

Personal Information

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Education Information

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

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

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

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

- **3D printed antibacterial silver nanowire/polylactide nanocomposites**
Bayraktar I., DOĞANAY D., Coskun S., KAYNAK C., Akca G., ÜNALAN H. E.
Composites Part B: Engineering, vol.172, pp.671-678, 2019 (Journal Indexed in SCI)
- **Silver nanowire networks as transparent top electrodes for silicon solar cells**
AURANG P., DOĞANAY D., BEK A., TURAN R., ÜNALAN H. E.
SOLAR ENERGY, vol.141, pp.110-117, 2017 (Journal Indexed in SCI)
- **Silver nanowire decorated heatable textiles**
DOĞANAY D., Coskun S., Genlik S. P. , ÜNALAN H. E.
NANOTECHNOLOGY, vol.27, 2016 (Journal Indexed in SCI)
- **Electrical, mechanical and thermal properties of aligned silver nanowire/polylactide nanocomposite films**
DOĞANAY D., Coskun S., KAYNAK C., ÜNALAN H. E.
COMPOSITES PART B-ENGINEERING, vol.99, pp.288-296, 2016 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **3D Printed Antibacterial Ag NW/PLA Nanocomposites**
bayraktar i., DOĞANAY D., COŞKUN Ş., kanicioglu a., akça g., ÜNALAN H. E.
MRS Fall Meeting 2017, 26 November 2017
- **Silver Nanowire Heaters on Glass and Textiles**
COŞKUN Ş., Ergün O., DOĞANAY D., POLAT GENLİK S., yusufoğlu y., ÜNALAN H. E.
TMS 2017 146th Annual Meeting and Exhibition, 26 February 2017
- **Silver Nanowire Decorated Antibacterial Fabrics**
DOĞANAY D., kanicioglu a., COŞKUN Ş., akça g., ÜNALAN H. E.
MRS Fall Meeting 2017, 26 November 2017

- **Antibacterial Silver Nanowire-Chitosan Nanocomposite Films**
DOĞANAY D., Somek K., Aydın D., Kanicioglu A., COŞKUN Ş., akça g., ÜNALAN H. E.
MRS Fall meeting 2017, 26 November 2017
- **Silicon Solar Cells With Silver Nanowire Network Top Electrodes**
Aurang P., DOĞANAY D., ES F., BEK A., TURAN R., ÜNALAN H. E.
MRS Fall Meeting' 2016, 27 November - 02 December 2016
- **Characterization of Silver Nanowire Modified Textile Heaters**
DOĞANAY D., COŞKUN Ş., POLAT GENLİK S., ÜNALAN H. E.
18th International Metallurgy & Materials Congress, 29 September - 01 October 2016
- **SILVER NANOWIRE COATED HEATABLE TEXTILES**
DOĞANAY D., COŞKUN Ş., ÜNALAN H. E.
7 th European Conference on Protective Clothing, 23 - 25 May 2016
- **Silver Nanowire Networks as Transparent Top Electrodes For Single Crystalline Silicon Solar Cells**
Aurang P., DOĞANAY D., COŞKUN Ş., ES F., TURAN R., ÜNALAN H. E.
EMRS Spring Meeting' 2016, 2 - 06 May 2016
- **SILVER NANOWIRE NETWORK AS TRANSPARENT TOP ELECTRODE FOR SILICON SOLAR CELLS**
aurang p., DOĞANAY D., BEK A., ES F., TURAN R., ÜNALAN H. E.
emrs2016 spring, 2 - 06 May 2016
- **Electrical Properties of Silver Nanowire Polylactide Nanocomposite Films**
DOĞANAY D., Çoşkun Ş., KAYNAK C., ÜNALAN H. E.
MRS Fall Meeting & Exhibit , Boston, USA , Symposium H, 29 November - 04 December 2015
- **Electrical Conductivity of Silver Nanowire Polylactide Nanocomposite Films**
DOĞANAY D., ÇOŞKUN Ş., KAYNAK C., ÜNALAN H. E.
Uluslararası Katılımlı III. Ege Kompozit Malzemeler Sempozyumu - KompEGE III -, Kuşadası, Turkey, 5 - 07 November 2015
- **Effects of Silver Nanowires on the Behavior of Polylactide Nanocomposite Films**
DOĞANAY D., Çoşkun Ş., ÜNALAN H. E. , KAYNAK C.
144th Annual Meeting & Exhibition of TMS Society - TMS 2015, Orlando, USA, 15 - 19 March 2015

Supported Projects

ÜNALAN H. E. , DOĞANAY D., ÇIRPAN A., Project Supported by Higher Education Institutions, 3 BOYUTLU YAZICI YARDIMIYLA GÜMÜŞ NANOTEL KATKILI PLA NANOKOMPOZİT ÜRETİMİ, 2015 - 2016

Citations

Total Citations (WOS):79

h-index (WOS):4