

## Assoc. Prof. SELÇUK EŐSİZ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: B-3056-2010

Yoksis Researcher ID: 181540

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (Dr), Turkey 2009 - 2015

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (YI) (Tezli), Turkey 2006 - 2009

Undergraduate, Ataturk University, Kazım Karabekir Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 2001 - 2006

### Dissertations

Doctorate, Bazı organik halojenürlerin sentezi ve çeşitli transformasyonlarda kullanımı, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (Dr), 2015

Postgraduate, Tetraklorobenzobarrelenin brominasyonu: Polihalojenlenmiş benzobarrelen türevlerinin sentezi, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (YI) (Tezli), 2009

### Academic Titles / Tasks

Hakkari University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2021 - Continues

Hakkari University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2016 - 2021

Research Assistant, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (Dr), 2012 - 2015

Research Assistant, Hakkari University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2011 - 2012

### Academic and Administrative Experience

Hakkari University, 2022 - Continues

Hakkari University, 2022 - Continues

Hakkari University, 2020 - Continues

Hakkari University, 2016 - 2021

Hakkari University, 2016 - 2017

### Courses

TLT107-Genel Kimya, Associate Degree, 2022 - 2023

BİS109-Çevre Kimyası, Associate Degree, 2022 - 2023

HEF103-Kimya 1, Undergraduate, 2022 - 2023  
CSP107-Genel Kimya, Associate Degree, 2022 - 2023  
CSP205-İçme Sularının Arıtımı, Associate Degree, 2022 - 2023  
KIM101-Genel Kimya, Undergraduate, 2022 - 2023  
Biyokimya, Associate Degree, 2021 - 2022  
İçme Sularının Arıtımı, Associate Degree, 2021 - 2022  
Laboratuvar Organizasyonu, Associate Degree, 2021 - 2022  
Çevre Kimyası, Associate Degree, 2021 - 2022  
Kimya, Undergraduate, 2021 - 2022  
Genel Kimya, Associate Degree, 2021 - 2022  
Genel Kimya, Undergraduate, 2021 - 2022  
Kimya, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Çevre Kimyası, Associate Degree, 2019 - 2020  
İçme Sularının Arıtımı, Associate Degree, 2019 - 2020  
Biyooorganik Kimya, Postgraduate, 2018 - 2019  
Genel Kimya, Undergraduate, 2018 - 2019  
Su Kirliliği ve Kontrolü, Associate Degree, 2017 - 2018  
Katı Atıklar, Associate Degree, 2017 - 2018  
Çevre ve Enerji, Associate Degree, 2016 - 2017  
Laboratuvar Organizasyonu, Associate Degree, 2016 - 2017  
Genel Kimya, Associate Degree, 2016 - 2017  
Su Kimyası ve Çevre Teknolojileri, Associate Degree, 2016 - 2017  
İş sağlığı ve Güvenliği, Associate Degree, 2016 - 2017

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

- I. **Computational Study on Chemoselective Difunctionalization of Unactivated Alkenes with Radical-mediated Remote Functional Group Migration**  
Lafzi F., EŞSİZ S.  
ChemPhysChem, vol.24, no.9, 2023 (SCI-Expanded)
- II. **Solvent-Mediated Tunable Regiodivergent C6- and N1-Alkylations of 2,3-Disubstituted Indoles with p-Quinone Methides**  
Adris D., TAŞKESEN LİGİL Y., AKYILDIZ V., EŞSİZ S., SARAÇOĞLU N.  
Journal of Organic Chemistry, vol.88, no.5, pp.3132-3147, 2023 (SCI-Expanded)
- III. **Revisiting the pyrolysis of 1,5-diaryl-1,2,5-triazapentadienes: A computational reaction mechanism study**  
Fıstıkçı M., EŞSİZ S.  
ChemistrySelect, vol.7, no.35, 2022 (SCI-Expanded)
- IV. **Efficient and regioselective synthesis of dihydroxysubstituted 2-aminocyclooctane-1-carboxylic acid and its bicyclic derivatives**  
Polat İ., Eşsiz S., BOZKAYA U., SALAMCI E.  
Beilstein Journal of Organic Chemistry, vol.18, pp.77-85, 2022 (SCI-Expanded)
- V. **A computational study of the reaction mechanism of 2,2-azobis(isobutyronitrile)-initiated oxidative cleavage of geminal alkenes**  
Eşsiz S., BOZKAYA U.  
Organic and Biomolecular Chemistry, vol.19, no.43, pp.9483-9490, 2021 (SCI-Expanded)
- VI. **Synthesis and biological evaluation of some 1-naphthol derivatives as antioxidants, acetylcholinesterase, and carbonic anhydrase inhibitors**  
Erdoğan M., Polat Köse L., Eşsiz S., GÜLÇİN İ.  
Archiv der Pharmazie, vol.354, no.8, 2021 (SCI-Expanded)

