

## Asst. Prof. HATİCE SEÇİNTİ KLOPF

### Personal Information

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### International Researcher IDs

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### Education Information

Post Doctorate, University of Massachusetts Amherst, United States Of America 2015 - 2017

Doctorate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2010 - 2015

Postgraduate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2007 - 2010

Undergraduate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2003 - 2007

### Research Areas

Organic Chemistry, Plant Chemistry, Chemistry of Natural Products

### Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Institute of Hemp Research, -, 2022 - Continues

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

- I. **Ultrasonication-assisted alkali treatment of hemp fibers to improve the fiber/matrix interface of hemp/epoxy composites: The influence of sodium dodecyl sulfate surfactant**  
Karaduman Y., Seçinti Klopff H., Şahbaz Karaduman N.  
POLYMER COMPOSITES, vol.1, no.1, pp.1-15, 2024 (SCI-Expanded)
- II. **Production of quasi-unidirectional woven fabrics from water-retted hemp fibers and mechanical characterization of their composites**  
Karaduman Y., Şahbaz Karaduman N., Seçinti Klopff H.  
JOURNAL OF COMPOSITE MATERIALS, pp.1-14, 2023 (SCI-Expanded)
- III. **Disassembly of polymeric nanoparticles with enzyme-triggered polymer unzipping: polyelectrolyte complexes vs. amphiphilic nanoassemblies**  
Kumar V., Munkhbat O., Secinti H., Thayumanavan S.  
CHEMICAL COMMUNICATIONS, vol.56, no.60, pp.8456-8459, 2020 (SCI-Expanded)
- IV. **Syntheses and antibacterial activities of 4 linear nonphenolic diarylheptanoids**  
Demir S. B., Secinti H., Celebioglu N., ÖZDAL M., Sezen A., GÜLMEZ Ö., Algur O. F., SEÇEN H.  
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.3, pp.589-601, 2020 (SCI-Expanded)

- V. **Propagation of Enzyme-Induced Surface Events inside Polymer Nanoassemblies for a Fast and Tunable Response**  
Zhuang J., Secinti H., Zhao B., Thayumanavan S.  
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, vol.57, no.24, pp.7111-7115, 2018 (SCI-Expanded)
- VI. **Photoactivation of Ligands for Extrinsically and Intrinsically Triggered Disassembly of Amphiphilic Nanoassemblies**  
Gao J., Liu X., Secinti H., Jiang Z., Munkhbat O., Xu Y., Guo X., Thayumanavan S.  
CHEMISTRY-A EUROPEAN JOURNAL, vol.24, no.8, pp.1789-1794, 2018 (SCI-Expanded)
- VII. **Syntheses and evaluation of multicaulin and miltirone-like compounds as antituberculosis agents**  
BURMAOĞLU S., Secinti H., Mozioglu E., Goren A. C., Altundas R., SEÇEN H.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.878-884, 2017 (SCI-Expanded)
- VIII. **Synthesis of Two Natural Furan-Cyclized Diarylheptanoids via 2-Furaldehyde**  
Secinti H., SEÇEN H.  
HELVETICA CHIMICA ACTA, vol.98, no.7, pp.938-944, 2015 (SCI-Expanded)
- IX. **Synthesis, molecular docking, and antitumoral activity of alnustone-like compounds against estrogen receptor alpha-positive human breast cancer**  
Kucukoglu K., Secinti H., Ozgur A., SEÇEN H., Tutar Y.  
TURKISH JOURNAL OF CHEMISTRY, vol.39, no.1, pp.179-193, 2015 (SCI-Expanded)
- X. **Total Syntheses of Multicaulins via Oxidative Photocyclization of Stilbenes**  
Secinti H., BURMAOĞLU S., Altundas R., SEÇEN H.  
JOURNAL OF NATURAL PRODUCTS, vol.77, no.9, pp.2134-2137, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Removal of non-cellulosic materials from hemp fiber under ultrasonication conditions and cetyl trimethyl ammonium chloride (CTAC) catalyst**  
SEÇİNTİ KLOPF H.  
Journal of innovative engineering and natural science (Online), vol.5, no.1, pp.187-195, 2025 (Peer-Reviewed Journal)
- II. **Two efficient methods for the total synthesis of the natural diarylheptanoid 7-(4-hydroxyphenyl)-1-phenylheptan-3-one**  
Gürel E., Kaya T., Çelebioğlu N., Seçinti-Klopf H., SEÇEN H.  
Organic Communications, vol.17, no.2, pp.115-122, 2024 (ESCI)
- III. **Evaluation of HPLC, phytochemical, anticholinesterase and antioxidant profiles of the aerial parts of *Asperula taurina* subsp. *Caucasica***  
ÖZGEN U., ŞENER S. Ö., BADEM M., SEÇİNTİ H., Hatipoğlu S. D., Gören A. C., KAZAZ C., PALASKA E.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.42, no.1, pp.1-13, 2018 (Scopus)

## Papers Published in Refereed Scientific Meetings

- I. **Effect of Benzoylation Treatment on the Interface and Mechanical Properties of Hemp/Epoxy Biocomposites**  
ŞAHBAZ KARADUMAN N., SEÇİNTİ KLOPF H., KARADUMAN Y.  
IX. Polymer Science and Technology Congress with International Participation, Ankara, Turkey, 16 - 18 September 2024, pp.41
- II.  **$\Delta^9$ -THC'nin Toplam Sentezi,  $\Delta^9$ -THC'nin ve  $\Delta^9$ -THC'nin Susam Yağı, Linoleik Asit ve Linolenik Asit ile Hazırlanan Homojenatlarının Glutatyon S-Transferaz, Glutatyon Redüktaz Enzimleri Üzerine İnhibisyon Etkisinin Araştırılması**  
SEÇİNTİ KLOPF H., AKSOY M.

XXII Kromatografi Kongresi, Erzurum, Turkey, 11 - 13 July 2024

**III. Removal of non-cellulosic materials from hemp fiber under ultrasonication conditions and cetyl trimethyl ammonium chloride (CTAC) catalyst**

SEÇİNTİ KLOPF H.

14th International Fiber and Polymer Research Symposium Bursa Technical University, Bursa, Turkey, 24 - 25 May 2024, pp.1-5

**IV. Logic-gated supramolecular disassembly and non-covalent guest release**

Gao J., Liu X., SEÇİNTİ KLOPF H., Jiang Z., Zhao B., Xu Y., Guo X., THAYUMANAVAN S.

Meeting 253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes San Francisco, CA, San-Francisco, Costa Rica, 2 - 06 April 2017, vol.253

**V. Multikaulin'in Fotokimyasal Yöntemle İlk Total Sentezi**

SEÇİNTİ KLOPF H., BURMAOĞLU S., ALTUNDAŞ R., SEÇEN H.

24. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Zonguldak, Turkey, 29 June - 02 July 2010

## Metrics

Publication: 18

Citation (Scopus): 62

H-Index (WoS): 5

H-Index (Scopus): 5