

## Asst. Prof. ZEYNEL ŞAHİN

### Personal Information

Office Phone: +90 216 777 4000 Extension: 3954

Email: zeynel.sahin@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/14505>

### Education Information

Doctorate, Gebze Technical University, Institute Of Science, Turkey 2015 - 2020

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2014

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya, Turkey 2007 - 2011

### Research Areas

Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty Of Technology, Metallurgical And Materials Engineering, 2021 - Continues

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

- I. **Peptoid-phthalocyanine architectures with different grafting positions: Synthetic strategy and photoproperties**  
Rzeigui M., Şahin Z., Roy O., Küçük T., Göler Ö., Atilla D., Khiari J., Dumoulin F., Taillefumier C.  
Dyes and Pigments, vol.189, 2021 (Journal Indexed in SCI Expanded)
- II. **Tuning of organic heterojunction conductivity by the substituents' electronic effects in phthalocyanines for ambipolar gas sensors**  
Sahin Z., Meunier-Prest R., DUMOULIN F., Kumar A., Isci U., Bouvet M.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.332, 2021 (Journal Indexed in SCI)
- III. **Alkylthio-tetrasubstituted mu-Nitrado Diiron Phthalocyanines: Spectroelectrochemistry, Electrical Properties, and Heterojunctions for Ammonia Sensing**  
Sahin Z., Meunier-Prest R., DUMOULIN F., Isci U., Bouvet M.  
INORGANIC CHEMISTRY, vol.59, no.2, pp.1057-1067, 2020 (Journal Indexed in SCI)
- IV. **Cobalt phthalocyanine-TiO<sub>2</sub> nanocomposites for photocatalytic remediation of textile dyes under visible light irradiation**  
Dindas G. B. , Sahin Z., Yatmaz H. C. , Isci U.  
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.23, pp.561-568, 2019 (Journal Indexed in SCI)
- V. **N-Alkylation and N,C-Dialkylation of Amines with Alcohols in the Presence of Ruthenium Catalysts with Chelating N-Heterocyclic Carbene Ligands**  
Sahin Z., GÜRBÜZ N., ÖZDEMİR İ., Sahin O., Buyukgungor O., Achard M., Bruneau C.  
ORGANOMETALLICS, vol.34, no.11, pp.2296-2304, 2015 (Journal Indexed in SCI)

## **Books & Book Chapters**

### **I. Molecular Hybrids of Cavitands and Porphyrinoids**

İşci Ü., Şahin Z., Dumoulin F., Ahsen V.

in: Handbook of Porphyrin Science, Karl M Kadish, Kevin M Smith, Roger Guilard, Editor, World Scientific Publishing, Singapore, pp.165-297, 2016

## **Citations**

Total Citations (WOS):37

h-index (WOS):2