

## Lect. DENİZ ALTUNÖZ ERDOĞAN

### Personal Information

Email: denizer@metu.edu.tr

Web: <https://avesis.metu.edu.tr/denizer>

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

- I. Hierarchical synthesis of corrugated photocatalytic TiO<sub>2</sub> microsphere architectures on natural pollen surfaces  
Erdogan D., Ozensoy E.  
APPLIED SURFACE SCIENCE, vol.403, pp.159-167, 2017 (SCI-Expanded)
- II. Photocatalytic Activity of Mesoporous Graphitic Carbon Nitride (mpg-C<sub>3</sub>N<sub>4</sub>) Towards Organic Chromophores Under UV and VIS Light Illumination  
Erdogan D., SEVİM M., Kisa E., Emiroglu D. B., Karatok M., Vovk E. I., Bjerring M., Akbey U., Metin O., Ozensoy E.  
TOPICS IN CATALYSIS, vol.59, pp.1305-1318, 2016 (SCI-Expanded)
- III. Photocatalytic Conversion of Nitric Oxide on Titanium Dioxide: Cryotrapping of Reaction Products for Online Monitoring by Mass Spectrometry  
Lu W., Olaitan A. D., Brantley M. R., Zekavat B., Erdogan D., Ozensoy E., Solouki T.  
JOURNAL OF PHYSICAL CHEMISTRY C, vol.120, no.15, pp.8056-8067, 2016 (SCI-Expanded)
- IV. Spectroelectrochemical Investigation of Nuclease Active Pt(II) Complexes Containing Pyrrole Oxime  
Erdogan D., Kayi H., Ozalp-Yaman S.  
ELECTROCHIMICA ACTA, vol.158, pp.333-341, 2015 (SCI-Expanded)
- V. Influence of the sol-gel preparation method on the photocatalytic NO oxidation performance of TiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub> binary oxides  
Polat M., Soylu A. M., Erdogan D., Erguvan H., Vovk E. I., Ozensoy E.  
CATALYSIS TODAY, vol.241, pp.25-32, 2015 (SCI-Expanded)
- VI. Interaction of a novel platinum drug with bovine serum albumin: FTIR and UV-Vis spectroscopy analysis  
Korkmaz F., Erdogan D., Ozalp-Yaman S.  
NEW JOURNAL OF CHEMISTRY, vol.39, no.7, pp.5676-5685, 2015 (SCI-Expanded)
- VII. A versatile bio-inspired material platform for catalytic applications: micron-sized "buckyball-shaped" TiO<sub>2</sub> structures  
Erdogan D., Solouki T., Ozensoy E.  
RSC ADVANCES, vol.5, no.58, pp.47174-47182, 2015 (SCI-Expanded)
- VIII. TiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub> binary mixed oxide surfaces for photocatalytic NO<sub>x</sub> abatement  
Soylu A. M., Polat M., Erdogan D., Say Z., Yildirim C., Birer O., Ozensoy E.  
APPLIED SURFACE SCIENCE, vol.318, pp.142-149, 2014 (SCI-Expanded)
- IX. Thermal evolution of structure and photocatalytic activity in polymer microsphere templated TiO<sub>2</sub> microbowls  
Erdogan D., Polat M., Garifullin R., Guler M. O., Ozensoy E.  
APPLIED SURFACE SCIENCE, vol.308, pp.50-57, 2014 (SCI-Expanded)
- X. Novel Pt(II) complexes containing pyrrole oxime, synthesis, characterization and DNA binding studies  
Erdogan D., Ozalp-Yaman S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1064, pp.50-57, 2014 (SCI-Expanded)

- XI. **Voltammetric methods of reboxetine analysis and the mechanism of its electrode reactions**  
Altunoz-Erdogan D., Erk N., Kilit E.  
CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, vol.11, no.5, pp.706-716, 2013 (SCI-Expanded)
- XII. **A New Voltammetric Method for the Determination of Lercanidipine in Biological Samples**  
Ozturk F., Tasdemir I. H., Erdogan D., Erk N., Kilit E.  
ACTA CHIMICA SLOVENICA, vol.58, no.4, pp.830-839, 2011 (SCI-Expanded)
- XIII. **ELECTROCHEMICAL BEHAVIOR OF MOCLOBEMIDE AT MERCURY AND GLASSY CARBON ELECTRODES AND VOLTAMMETRIC METHODS FOR ITS DETERMINATION**  
Erdogan D., Tasdemir I. H., Erk N., Kilit E.  
COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, vol.76, no.5, pp.423-442, 2011 (SCI-Expanded)

### Articles Published in Other Journals

- I. **5-Hydroxymethylfurfural Determination in Fruit Juice Samples**  
Altunöz Erdogan D.  
Adli bilimler dergisi, no.2, pp.7-12, 2014 (Peer-Reviewed Journal)

### Metrics

Publication: 14  
Citation (WoS): 243  
Citation (Scopus): 174  
H-Index (WoS): 9  
H-Index (Scopus): 8