

# Lect. ŞEYMA DADI

## Personal Information

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## Education Information

2019 - 2023	Doctorate, Erciyes University, Sağlık Bilimleri Enstitüsü, Turkey
2010 - 2012	Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey
2006 - 2010	Undergraduate, Gazi University, Fen Fakültesi, Kimya, Turkey

## Research Areas

Chemistry, Natural Sciences

## Academic Titles / Tasks

2014 - Continues	Lecturer, Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği
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## Published journal articles indexed by SCI, SSCI, and AHCI

- Rational design of EDTA-incorporated nanoflowers as novel and effective endodontic disinfection against biofilms**  
ASLAN T., DADI Ş., Kafdag O., Temur N., Ildiz N., ÖÇSOY İ., ÜSTÜN Y.  
Odontology, vol.112, no.2, pp.444-452, 2024 (SCI-Expanded)
- Production of flower-shaped nanobiocatalysts from green tea and investigation of their peroxidase mimicking activity on the polymerization of phenol derivatives**  
Kalayci B., Kaplan N., DADI Ş., ÖÇSOY İ., Gokturk E.  
Polymers for Advanced Technologies, vol.35, no.1, 2024 (SCI-Expanded)
- Formation of Umbilicaria decussata (Antarctic and Turkey) Extracts Based Nanoflowers with Their Peroxidase Mimic, Dye Degradation and Antimicrobial Properties**  
DEMİRBAŞ A., KARSLI B., Dadi Ş., ARABACI N., KOCA F. D., HALICI M., ÖÇSOY İ.  
Chemistry and Biodiversity, vol.20, no.8, 2023 (SCI-Expanded)
- Natural Molecule-Incorporated Magnetic Organic-Inorganic Nanoflower: Investigation of Its Dual Fenton Reaction-Dependent Enzyme-Like Catalytic Activities with Cyclic Use**  
Dadi Ş., Cardoso M. H., Mandal A. K., Franco O. L., Ildiz N., ÖÇSOY İ.  
ChemistrySelect, vol.8, no.13, 2023 (SCI-Expanded)
- In Situ Synthesis of Horseradish Peroxidase Nanoflower@Carbon Nanotube Hybrid Nanobiocatalysts with Greatly Enhanced Catalytic Activity**  
Dadi Ş., Temur N., GÜL O. T., Yilmaz V., ÖÇSOY İ.  
Langmuir, vol.39, no.13, pp.4819-4828, 2023 (SCI-Expanded)
- Usnea antarctica (James Ross Island, Antarctica) and Usnea subfloridana (Uludağ, Turkey) Incorporated Hybrid Nanoflowers with Their Intrinsic Catalytic and Antimicrobial Activities**  
DEMİRBAŞ A., KARSLI B., Dadi Ş., KOCA F. D., HALICI M., ÖÇSOY İ.  
ChemistrySelect, vol.7, no.43, 2022 (SCI-Expanded)
- Synthesis of taurine-Cu<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> hybrid nanoflower and their peroxidase-mimic and antimicrobial properties**

Yilmaz S. G., DEMİRBAŞ A., Karaagac Z., Dadi Ş., Celik C., Yusufbeyoglu S., Ildiz N., Mandal A. K., ÇİMEN B., ÖÇSOY İ.  
Journal of Biotechnology, vol.343, pp.96-101, 2022 (SCI-Expanded)

VIII. **Dopamine and norepinephrine assistant-synthesized nanoflowers immobilized membrane with peroxidase mimic activity for efficient detection of model substrates**

Dadi Ş., Celik C., Mandal A. K., ÖÇSOY İ.

Applied Nanoscience (Switzerland), vol.11, no.1, pp.117-125, 2021 (SCI-Expanded)

IX. **Gallic acid nanoflower immobilized membrane with peroxidase-like activity for m-cresol detection**

Dadi Ş., Celik C., ÖÇSOY İ.

Scientific Reports, vol.10, no.1, 2020 (SCI-Expanded)

## Articles Published in Other Journals

I. **Plasmon Enhanced Emission of Perovskite Quantum Dot Films**

DADI Ş., ALTINTAS Y., Beskazak E., MUTLUGÜN E.

MRS ADVANCES, vol.3, no.14, pp.733-739, 2018 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

I. **Plasmon Enhanced Emission of Perovskite Quantum Dot Films**

MUTLUGÜN E., DADI Ş., ALTINTAS Y., BEŞKAZAK E.

2017 MRS Fall Meeting, 26 November - 01 December 2017

II. **High Proton Conductive PVA/PAMPS/Triazole Composite Membranes for PEMFC**

ERKARTAL M., DADI Ş., USTA H., ÇITIR M., ŞEN Ü.

International Symposium on Materials for Energy Storage and Conversion, Ankara, Turkey, 7 - 09 September 2015, pp.34

III. **High Proton Conductive PVA PAMPS Triazole Composite Membranes for PEMFC PEM Membrane**

ERKARTAL M., DADI Ş., USTA H., ÇITIR M., ŞEN Ü.

International Symposium on Materials for Energy Storage and Conversion, Ankara, Turkey, 7 - 09 September 2015, pp.34

## Metrics

Publication: 15

Citation (WoS): 21

Citation (Scopus): 116

H-Index (WoS): 3

H-Index (Scopus): 5