total Citations (WOS):8

h-index (WOS):2