

Res. Asst. PhD 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 - 2024

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. **Degradation kinetics and prediction of primary intermediates of cephalexin in aqueous media**
AYDOĞDU Ş., HATİPOĞLU A.
Structural Chemistry, vol.35, no.5, pp.1621-1632, 2024 (SCI-Expanded)
- II. **Synthesis, Characterization and DFT Study of Ti(IV) Phthalocyanines with Quinoline Groups**
AYDOĞDU Ş., Kutlu O. D., ERDOĞMUŞ A., HATİPOĞLU A.
Acta Chimica Slovenica, vol.71, no.3, pp.437-450, 2024 (SCI-Expanded)
- III. **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)
- IV. **Synthesis of D- π -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)
- V. **Theoretical investigation on the kinetics of dimethyl phosphoramidate with hydroxyl radicals**

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 Derivatives

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

HATİPOĞLU A., AYDOĞDU Ş., Project Supported by Other Official Institutions, İleri Oksidasyon Teknikleri ile Organofosfatların Fotokatalitik Degradasyon Kinetiğinin Deneysel ve Teorik Olarak İncelenmesi, 2018 - Continues

Metrics

Publication: 25

Citation (WoS): 7

Citation (Scopus): 14

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H-Index (Scopus): 2