

## **Personal Information**

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## **International Researcher IDs**

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## **Education Information**

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Polymer Science and Technology, Turkey 2023 - Continues

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Polymer Science and Technology, Turkey 2020 - 2023

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Polymer Science and Technology, Turkey 2020 - 2021

Undergraduate, Marmara University, Faculty Of Arts And Sciences, Chemistry, Turkey 2016 - 2020

## **Foreign Languages**

English, C2 Mastery

## **Dissertations**

Postgraduate, Polyurethane Based Flexible Gel Polymer Electrolyte for Lithium-ion Batteries, Marmara University, Faculty of Arts and Sciences, Chemistry, 2021

## **Research Areas**

Polymeric Materials, Chemistry, Engineering and Technology

## **Academic Titles / Tasks**

Research Assistant, Marmara University, Faculty of Arts and Sciences, Chemistry, 2021 - Continues

## **Published journal articles indexed by SCI, SSCI, and AHCI**

### **I. Photo-Crosslinked Polyurethane—Containing Gel Polymer Electrolytes via Free-Radical Polymerization Method**

Uyumaz F., Yerkinbekova Y., Kalybekkyzy S., Kahraman M. V.

POLYMERS, vol.16, no.18, pp.1-15, 2024 (SCI-Expanded)

## II. Thiol-Ene Photo Crosslinked PUA-PUMA-Based Flexible Gel Polymer Electrolyte for Lithium-Ion Batteries

Uyumaz F., Nurgaziyeva E., Kalybekkyzy S., Kahraman M. V.

MACROMOLECULAR MATERIALS AND ENGINEERING, vol.2400051, pp.1-9, 2024 (SCI-Expanded)

## Books & Book Chapters

### I. 4. Bölüm SEPERATÖR MALZEMELERİ

TANÇ KAYA B., ZEYTUNCU GÖKOĞLU B., UYUMAZ F., CENGİZ E. Ş., KAHRAMAN M. V.

in: Elektrikli Araçlarda Lityum İyon Bataryalar, KELEŞ ÖZGÜL, Editor, Otomotiv Teknoloji Platformu (OTEP), pp.129-150, 2024

## Refereed Congress / Symposium Publications in Proceedings

### I. POLYURETHANE BASED FLEXIBLE GEL POLYMER ELECTROLYTE FOR LITHIUM-ION BATTERIES

Uyumaz F., Kahraman M. V., Kalybekkyzy S.

9th International Conference on Materials Science and Nanotechnology for Next Generation, Ankara, Turkey, 22 - 24 September 2022, vol.1, pp.178-179

## Supported Projects

Elçioğlu H. K., Kahraman M. V., Çubuk S., Rayaman P., Uyumaz F., Taşkın T., Kiyak Kırmacı H., TUBITAK Project, Diyabetik Yaralar İçin Tamamen Biyobazlı Karbon Kuantum Nokta/Nanofiber Esaslı Doku Örtüsü Geliştirilmesi, 2024 - 2026  
Kahraman M. V., UYUMAZ F., Project Supported by Higher Education Institutions, Poliüretan sektörü için yenilikçi malzemelerin geliştirilmesi ve ticarileşme potansiyelinin ortaya konulması, 2023 - 2026

Kahraman M. V., TUBITAK Project, Sürdürülebilir Döngüsel Ekonomi için Katma Değerli İleri Nanoteknolojik Malzemeler ve Sistemler-LignoNano, 2022 - 2026

Uyumaz F., TUBITAK Project, Çevresel sürdürülebilirliğe katkıda bulunabilecek Araç Lastiği ve Melamin atıklarından Karbon kuantum noktaların sentezi ve karakterizasyonu : Ağır metal iyonlarının tespiti için floresan sensör uygulamaları, 2024 - 2024

Uyumaz F., Kahraman M. V., Project Supported by Higher Education Institutions, Polyurethane Based Flexible Gel Polymer Electrolyte for Lithium-Ion Batteries, 2022 - 2023

## Metrics

Publication: 4