

## Res. Asst. Erem AHMETALİ

### Personal Information

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### International Researcher IDs

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ScopusID: 57208777567

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### Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Anorganik Kimya, Turkey 2017 - Continues

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2015 - 2017

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Kimya, Turkey 2011 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, 3,5-Bis(Triflorometil)Fenoksi Grupları İçeren Simetrik Ve Asimetrik Çinko Ftalosianinlerin Sentezi Ve Karakterizasyonu, İstanbul Technical University, Kimya, 2017

### Research Areas

Chemistry, Inorganic Chemistry, Inorganic Ring Compounds, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2017 - Continues

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

- I. Poly(oxanorbornene)s bearing triphenylphosphonium and PEGylated zinc(ii) phthalocyanine with boosted photobiological activity and singlet oxygen generation  
AHMETALİ E., Galstyan A., Sueer N. C., EREN T., ŞENER M. K.  
POLYMER CHEMISTRY, vol.14, pp.259-267, 2022 (SCI-Expanded)
- II. Synthesis, photophysical and photochemical properties of unsymmetrical zinc(II) phthalocyanines

**bearing 8-hydroxyquinoline unit**

AHMETALİ E., YILDIZ B., Ahi E. E., DURMUŞ M., ŞENER M. K.

POLYHEDRON, vol.226, 2022 (SCI-Expanded)

- III. **Effect of direct linkage of pyrazole carboxylic acid acceptor/anchoring group on the photovoltaic performance for phthalocyanine-sensitized solar cells**

YILDIZ B., AHMETALİ E., Arslan B. S., Menges N., NEBİOĞLU M., ŞİŞMAN İ., ŞENER M. K.

DYES AND PIGMENTS, vol.206, 2022 (SCI-Expanded)

- IV. **Zinc(II) phthalocyanine-viologen dyads: synthesis, electrochemistry, spectroelectrochemistry, electrodeposition, and electrochromism**

YILDIZ B., AHMETALİ E., BUDAK Ö., KOCA A., ŞENER M. K.

NEW JOURNAL OF CHEMISTRY, vol.46, no.16, pp.7410-7423, 2022 (SCI-Expanded)

- V. **Synthesis and antioxidant activity of zinc(II) phthalocyanine tetranitroxide**

Korkut S., AHMETALİ E., BİLGİ M., Karataş Ö., YERLİ Y., PEKSEL A., ŞENER M. K.

POLYHEDRON, vol.197, 2021 (SCI-Expanded)

- VI. **Nonlinear optical behavior and optical power limiting characteristics of peripheral symmetrical and non-symmetrical zinc phthalocyanines with nanosecond pulsed excitation**

ERDEM M., Korkmaz E., GÖRK G., Ahmetali E., Farajzadeh N., Eryürek G., Koçak M.

POLYHEDRON, vol.195, 2021 (SCI-Expanded)

- VII. **Photodynamic therapy activities of phthalocyanine-based macromolecular photosensitizers on MCF-7 breast cancer cells**

AHMETALİ E., Sen P., Suer N. C., Nyokong T., EREN T., ŞENER M. K.

JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.58, no.11, pp.748-757, 2021 (SCI-Expanded)

- VIII. **Enhanced Light-Driven Antimicrobial Activity of Cationic Poly(oxanorbornene)s by Phthalocyanine Incorporation into Polymer as Pendants**

AHMETALİ E., Sen P., Suer N. C., AKSU M. B., Nyokong T., EREN T., ŞENER M. K.

MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.221, no.24, 2020 (SCI-Expanded)

- IX. **A series of asymmetric zinc (II) phthalocyanines containing fluoro and alkynyl groups: Synthesis and examination of humidity sensing performance by using QCM based sensor**

Ahmetali E., Pekbelgin Karaoglu H. R., Urfa Y., ALTINDAL A., Koçak M.

MATERIALS CHEMISTRY AND PHYSICS, vol.254, 2020 (SCI-Expanded)

- X. **Investigation of photophysical and photochemical properties of phthalocyanines bearing fluorinated groups**

Korkmaz E., Ahmetali E., Atmaca G., Karaoglu H. P., Erdoğmuş A., Kocak M. B.

Monatshefte fur Chemie, vol.151, pp.181-190, 2020 (SCI-Expanded)

- XI. **Photophysical and photochemical properties of newly synthesized zinc(II) and chloroindium(III)phthalocyanines substituted with 3,5-bis(trifluoromethyl)phenoxy groups**

Ahmetali E., Atmaca G., Karaoglu H. P., Erdoğmuş A., Kocak M. B.

JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.23, pp.960-968, 2019 (SCI-Expanded)

**Refereed Congress / Symposium Publications in Proceedings**

- I. **aPDT Activity of Cationic Copolymers with Dual Function: Synergistic Effect of Poly(oxanorbornene) and Phthalocyanine**

Ahmetali E., Şen P., Süer N. C., Aksu M. B., Nyokong T., Eren T., Şener M. K.

19th Congress of the European Society for Photobiology, Salzburg, Austria, 30 August - 03 September 2021, pp.30

- II. **Nonlineer Optik Uygulamaları İçin 3,5-Bis(Triflorometil)Fenoksi Grupları İçeren Yeni Push-Pull Asimetrik Çinko Ftalosiyanın Sentezi Ve Karakterizasyonu**

Ahmetali E., Pekbelgin Karaoglu H. R., Koçak M.

31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 September 2019, pp.234

- III. A New Type Of Tetrasubstituted Zinc Phthalocyanines Containing 3,5-Bis(Trifluoromethyl)Phenoxy Groups At Peripheral Positions**  
Korkmaz E., Ahmetali E., Pekbelgin Karaoğlu H. R., Koçak M.  
International Congress on Fundamental and Applied Sciences, Skopje, Macedonia, 18 June 2018, pp.1056
- IV. Synthesis and Characterization of a New Palladium PhthalocyanineSubstituted With 3,5 - Bis(Trifluoromethyl)Phenoxy Groups**  
Koçak M., Ahmetali E., Pekbelgin Karaoğlu H. R.  
11th International Symposium on Macrocyclic and Supramolecular Chemistry, Seoul, South Korea, 10 June 2016, pp.92
- V. New Type Of Phthalocyanines Containing 3,5 - Bis(Trifluoromethyl)Phenoxy Groups At Peripheral Positions**  
Ahmetali E., Pekbelgin Karaoğlu H. R., Koçak M.  
18th JCF-Frühjahrssymposium, Kiel, Germany, 16 March 2016, pp.94

## Metrics

Publication: 16

Citation (WoS): 50

Citation (Scopus): 59

H-Index (WoS): 4

H-Index (Scopus): 4