

Res. Asst. METE BATUHAN DURUKAN

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 2015 - Continues

Under Graduate, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, Turkey 2009 - 2015

Research Areas

Material science and engineering, Semiconductor and Superconductor Materials, Chemical and Electrochemical Properties, Corrosion and Corrosion Protection, Composites, Polymeric Materials, Nanomaterials

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 2015 - Continues

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

- **Cobalt Oxide Nanoflakes on Single Walled Carbon Nanotube Thin Films for Supercapacitor Electrodes**
DURUKAN M. B. , Yuksel R., ÜNALAN H. E.
ELECTROCHIMICA ACTA, vol.222, pp.1475-1482, 2016 (Journal Indexed in SCI)
- **Flexible supercapacitor electrodes with vertically aligned carbon nanotubes grown on aluminum foils**
Dogru I. B. , DURUKAN M. B. , Turel O., ÜNALAN H. E.
PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL, vol.26, pp.232-236, 2016 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Laser Ablated Single Walled Carbon Nanotube Films as Microsupercapacitors**
DURUKAN M. B. , çınar k., BEK A., ÜNALAN H. E.
19th International Metallurgy and Materials Congress, 25 - 27 October 2018
- **Microcapacitors from Laser Ablated Multi Walled Carbon Nanotube Films**
DURUKAN M. B. , kadir c., BEK A., ÜNALAN H. E.
MRS Fall Meeting 2017, 26 November 2017
- **Single Walled Carbon Nanotube Cobalt Oxide Nanocomposites as Supercapacitor Electrode Materials**

DURUKAN M. B. , YÜKSEL R., ÜNALAN H. E.

MRS Fall Meeting' 2015, 29 November - 04 December 2015

Supported Projects

ÜNALAN H. E. , DURUKAN M. B. , Project Supported by Higher Education Institutions, MOLİBĐEN DİSÜLFÜR (MoS₂)/GRAFEN NANOKOMPOZİTLERİNİN ÜRETİMİ VE SÜPERKAPASİTÖRLERDE KULLANIMI, 2018 - 2019

ÜNALAN H. E. , ÖZKUL S., DURUKAN M. B. , Project Supported by Higher Education Institutions, KAPASİTİF DEİYONİZASYON PROSESİNİN İYON GİDERME VERİMİNİ ARTTIRMAK AMACI İLE METAL OKSİTLER KULLANILARAK KAPASİTÖRLERİN GELİŞTİRİLMESİ, 2017 - 2017

Citations

Total Citations (WOS):32

h-index (WOS):2