

Res. Asst. EDA ALEMDAR

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 2017 - Continues

Post Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 2015 - 2017

Under Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 2010 - 2015

Dissertations

Post Graduate, Functionalization of nanomaterial: Applied for environmental remediation, Orta Doğu Teknik Üniversitesi, Faculty of Arts and Sciences, Department of Chemistry, 2017

Research Areas

Conductive Polymers, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Films, Polymeric Materials, Surface Chemistry

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 2015 - 2023

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

- **A comprehensive study: Theoretical and experimental investigation of heteroatom and substituent effects on frontier orbitals and polymer solar cell performances**
Cevher Ş. C. , Hizalan G., Alemdar Yılmaz E., Cevher D., Udum Arslan Y., Toppare L., Yıldırım E., Çirpan A.
JOURNAL OF POLYMER SCIENCE, 2020 (Journal Indexed in SCI)
- **Synthesis and characterization of optical, electrochemical and photovoltaic properties of selenophene bearing benzodithiophene based alternating polymers**
Atli G. O. , Yılmaz E., Aslan S., Udum Y. A. , Toppare L. K. , ÇIRPAN A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.862, 2020 (Journal Indexed in SCI)

Invited Congress and Symposium Activities

Polimer2018, Attendee, Eskişehir, Turkey, 2018

PVCON 2018, Attendee, Ankara, Turkey, 2018

Citations

Total Citations (WOS):1

h-index (WOS):1