

Res. Asst. Barış SEZGİN

Personal Information

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Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Kimya / Organik Kimya, Turkey 2019 - Continues

Post Graduate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Organik Kimya Anabilim Dalı , Turkey 2016 - 2019

Under Graduate, Yildiz Technical University, Fen-Edebiyat Fakültesi, Kimya, Turkey 2011 - 2016

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, 1 YILDIZ DALICI, TÜRKİYE SUALTI SPORLARI FEDERASYONU, 2019

Dissertations

Post Graduate, POLAR GRUP SÜBSTİTÜELİ MUZ ŞEKİLLİ MESOGENLERİN SENTEZİ, KARAKTERİZASYONU VE ELEKTRO-OPTİK ÖZELLİKLERİNİN İNCELENMESİ , Yildiz Technical University, Fen Bilimleri Enstitüsü, Kimya/Organik Kimya, 2018

Research Areas

Chemistry, Organic Chemistry, Organic Reaction Mechanisms, Organic Spectroscopy, Organometallics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Suleyman Demirel University, Fen-Edebiyat Fakültesi , Kimya, 2018 - Continues

Articles Published in Other Journals

I. Novel Heterocyclic Azo Compounds: Synthesis, Characterization and DFT Calculations

IRMUMINOVA S., SEZGİN B., TİLKİ T.

Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.15, pp.319-329, 2020 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the antitumor properties of 5- Amino-4-Hetarylazo-3-Methyl-1h-Pyrazole by molecular docking study**
SEZGİN B., Karabacak Atay Ç., DEDE B., TİLKİ T.
International Conference on Technology and Science, Burdur, Turkey, 14 - 16 November 2019, pp.476-480
- II. **ANTHRANILIC ACID BASED AZO DYE: A MOLECULAR DOCKING STUDY FOR ANTIBACTERIAL ACTIVITY**
SEZGİN B., DEDE B., Karabacak Atay Ç., TİLKİ T.
2nd International Health Sciences and Life Congress, Burdur, Turkey, 24 - 27 April 2019, pp.1103-1107
- III. **OXIME DERIVATIVE AZO DYE : INVESTIGATION OF THE ANTITUMOR PROPERTIES BY MOLECULAR DOCKING STUDY**
Turgul O., SEZGİN B., Karabacak Atay Ç., DEDE B., TİLKİ T.
2nd International Health Sciences and Life Congress, Burdur, Turkey, 24 - 27 April 2019, pp.1108-1113
- IV. **Muz Şekilli Sıvı Kristallerin Polar Smektik Fazları**
SEZGİN B., Ocak H.
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018, vol.Poster-135, pp.135
- V. **The Effect of Molecular Chirality on Liquid Crystalline Phases of Banana-Shaped Compounds Derived From 4-Cyanoresorcinol**
Ocak H., SEZGİN B.
Eastwest Chemistry Conference, Lviv, Ukraine, 10 - 12 October 2018
- VI. **Terephthalate Based Bent-Core Liquid Crystals With a Chiral Moiety**
SEZGİN B., Ocak H.
1st INTERNATIONAL BALKAN CHEMISTRY CONGRESS, Edirne, Turkey, 17 - 20 September 2018, pp.19168
- VII. **4-Cyanoresorcinol Based Nonsymmetric Banana-Shaped Liquid Crystal**
SEZGİN B., Ocak H.
20th JCF-Frühjahrssymposium, Konstanz, Germany, 21 - 24 March 2018, pp.203
- VIII. **The Synthesis and Mesomorphism of Rod-Like Liquid Crystals with Benzyl and Cyano Terminal Group**
Vardar D., SEZGİN B., Karanlık G., Ocak H., Bilgin Eran B.
20th JCF-Frühjahrssymposium, Konstanz, Germany, 21 - 24 March 2018, pp.230

Supported Projects

Sezgin B., Yılan A., Topal S. N. , TUBITAK Project, TÜBİTAK 2209/A-2020/1. Dönemi Üniversite Öğrencileri Yurt İçi Araştırma Projeleri Destek Programı Araştırma Projesi-Aminoasit Türevi Yeni Azo Bileşiklerinin Sentezi, Karakterizasyonu, Teorik Hesaplamaları, in vitro ve in silico Antibakteriyel Aktivite Çalışmaları, 2020 - 2021
Sezgin B., Ocak H., Project Supported by Higher Education Institutions, Polar Grup Süstitüeli Muz Şekilli Mesogenlerin Sentezi Karakterizasyonu ve Elektrooptik Özelliklerinin İncelenmesi, 2017 - 2019

Memberships / Tasks in Scientific Organizations

International Liquid Crystal Society (ILCS), Member, 2020 - Continues