

## Res. Asst. Elif ÖZÇELİK KAZANCIOĞLU

### Personal Information

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### Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya / Fizikokimya, Turkey  
2019 - Continues

Postgraduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya / Fizikokimya, Turkey  
2016 - 2019

Undergraduate, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 2011 - 2016

### Certificates, Courses and Trainings

Other, AKM Eğitim Katılım Belgesi, Nanomanyetik Bilimsel Cihazlar, 2018

Other, 4th Chiba - Yıldız Technical University Student Workshop, Chiba University, 2017

### Dissertations

Postgraduate, 2-Tiyokzanton Tiyooasetik Asit Dioksit Varlığında Çeşitli Metal Nanoparçacıkların Fotokimyasal Sentezi,  
Yıldız Technical University, Graduate School Of Natural And Applied Sciences, 2019

### Research Areas

Characterization of Polymers, Polymeric Films, Polymeric Materials, Spectroscopy

### Academic Titles / Tasks

Research Assistant, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2018 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Thermal and morphological investigation of the effect of POSS-(PEG(2000))(8) addition to UV curable PEGMEA/PEGDA formulation and simultaneously in situ formed silver nanoparticles**  
ÖZÇELİK KAZANCIOĞLU E., Batıbay G. S. , Uner A., ARSU N.  
JOURNAL OF POLYMER SCIENCE, vol.59, no.8, pp.729-737, 2021 (Journal Indexed in SCI)
- II. **Reversible tuning of UV-cured nano hybrid coating from hydrophobic to superhydrophilic**  
Batıbay G. S. , ÖZÇELİK KAZANCIOĞLU E., Kose E., ARSU N.  
PROGRESS IN ORGANIC COATINGS, vol.152, 2021 (Journal Indexed in SCI)
- III. **Photochemical synthesis of nanocomposite thin films containing silver and gold nanoparticles with 2-thioxanthone thioacetic acid-dioxide and their role in photocatalytic degradation of methylene**

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Kazancıoğlu E. O. , AYDIN M., ARSU N.

SURFACES AND INTERFACES, vol.22, 2021 (Journal Indexed in SCI)

- IV. **The interaction of light-activatable 2-thioxanthone thioacetic acid with ct-DNA and its cytotoxic activity: Novel theranostic agent**  
ATACI N., Kazancıoğlu E., Kalındemirtas F. D. , Kuruca S. E. , ARSU N.  
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.239, 2020 (Journal Indexed in SCI)
- V. **A facile and versatile route for preparation AgNp nanocomposite thin films via thiol-acrylate photopolymerization: Determination of antibacterial activity**  
Adibelli M., Özçelik E., Batıbay G. S. , Arasoglu T., ARSU N.  
PROGRESS IN ORGANIC COATINGS, vol.143, 2020 (Journal Indexed in SCI)
- VI. **The formation of a metallosupramolecular porous helicate through salicylaldehydethiosemicarbazone: Synthesis, Characterization, Cytotoxic activity, DNA binding and DFT calculations**  
Altıparmak E. A. , Eroğlu G. O. , Özçelik E., Özdemir N., Kuruca S. E. , Arsu N., Ulkuseven B., Bal-Demirci T.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.9, 2019 (Journal Indexed in SCI)
- VII. **Spectrophotometric study on binding of 2-thioxanthone acetic acid with ct-DNA**  
Atacı N., ÖZÇELİK E., ARSU N.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.204, pp.281-286, 2018 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **UV ile Kürleşen Fonksiyonel Nanokaplamalar**  
Demir Ç., Turcan C., Aydın A., Özçelik Kazancıoğlu E., Arsu N.  
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.384
- II. **Fotokimyasal Olarak Hazırlanan Altın Nanoparçacıklara Dopamin Yüklenmesi**  
Özçelik E., Aydın Z., Arsu N.  
Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018
- III. **Photochemical Synthesis of Silver and Gold Nanoparticles with 2-Thioxanthone Thioacetic Acid Dioxide**  
ÖZÇELİK E., AYDIN M., ARSU N.  
Italian-Nordic Polymer Future Workshop, 14 - 15 September 2017
- IV. **Bi ve Bi/Fe Bimetalik Nanoparçacık veya Nanokümlerin Fotokimyasal Olarak Hazırlanması**  
Turcan C., Demir Ç., Batıbay G. S. , Özçelik E., Arsu N.  
8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 - 18 May 2017
- V. **Bimetalik ve Trimetalik Nanoparçacık Sentezi ve Karakterizasyonu**  
Cengiz S., Batıbay G. S. , Özçelik E., Arsu N.  
8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 - 18 May 2017
- VI. **Thioacetic Acid Derivative of Thioxanthone – Dioxide**  
Özçelik E., Tuğla A., Aydın M., Arsu N.  
4th European Symposium of Photopolymer Science (ESPS), Leipzig, Germany, 11 September 2016, pp.2
- VII. **Studies of the Binding Mode Acetic Acid Derivative of Thioxanthone – Thioacetic Acid – Dioxide with Calf Thymus DNA by Spectroscopic Methods**  
Tuğla A., Özçelik E., Atacı N., Aydın M., Arsu N.  
4th European Symposium of Photopolymer Science (ESPS), Leipzig, Germany, 11 September 2016, pp.35
- VIII. **The Study of Binding Modes of 4,4-Methylthiobenzoin MTB with Ct DNA**  
Metin E., Erkoç F. B. , Tuğla A., Özçelik E., Arsu N.  
46th IUPAC World Polymer Congress, İstanbul, Turkey, 17 - 21 July 2016

## Supported Projects

Arsu N., Özçelik Kazancıođlu E., Project Supported by Higher Education Institutions, 2-Tiyokzanton Tiyoasetik Asit Dioksit Varlıđında Çeşitli Metal Nanoparçacıkların Fotokimyasal Sentezi, 2018 - 2019

## Citations

Total Citations (WOS):41

h-index (WOS):4