

## Assoc. Prof. MERYEM FISTIKÇI EŐSİZ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-4373-2011

Yoksis Researcher ID: 239806

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (Dr), Turkey 2009 - 2013

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

Undergraduate, Ataturk University, Fen Fakóltesi, Kimya Bölümü, Turkey 2002 - 2006

### Dissertations

Doctorate, (R)- ve (S)-4-(2,4,5-Triflorfenil)-3-hidroksibütanoik asit'in yeni bir yöntemle enantiyoselektif sentezi, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (Dr), 2013

Postgraduate, Farklı bir yöntemle  $\beta$ -amino- $\alpha$ -hidroksi asitlerin sentezi, Ataturk University, Fen Bilimleri Enstitüsü, Organik Kimya (Yl) (Tezli), 2009

### Research Areas

Chemistry of Alicyclic Compounds, Chemistry of Aromatic Compounds, Chemistry of Asymmetric Synthesis, Chemistry of Heterocyclic Compounds, Carbon Chemistry, Organic Reaction Mechanisms, Organometallics, Free Radicals

### Academic Titles / Tasks

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

Hakkari University, Mühendislik Fakóltesi, Kimya Mühendisliđi Bölümü, 2015 - 2021

### Academic and Administrative Experience

Hakkari University, 2016 - Continues

Hakkari University, 2016 - 2017

### Courses

BİS211-Sterilizasyon ve Dezenfeksiyon Teknikleri, Associate Degree, 2023 - 2024

BİS103-Laboratuvar Güvenliği ve Sterilizasyon, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022  
BİS201-Laboratuvar Aletleri, Associate Degree, 2023 - 2024, 2021 - 2022  
BİS102-Sterilizasyon ve Dezenfeksiyon Teknikleri, Associate Degree, 2022 - 2023  
IAY118-Farmakoloji, Associate Degree, 2022 - 2023  
BİS102-Laboratuvar Organizasyonu, Associate Degree, 2022 - 2023  
IAY221-Biyokimya, Associate Degree, 2022 - 2023, 2021 - 2022  
DİP104-Farmakoloji, Associate Degree, 2022 - 2023  
DİP213-Sterilizasyon ve Dezenfeksiyon Teknikleri, Associate Degree, 2022 - 2023  
TLT122-Genel Biyokimya, Associate Degree, 2021 - 2022  
KIM101-Genel Kimya, Undergraduate, 2018 - 2019  
TTP108-Farmakoloji-2, Associate Degree, 2016 - 2017  
BİS108-Farmakoloji, Associate Degree, 2016 - 2017  
CSP107-Genel Kimya, Associate Degree, 2016 - 2017  
IAY118-Farmakoloji, Associate Degree, 2016 - 2017

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

- I. **Mechanistic insight for tunable regioselective cyclization of aryl propiolates with radicals: ipso-versus ortho-cyclization**  
Fıstıkçı M.  
New Journal of Chemistry, vol.47, no.26, pp.12164-12169, 2023 (SCI-Expanded)
- II. **A Computational Study on the Radical Cascade Cyclization Mechanism of Synthesis of Benzo[b]oxepinones and Chromanes**  
Fıstıkçı M.  
ChemistrySelect, vol.8, no.18, 2023 (SCI-Expanded)
- III. **A computational study for the reaction mechanism of AIBN-induced remote trifluoromethyl-alkynylation of thioalkynes**  
Fıstıkçı M.  
Journal of Physical Organic Chemistry, vol.35, no.10, 2022 (SCI-Expanded)
- IV. **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)
- V. **Novel and stereospecific synthesis of (2S)-3-(2,4,5-trifluorophenyl)propane-1,2-diol from D-mannitol**  
Aktaş D., Fıstıkçı M., Gündoğdu Ö., SEÇEN H., Şahin M. F., Altundaş R., KARA Y.  
Helvetica Chimica Acta, vol.98, no.8, pp.1127-1131, 2015 (SCI-Expanded)
- VI. **Enantiospecific Synthesis of (R)-3-Amino-4-(2, 4,5-trifluorophenyl)butanoic Acid Using (S)-Serine as a Chiral Pool**  
Köse A., Gündoğdu Ö., Aktaş D., Fıstıkçı M., Altundaş R., SEÇEN H., KARA Y.  
Helvetica Chimica Acta, vol.98, no.2, pp.260-266, 2015 (SCI-Expanded)
- VII. **Heteroarylboronates in rhodium-catalyzed 1,4-addition to enones**  
Albrecht F., Sowada O., Fıstıkçı M., Boysen M. M.  
Organic Letters, vol.16, no.19, pp.5212-5215, 2014 (SCI-Expanded)
- VIII. **Lewis acid catalyzed (3 + 2)-annulations of donor-acceptor cyclopropanes and ynamides**  
Mackay W. D., Fıstıkçı M., Carris R. M., Johnson J. S.  
Organic Letters, vol.16, no.6, pp.1626-1629, 2014 (SCI-Expanded)
- IX. **Photooxygenation of azidoalkyl furans: Catalyst-free triazole and new endoperoxide rearrangement**  
Kazancıoğlu E. A., Kazancıoğlu M. Z., Fıstıkçı M., SEÇEN H., Altundaş R.  
Organic Letters, vol.15, no.18, pp.4790-4793, 2013 (SCI-Expanded)

- X. **Novel and enantioselective syntheses of (R)- and (S)-3-hydroxy-4-(2,4,5- trifluorophenyl)butanoic acid: A synthon for sitagliptin and its derivatives**  
Fistikci M., Gundogdu O., Aktas D., SEÇEN H., Sahin M. F., Altundas R., KARA Y.  
Tetrahedron, vol.68, no.12, pp.2607-2610, 2012 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Investigation of Computational Reaction Mechanism for The Formation of The 6-endo Cyclization Product of 1- Vinyl 5-Hexenyl Radicals**  
FİSTİKÇİ EŞSİZ M.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.1799-1803, 2023 (Peer-Reviewed Journal)

### Metrics

Publication: 11

Citation (Scopus): 156

H-Index (Scopus): 4