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Education Information

Doctorate, Yıldız Technical University, Faculty Of Arts & Science, Kimya, Turkey 1991 - 1998

Post Graduate, Yıldız Teknik Üniversitesi, Faculty of Arts & Science, Kimya, Turkey 1989 - 1991

Under Graduate, Yıldız Technical University, Faculty Of Arts & Science, Department Of Chemistry, Turkey 1985 - 1989

Research Areas

Chemistry, Physical Chemistry, Chemical Kinetics, Natural Sciences

Academic Titles / Tasks

Associate Professor, Yıldız Teknik Üniversitesi, Faculty of Arts & Science, Kimya, 2011 - Continues

Assistant Professor, Yıldız Teknik Üniversitesi, Faculty of Arts & Science, Kimya, 2003 - 2011

Research Assistant PhD, Yıldız Teknik Üniversitesi, Faculty of Arts & Science, Kimya, 1998 - 2003

Research Assistant, Yıldız Teknik Üniversitesi, Faculty of Arts & Science, Kimya, 1991 - 1998

Advising Theses

HATİPOĞLU A., Sülfonamidlerin Kuantum Kimyasal Reaktivite İndislerinin DFT Yöntemiyle Hesaplanması, Post Graduate, Ş.AYDOĞDU(Student), 2017

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

- I. **Synthesis of D-pi-A type 4,5-diazafluorene ligands and Ru (II) complexes and theoretical approaches for dye-sensitive solar cell applications**
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- II. **Theoretical investigation on the kinetics of dimethyl phosphoramidate with hydroxyl radicals**
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- III. **Modeling the photochemical transformation of nitrobenzene under conditions relevant to sunlit**

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- IV. **Photocatalytic degradation of cefazolin over N-doped TiO₂ under UV and sunlight irradiation: Prediction of the reaction paths via conceptual DFT**
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- V. **Decolorization of Naphthol Blue Black using the Horseradish Peroxidase**
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APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.163, pp.433-443, 2011 (Journal Indexed in SCI)
- VI. **Photo-oxidative degradation of toluene in aqueous media by hydroxyl radicals**
HATİPOĞLU A., VİONE D., Yalçın Y., MINERO C., CINAR Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.215, pp.59-68, 2010 (Journal Indexed in SCI)
- VII. **An experimental and theoretical investigation of the photocatalytic degradation of meta-cresol in TiO₂ suspensions: a model for the product distribution**
HATİPOĞLU A., San N., CINAR Z. H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.165, pp.119-129, 2004 (Journal Indexed in SCI)
- VIII. **A QSAR Study on the Kinetics of the Reactions of Aliphatic Alcohols with the Photogenerated Hydroxyl Radicals**
Hatipoğlu A., Cinar Z.
Journal Of Molecular Structure-Theochem, vol.631, pp.189-207, 2003 (Journal Indexed in SCI)
- IX. **Photocatalytic degradation of 4-nitrophenol in aqueous TiO₂ suspensions: Theoretical prediction of the intermediates**
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JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.146, pp.189-197, 2002 (Journal Indexed in SCI)
- X. **A study on the structures of the substituted (aminomethyl) lithium and (thiomethyl) lithium compounds**
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- XI. **Prediction of primary intermediates and the photodegradation kinetics of 3-aminophenol in aqueous TiO₂ suspensions**
San N., HATİPOĞLU A., KOCTURK g., CINAR Z. H.
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- I. **Toxicity prediction of organophosphorus compounds by QSAR**
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Bulgarian Chemical Communications, vol.51, pp.445-451, 2019 (Refereed Journals of Other Institutions)
- II. **Effect of Molecular Properties on the Photocatalytic Degradation Rates of Dichlorophenols and Dichloroanilines in Aqueous TiO₂ Suspensions**
SAN N., HATİPOĞLU A., CINAR Z.
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- III. **A Computational Study of Linear Polyenes and Their Halogenated Derivatives**
Çınar Z., HATİPOĞLU a., SAN N., baş t., aviyente v.
Chimica Acta Turcica, vol.26, pp.63-68, 1998 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Sülfonamid Grubu Antibiyotikler İçin Kimyasal Reaktivite İndisleri**
Aydoğdu Ş., Hatipoğlu A.
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- II. **Vanilin Türevli 4,5-Diazafluoren Bileşiklerinin Sentezi, DFT Çalışmaları Ve Boya Duyarlı Güneş Hücresi Üretimi**
Cebeci C., Erden İ., Hatipoğlu A., Aydoğdu Ş.
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**
Aydoğdu Ş., Hatipoğlu A.
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- IV. **Electronic Properties of Penicillin Derivatives**
AYDOĞDU Ş., Yaşar N. İ. , Süleymanoğlu B., HATİPOĞLU A.
The 12th Chemical Physics Congress, Karabük, Turkey, 12 October 2018, pp.36
- V. **Degradation Reaction of Sulfisoxazole in Aqueous Medium by Hydroxyl Radical**
Aydoğdu Ş., Hatipoğlu 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**
AYDOĞDU Ş., HATİPOĞLU A.
International Symposium on Chemistry via Computation Applications on Molecular Nanoscience, İstanbul, Turkey, 30 October 2017, pp.36
- VII. **Sülfonamidlerin Toksisitelerinin Belirlenmesinde Yapı Aktivite İlişkileri**
AYDOĞDU Ş., HATİPOĞLU A.
3.Hesaplamalı Kimya Kongresi, Ankara, Turkey, 12 October 2017, pp.26
- VIII. **Quantum Chemical Descriptors of the Sulfonamides by DFT**
AYDOĞDU Ş., HATİPOĞLU A.
11th European Conference on Theoretical and Computational Chemistry, Barselona, Spain, 04 September 2017, pp.104
- IX. **Electronic Structures of the Halogenated Organophosphorous Compounds: A DFT Study**
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- X. **Electronic Properties of the Some Sulfonamides by Quantum Chemical Methods**
AYDOĞDU Ş., HATİPOĞLU A.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 October 2016
- XI. **A Qsar Study on the Toxicity of Halogenated Organophosphorous Compounds**
HATİPOĞLU A., Civan D.
16th European Meeting on Environmental Chemistry, Torino, Italy, 30 November 2015, pp.146
- XII. **Organofosforlu Pestisitlerin Elektronik Özelliklerinin Gaz ve Sulu Fazda DFT Yöntemiyle Hesaplanması**
Hatipoğlu A., Dedeoğlu H., Aydoğdu Ş., Çınar Z.
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- XIII. **Qsar's For The Degradation Reactions Of Organophosphorous Compounds By DFT**
Hatipoğlu A., Dedeoğlu H., Çınar Z. H.
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- XIV. **Prediction of the Toxicity of Organophosphorus Compounds Using Quantum Chemical Descriptors**
Hatipoğlu A., Dedeoğlu H., Çınar Z. H.
XI. Chemical Physics Congress, İstanbul, Turkey, 17 - 18 October 2014, pp.54
- XV. **Reactivity Descriptors For The Degradation Reactions Of Organophosphorous Compounds**

