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Education Information

Doctorate, Middle East Technical University, Turkey 2010 - 2016
Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 2003 - 2008

Research Areas

Physical Chemistry

Advising Theses

ÖZDEMİR HACIOĞLU Ş., KBRN tehditleri yönetimine hastane öncesi acil sağlık hizmetleri açısından bir değerlendirme: SWOT analizi, Postgraduate, G.TİTİZ(Student), 2021
ÖZDEMİR HACIOĞLU Ş., ÇOK FONKSİYONLU BİR KİNOKSALİN VE BENZODİTİYOFEN TAŞIYAN POLİMERİN SENTEZİ VE ELEKTROKROMİK CİHAZ UYGULAMALARI, Postgraduate, S.SÜRMELİ(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Multipurpose acetic acid functionalized carbazole derivatives: Synthesis, electrochemical properties and electrochromic device applications**
Hacioglu Ş., YİĞİT D., Akbey T. E., UDUM Y., GÜLLÜ M., DEPCİ T., TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.908, 2022 (SCI-Expanded)

II. **Non-fullerene organic photovoltaics based on thienopyrroledione comprising random copolymers; effect of alkyl chains**
Yasa M., Depci T., Alemdar E., Hacioglu Ş., Çırpan A., Toppare L. K.
RENEWABLE ENERGY, vol.178, pp.202-211, 2021 (SCI-Expanded)

III. **Effect of thiophene, 3-hexylthiophene, selenophene, and Thieno[3,2-b] thiophene spacers on OPV device performance of novel 2,1,3-benzothiadiazole based alternating copolymers**
Karaman C. Z., Goker S., Sahin U. S., Hacioglu Ş., Aslan S. T., Haciefendioglu T., Hizalan G., YILDIRIM E., ÇIRPAN A., TOPPARE L. K.

JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.895, 2021 (SCI-Expanded)

IV. **Altering Electronic and Optical Properties of Novel Benzothiadiazole Comprising Homopolymers via π Bridges**
Karaman C., Goeker S., Hacioglu Ş., Haciefendioglu T., YILDIRIM E., TOPPARE L. K.
Journal of the Electrochemical Society, vol.168, no.3, 2021 (SCI-Expanded)

V. **Enhancing electrochemical and electrochromic performances of carbazole comprising monomer via copolymerization with 3,4-ethylenedioxythiophene (EDOT)**
Kalay I., Yigit D., GÜLLÜ M., DEPCİ T., Toppare L., Hacioglu Ş.
Synthetic Metals, vol.267, 2020 (SCI-Expanded)

Metrics

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