- VII. **A computational study for the reaction mechanism of metal-free cyanomethylation of aryl alkynoates with acetonitrile**  
Eşsiz S.  
RSC Advances, vol.11, no.30, pp.18246-18251, 2021 (SCI-Expanded)
- VIII. **Computational Study for the Reaction Mechanism of N-Hydroxyphthalimide-Catalyzed Oxidative Cleavage of Alkenes**  
Eşsiz S., BOZKAYA U.  
Journal of Organic Chemistry, vol.85, no.15, pp.10136-10142, 2020 (SCI-Expanded)
- IX. **1,2-Dibromotetrachloroethane: An efficient reagent for many transformations by modified Appel reaction**  
Essiz S., DAŞTAN A.  
Turkish Journal of Chemistry, vol.43, no.1, pp.150-156, 2019 (SCI-Expanded)
- X. **An efficient protocol for the synthesis of brominated norbornene, norbornadiene, and benzonorbornadiene**  
EŞSİZ S.  
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.1, pp.319-322, 2019 (SCI-Expanded)
- XI. **Highly diastereoselective synthesis of a novel functionalized triepoxytrinaphthylene**  
Erdoğan M., Eşsiz S., Fabris F., DAŞTAN A.  
Arkivoc, vol.2018, pp.125-134, 2018 (SCI-Expanded)
- XII. **Bromination of quinoxaline and derivatives: Effective synthesis of some new brominated quinoxalines**  
UÇAR S., Eşsiz S., DAŞTAN A.  
Tetrahedron, vol.73, no.12, pp.1618-1632, 2017 (SCI-Expanded)
- XIII. **Unexpected regioselectivity observed in the bromination and epoxidation reactions of p-benzoquinone-fused norbornadiene: An experimental and computational study**  
Essiz S., Dalkılıç E., ÖZDEMİR SARI Ö. B., DAŞTAN A., Balci M.  
Tetrahedron, vol.73, no.12, pp.1640-1649, 2017 (SCI-Expanded)
- XIV. **Stereoconvergent generation of a contrastreric syn-bicyclopropylidene (=syn-Cyclopropylidenecyclopropane) by stille-like coupling**  
Güney M., Eşsiz S., DAŞTAN A., Balci M., De Lucchi O., ŞAHİN E., Fabris F.  
Helvetica Chimica Acta, vol.96, no.5, pp.941-950, 2013 (SCI-Expanded)
- XV. **Bromination of 2,3-dihydrobenzobarrelene and synthesis of its mono-and dibromide derivatives: Unexpected Wagner-Meerwein rearrangement on silica gel**  
Eşsiz S., ŞENGÜL M., ŞAHİN E., DAŞTAN A.  
Turkish Journal of Chemistry, vol.35, no.4, pp.587-598, 2011 (SCI-Expanded)
- XVI. **The first and efficient synthesis of some of the polyhalogenated benzobarrelenes: unusual formation of a benzosemibullvalene derivative**  
ŞENGÜL M., Gültekin D. D., Eşsiz S., ŞAHİN E., DAŞTAN A.  
Tetrahedron, vol.65, no.25, pp.4859-4865, 2009 (SCI-Expanded)
- XVII. **Bromination of tetrachlorobenzobarrelene: Polyhalogenated benzobicyclics**  
ŞENGÜL M., Gültekin D. D., Eşsiz S., DAŞTAN A.  
Turkish Journal of Chemistry, vol.33, no.1, pp.79-86, 2009 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **A computational study for the reaction mechanism of visible light-promoted  $\alpha$ -ketoacylation of sulfoximines with alkynes**  
EŞSİZ S.  
5th Organic Chemistry Congress 2021 - OrgChemTR-5, Malatya, Turkey, 14 - 17 October 2021, pp.67
- II. **Alkenlerin Organokatalize Oksidatif Bölünme Reaksiyon Mekanizmalarının ab initio Yöntemlerle**

## İncelenmesi

EŞSİZ S., BOZKAYA U.

33. Ulusal Kimya Kongresi, Tekirdağ, Turkey, 7 October - 09 September 2021, pp.115

- III. **Siklik Eterlerde Halka Açılması İçin Etkin Bir Modifiye Appel Reaksiyonu**  
EŞSİZ S., DAŞTAN A.  
32. Ulusal Kimya Kongresi, Turkey, 17 - 19 September 2020, pp.128
- IV. **Bisiklik Yapıdaki Alkenlerin Brominasyonu İçin Etkili Bir Yöntem**  
EŞSİZ S.  
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.45
- V. **Effective Synthesis of New Brominated Symmetrical Naphthyridines**  
EŞSİZ S., UÇAR S., DALKILIÇ E., DAŞTAN A.  
4th Organic Chemistry Congress-OrgChemTR4, Side-Antalya, Turkey, 4 - 07 October 2018, pp.205-206
- VI. **Alkil Bromürler İçin Etkin Bir Sentez Yöntemi**  
EŞSİZ S., DAŞTAN A.  
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017, pp.311
- VII. **Electrophilic reaction of p-benzoquinone fused norbornadiene: Unexpected selectivity in three double bonds**  
EŞSİZ S., DAŞTAN A.  
Anatolian Conference on Synthetic Organic Chemistry (ACSOC), Antalya, Turkey, 16 - 19 March 2015, pp.109
- VIII. **The First and Efficient Synthesis of Some of the Polyhalogenated Benzobarrelenes: Unusual Formation of a Benzosemibullvalene Derivative**  
EŞSİZ S., ŞENGÜL M. E., GÜLTEKİN D., DAŞTAN A.  
44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1113
- IX. **Stereoconvergent Generation of a Contrasteric syn-Bi(cyclopropylidene) by Stille-Like Coupling**  
EŞSİZ S., GÜNEY M., DAŞTAN A.  
ISACS 10: Challenges in Organic Materials and Supramolecular Chemistry, Kyoto, Japan, 18 - 21 June 2013, pp.1
- X. **Stille Reaksiyonu ile syn-Bi(siklopropiliden)'in Stereoselektif Sentezi**  
GÜNEY M., EŞSİZ S., DAŞTAN A., BALCI M.  
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012, pp.39
- XI. **2,3-Dihidrobenzobarrelenin Brominasyonu ve Bromlu Türevlerin Sentezi**  
EŞSİZ S., ŞENGÜL M. E., DAŞTAN A.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.1

## Metrics

Publication: 28

Citation (Scopus): 89

H-Index (Scopus): 5