

## Res. Asst. Şeyda AYDOĞDU

### Personal Information

**Office Phone:** [+90 212 383 4196](tel:+902123834196) Extension: 4196

**Email:** seydogdu@yildiz.edu.tr

**Web:** <https://avesis.yildiz.edu.tr/seydogdu>

### International Researcher IDs

ScholarID: M\_OesncAAAAJ

ORCID: 0000-0003-0018-6856

ScopusID: 57211244133

Yoksis Researcher ID: 267144

### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya/Fizikokimya, Turkey  
2018 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya/Fizikokimya, Turkey  
2015 - 2018

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Kimya, Turkey 2009 - 2012

### Research Areas

Computational Chemistry, Statistical Mechanics, Chemical Kinetics, Quantum Mechanics, Natural Sciences

### Academic Titles / Tasks

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

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

- I. **Aqueous degradation of 6-APA by hydroxyl radical: a theoretical study**  
AYDOĞDU Ş., HATİPOĞLU A.  
Journal of Molecular Modeling, vol.29, no.8, 2023 (SCI-Expanded)
- II. **Synthesis of D-pi-A type 4,5-diazafluorene ligands and Ru (II) complexes and theoretical approaches for dye-sensitive solar cell applications**  
ERDEN İ., HATİPOĞLU A., Cebeci C., AYDOĞDU Ş.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1201, 2020 (SCI-Expanded)
- III. **Theoretical investigation on the kinetics of dimethyl phosphoramidate with hydroxyl radicals**  
Aydoğdu Ş., Hatipoğlu A.  
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.96, pp.1117-1122, 2019 (SCI-Expanded)

### Articles Published in Other Journals

**I. Toxicity prediction of organophosphorus compounds by QSAR**

Hatipođlu A., Aydođdu Ő., Dedeođlu H., Civan D.

Bulgarian Chemical Communications, vol.51, no.3, pp.445-451, 2019 (Scopus)

**Refereed Congress / Symposium Publications in Proceedings**

**I. Sulfonamid Grubu Antibiyotikler İin Kimyasal Reaktivite İndisleri**

Aydođdu Ő., Hatipođlu A.

31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.123

**II. Vanilin Türevli 4,5-Diazafluoren Bileşiklerinin Sentezi, DFT Çalışmaları Ve Boya Duyarlı Güneş Hücresi Üretimi**

Cebeci C., Erden İ., Hatipođlu A., Aydođdu Ő.

VII. Ulusal Anorganik Kimya Kongresi, Hitit Ün.Çorum, Çorum, Turkey, 19 - 22 June 2019, pp.1

**III. A Theoretical Study Of The Reaction Of Dimethyl Phosphoramidate With Hydroxyl Radicals**

Aydođdu Ő., Hatipođlu A.

5th International Conference on New Trends in Chemistry, Athens, Greece, 22 - 24 April 2019, pp.49

**IV. Electronic Properties of Penicillin Derivaties**

AYDOĐDU Ő., Yaşar N. İ., Süleymanođlu B., HATİPOĐLU A.

The 12th Chemical Physics Congress, Karabük, Turkey, 12 October 2018, pp.36

**V. Degradation Reaction of Sulfoxazole in Aqueous Medium by Hydroxyl Radical**

Aydođdu Ő., Hatipođlu A.

The 12th Chemical Physics Congress, Karabük, Turkey, 12 - 13 October 2018, pp.22

**VI. Reactivity Descriptors for the Prediction of the Degradation reactions of Sulfonamides**

AYDOĐDU Ő., HATİPOĐLU A.

International Symposium on Chemistry via Computation Applications on Molecular Nanoscience, İstanbul, Turkey, 30 October 2017, pp.36

**VII. Sulfonamidlerin Toksisitelerinin Belirlenmesinde Yapı Aktivite İlişkileri**

AYDOĐDU Ő., HATİPOĐLU A.

3.Hesaplamalı Kimya Kongresi, Ankara, Turkey, 12 October 2017, pp.26

**VIII. Quantum Chemical Descriptors of the Sulfonamides by DFT**

AYDOĐDU Ő., HATİPOĐLU A.

11th European Conference on Theoretical and Computational Chemistry, Barselona, Spain, 04 September 2017, pp.104

**IX. Electronic Properties of the Some Sulfonamides by Quantum Chemical Methods**

AYDOĐDU Ő., HATİPOĐLU A.

4th International BAU Drug Design Congress, İstanbul, Turkey, 13 October 2016

**X. Organofosforlu Pestisitlerin Elektronik Özelliklerinin Gaz ve Sulu Fazda DFT Yöntemiyle Hesaplanması**

Hatipođlu A., Dedeođlu H., Aydođdu Ő., Çınar Z.

5.Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, pp.214

**Supported Projects**

HATİPOĐLU A., AYDOĐDU Ő., Project Supported by Other Official Institutions, İleri Oksidasyon Teknikleri ile Organofosfatların Fotokatalitik Degradasyon Kinetiđinin Deneysel ve Teorik Olarak İncelenmesi, 2018 - Continues

**Metrics**

Publication: 21  
Citation (WoS): 7  
Citation (Scopus): 8  
H-Index (WoS): 2  
H-Index (Scopus): 1