

Res. Asst. Aysa Güvensoy Morkoyun

Personal Information

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Education Information

Doctorate, Istanbul Technical University, Kimya-Metalurji, Kimya Mühendisliği, Turkey 2019 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2016 - 2018

Undergraduate Double Major, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, Turkey 2013 - 2018

Undergraduate, Istanbul Technical University, Kimya-Metalurji, Kimya Mühendisliği, Turkey 2011 - 2016

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Fabrication of Amino Acid Functionalized CNT/Polyamide Thin Film Nanocomposite Desalination Membranes, Istanbul Technical University, Kimya-Metalurji, Kimya Mühendisliği, 2018

Research Areas

Chemical Engineering and Technology, Membrane Technology, Nanomaterials, Biological Modelling

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Kimya-Metalurji, Kimya Mühendisliği, 2017 - Continues

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

1. **Computational assessment of thermostability in miRNA:CNT system using molecular dynamics simulations**

Güvensoy Morkoyun A., Kurkcuoglu O.

BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS, vol.1865, no.2, 2021 (Journal Indexed in SCI)

Supported Projects

Ersolmaz Ş. B. , Güvensoy A., Project Supported by Higher Education Institutions, Amino asit fonksiyonelleştirilmiş

karbon nanotüp katkılı ince film nanokompozit membran üretimi, 2017 - 2019

Ersolmaz Ş. B. , Oral Ç., Sirkecioğlu A., Ahunbay M. G. , TUBITAK Project, Yüksek Bor Ayırma Kapasitesine Sahip Yeni Nesil Ince Film Nanokompozit Desalinasyon Membranı Üretimi, 2015 - 2018

Scientific Research / Working Group Memberships

Membrane Materials And Separations , Istanbul Technical University, Turkey, <http://memasep.itu.edu.tr/index.php>, 2016
- Continues

Edit Congress and Symposium Activities

Euromembrane 2018, Attendee, Valencia, Spain, 2018

12. Ulusal Kimya Mühendisliği Kongresi, Attendee, İzmir, Turkey, 2016