- HATİPOĞLU A., Dedeoğlu H., Çınar Z.
9th European Conference on Computational Chemistry (EUCCO-CC9), Sopron, Hungary, 01 September 2013, pp.1
- XVI. **Photocatalytic Degradation of Cefazolin: A Combined Experimental and Computational Approach to the Determination of Reaction Pathways**
Çınar Z. H. , Yalçın Gürkan Y., Türkten Ü. N. , Hatipoğlu A.
X. Chemical Physics, Ankara, Turkey, 10 - 12 October 2012, pp.10
- XVII. **Bis(fenilimin) Schiff Bazı Metal Komplekslerinin Kimyasal Reaktivite İndisleri**
HATİPOĞLU A., Civan D., Çınar Z.
XXVI. Ulusal Kimya Kongresi, Muğla Sıtkı Koçman Üniversitesi, Muğla, Turkey, 01 October 2012, pp.105
- XVIII. **On the Use of DFT Descriptors for the Prediction of the Photocatalytic Degradation Pathways: A Case Study on Cefazolin**
CINAR Z., yalçın gürkan y., TÜRK TEN Ü. N. , HATİPOĞLU A.
The 16th International Conference On TiO2 Photocatalysis: Fundamentals And Applications, San Diego, United States Of America, 07 November 2011, pp.26
- XIX. **Hydrogen Abstraction Reactions of OH Radicals from Propanols: Solvent Effect**
HATİPOĞLU A.
IX. Chemical Physics, 01 October 2010
- XX. **Nickel Complexes Of A Polydentate Bis(Phenylimine) Schiff Base : A DFT Study**
Hatipoğlu A., Çınar Z. H.
8th European Conference on Computational Chemistry (EUCCO-CC8), Lund, Sweden, 25 - 28 August 2010, pp.34
- XXI. **Piridin-Bis(fenilimin) Bakır ve Çinko Komplekslerinin Yapılarının MM ve QM Yöntemleriyle Modellenmesi**
Hatipoğlu A., Çınar Z. H.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008, pp.19
- XXII. **Bis(Fenilimin) Schiff Bazı Ligandları ve Metal Komplekslerinin Yapılarının DFT Yöntemiyle Modellenmesi**
Hatipoğlu A., Çınar Z. H.
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007, pp.55

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
- HATİPOĞLU A., Project Supported by Higher Education Institutions, Organik Fosforlu Pestisitlerin OH Radikali İle Reaksiyonlarının Kinetiğinin Kuantum Mekaniksel İncelenmesi, 2012 - 2017
- Hatipoğlu A., Çınar Z. H. , Project Supported by Higher Education Institutions, Yeni TiO2 Nano Fotokatalizörlerin Tasarımı Sentezi ve Karakterizasyonu, 2009 - 2014
- Hatipoğlu A., Altıkatoğlu Yapaöz M., Project Supported by Higher Education Institutions, Horseradish Peroksidaz(HRP) ve Türevleri Kullanılarak Çevre Kirletici Boyaların Giderilmesi, 2010 - 2012
- HATİPOĞLU A., Project Supported by Higher Education Institutions, Bis (fenilimin) schiff bazı ligandlarının ve metal komplekslerinin biyolojik aktiviteleri için yeni bir teorik modelin geliştirilmesi., 2007 - 2011
- Hatipoğlu A., Çınar Z., Project Supported by Higher Education Institutions, Glikol ve Amino Alkollerin OH Radikalleri ile Reaksiyonlarının Kinetiğinin Teorik Olarak İncelenmesi, 2004 - 2010
- Hatipoğlu A., Çınar Z., Project Supported by Higher Education Institutions, Aromatik Kirleticilerin Fotokatalitik Degradasyon Kinetiğinin Deneysel ve Teorik Olarak İncelenmesi, 2000 - 2003
- Hatipoğlu A., Çınar Z. H. , Project Supported by Higher Education Institutions, DNA Molekülünün OH Radikalleri Tarafından Parçalanma Kinetiğinin İncelenmesi, 1994 - 1999

Scientific Refereeing

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turkish journal of chemistry, National Scientific Refreed Journal, June 2018

Citations

Total Citations (WOS):482

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