

Asst. Prof. Firdevs MERT SIVRI

Personal Information

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Education Information

Doctorate, Akdeniz University, Institute Of Science, Kimya Eğitimi, Turkey 2012 - 2016

Postgraduate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2009 - 2011

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Kimya, Turkey 2003 - 2007

Dissertations

Doctorate, LÖKOSİT AYIRIMINDA KULLANILABİLECEK KAN FİLTRE MEDYASININ MELT-BLOWN TEKNİĞİ İLE POLİESTER-POLİAMİD KARIŞIM POLİMERLERİNDEN ÜRETİM PARAMETRELERİNİN BELİRLENMESİ, Akdeniz University, Fen Bilimleri Enstitüsü, 2016

Postgraduate, Azo grubu içeren ftalosiyanınların mikrodalga yardımcı sentezi ve karakterizasyonu, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, 2011

Research Areas

Polymeric Materials, Biomaterials, Nanomaterials, Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Spectroscopical Methods

Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of Process Parameters on Fiber Diameter and Fiber Distribution of Melt-Blown Polypropylene Microfibers Produced by Biax Line**
HODA N., MERT SIVRI F., Kara F., ATASAĞUN H. G. , Bhat G. S.
FIBERS AND POLYMERS, vol.22, no.1, pp.285-293, 2021 (Journal Indexed in SCI)
- II. **Microwave-assisted synthesis and characterization of phthalocyanines substituted with azo compound containing eugenol moiety**
KANTAR C., Mert F., ŞAŞMAZ S.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.696, no.18, pp.3006-3010, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Biosynthesis of Bimetallic Ag-Au (core-shell) Nanoparticles Using Aqueous Extract of Bay Leaves**

(Laurus nobilis L.)

Hoda N., Budama Akpolat L., Mert Sivri F., Kurtuluş D.

Journal of the Turkish Chemical Society Section A: Chemistry, pp.1-13, 2021 (Refereed Journals of Other Institutions)

II. Comparison Of Ethylene Adsorption Onto Activated Carbon Cloth And Granulated Activated Carbon In Dynamic Phase.

Mert Sivri F.

JOURNAL OF ONGOING CHEMICAL RESEARCH, vol.4, no.1, pp.1-5, 2019 (Refereed Journals of Other Institutions)

III. Utilization Of Activated Carbon Cloth For Cigarette Smoke Filtration

Mert Sivri F., Hoda N., Topuz A., Tontul İ.

Eurasian Journal of Environmental Research, vol.1, no.2, pp.1-7, 2018 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Effect of Process Parameters on Structure and Properties of PP Nonwovens Produced by Melt Blowing

Hoda N., Mert Sivri F., Kara F., Bhat G. S., Atasagun H. G., Sıkdar P. P.

VII. International Technical Textiles Congress, İzmir, Turkey, 10 - 12 October 2018, pp.1

II. Synthesis of Ag, Au and Bimetallic Ag-Au Nanoparticles Using Aqueous Turmeric Extract

Mert Sivri F., Hoda N., Budama Akpolat L., Ambreen N.

5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.1

III. Synthesis of Gold Nanoparticles Using Rose Hip Extract and Their Characterization

Hoda N., Budama Akpolat L., Mert Sivri F., Erzengin M.

5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.1

IV. Biosynthesis of Bimetallic Ag-Au (coreshell) Nanoparticles Using Aqueous Extract of Bay Leaves (Laurus nobilis L.)

Hoda N., Budama Akpolat L., Mert Sivri F., Ambreen N.

5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Nevşehir, Turkey, 4 - 06 October 2018, pp.1

V. Effect of process parameters on fiber diameters of polypropylene microfibers produced by melt blowing in a biax line

HODA N., Mert F., Kara F., Bhat G. S.

Fiber Society 2017 Fall Meeting and Technical Conference and 2nd International Symposium on Materials from Renewables, ISMR 2017, Georgia, United States Of America, 8 - 10 November 2017, vol.2017-November

VI. Effects of Dietary Salt Supplementation on Growth Performance and Body Nutrient Composition of Turbot (Scophthalmus Maximus) in Brackish Water

Sevgili H., Kurtoğlu A., Oikawa M., Ertekin H., Çeliköz B., Aktaş Ö., Pak F., Mert Sivri F.

FABA (International Symposium on Fisheries and Aquatic Science), Antalya, Turkey, 3 - 05 November 2016, pp.1

VII. Atık Sulardaki Boya Giderimini Sağlamak İçin Aktif Karbon Kumaş Kullanımı

Mert Sivri F., Hoda N.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 29 August 2015, pp.1

VIII. Removal of Pharmaceutical Compounds Using Activated Carbon Cloth from Aqueous Solutions

Mert Sivri F., Budama Akpolat L., Hoda N.

Chemtech 2015 Chemical Technologies and Chemical Engineering Conference, İstanbul, Turkey, 15 - 17 April 2015, pp.1

IX. Aktif Karbon Kumaşının (GDSEL 651) Sigara Filtrasyonunda Kullanımı

Mert Sivri F., Tontul İ., Topuz A., Hoda N.

" 12. Ulusal Tesisat Mühendisliği Kongresi, İzmir, Turkey, 8 - 11 April 2015, pp.1

- X. **Gas Phase Adsorption of Dimethyl Sulfide on Activated Carbon Cloth (GDSEL651)**
Hoda N., Topuz A., Mert Sivri F., Budama Akpolat L., Erođlu E.
Filtech 2015, Augsburg, Germany, 24 - 26 February 2015, pp.1
- XI. **S3.5.1 development and evaluation of activated carbon cloth for smoke filtration**
HODA N., Mert F.
American Filtration and Separations Society Fall Conference 2015, AFS 2015, Tennessee, United States Of America, 5 - 08 October 2015
- XII. **Synthesis of TiO₂ Nanoparticles Using PS-b-PAA Reverse Micellefor UV Protective, Self- cleaning and Antibacterial Textile Application.**
Mert Sivri F.
COST MP0903 NANOALLOY, Lyon, France, 7 - 09 April 2013, pp.1
- XIII. **Azo Boyar Madde İçeren Ftalosiyeninlerin Mikrodalga Yardımlı Sentezi ve Karakterizasyonu**
Mert Sivri F., Kantar C., Şaşmaz S.
Zonguldak Karaelmas Üniversitesi, 24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.1

Supported Projects

Hoda N., TUBITAK Project, Lökosit filtresi üretimi, 2013 - 2016

Citations

Total Citations (WOS):13

h-index (WOS):1

Awards

Yörük C., Demirhan T., Kara F., Öpçin Ö. B. , Mert Sivri F., Hoda N., Polibenzoimidazol (PBI) / Silika Aeorojel Nanokompozit Liflerin Askeri Tekstillere Uygulanması, Uludağ Tekstil Ve İhracatçılar Birliği Uluslararası Ar-Ge Proje Pazarı, April 2017

Mert Sivri F., Hoda N., Poliakrilonitril(PAN) ile Lignin Kopolimerizasyonu ve Karbon Fiber Üretimi, Uludağ Tekstil Ve İhracatçılar Birliği Uluslararası Ar-Ge Proje Pazarı, May 2016

Hoda N., Öpçin Ö. B. , Budama Akpolat L., Mert Sivri F., Yeşil Kimya ile Üretilmiş Ag Nanopartiküllerinin Nanoliflere Uygulanması, Uludağ Tekstil Ve İhracatçılar Birliği Uluslararası Ar-Ge Proje Pazarı, May 2015