

Asst. Prof. DİLARA ÖZBAKIR İŞİN

Personal Information

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Education Information

Doctorate, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1996 - 2003

Post Graduate, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1994 - 1996

Under Graduate, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1989 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, 2-Pirolidonun yapısal özellikleri ve dimer oluşumu üzerine bağlı grup etkisinin AB initio moleküler orbital yöntemleriyle incelenmesi, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2003

Post Graduate, Bazı organik bileşiklerin indirgenme tepkimeleri, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1996

Academic Titles / Tasks

Research Assistant, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1994 - 2004

Professional Experience

Deputy Head of Department, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2009 - 2012

Courses

Uzmanlık Alan Dersi, Doctorate, 2019 - 2020

Organik Kimya - II, Under Graduate, 2018 - 2019

Uzmanlık Alan Dersi, Post Graduate, 2018 - 2019

Organik Kimya, Under Graduate, 2019 - 2020

Tez Çalışması, Doctorate, 2018 - 2019

Teorik Organik Kimyaya Giriş, Under Graduate, 2018 - 2019

Tez Çalışması, Post Graduate, 2018 - 2019

Organik Kimya, Under Graduate, 2019 - 2020

UZMANLIK ALAN DERSİ, Post Graduate, 2016 - 2017, 2017 - 2018

Organik Tepkime Mekanizmaları, Under Graduate, 2018 - 2019

Organik Kimya, Under Graduate, 2017 - 2018
Organik Tepkime Mekanizmaları, Under Graduate, 2018 - 2019
ORGANİK KİMYANIN İLKELERİ, Doctorate, 2016 - 2017, 2017 - 2018
ORGANİK KİMYA, Under Graduate, 2016 - 2017, 2017 - 2018
Organik Kimya - I, Under Graduate, 2018 - 2019
Organik Kimyanın İlkeleri, Doctorate, 2018 - 2019
Uzmanlık Alan Dersi, Doctorate, 2017 - 2018
ORGANİK KİMYA LAB., Under Graduate, 2017 - 2018
TEORİK ORGANİK KİMYAYA GİRİŞ, Under Graduate, 2016 - 2017, 2017 - 2018
ORGANİK TEPKİME MEKANİZMALARI, Under Graduate, 2017 - 2018
ORGANİK KİMYA-II, Under Graduate, 2016 - 2017, 2017 - 2018
ORGANİK KİMYA-I, Under Graduate, 2017 - 2018
BİTİRME ÖDEVİ, Under Graduate, 2017 - 2018
Bitirme Ödevi/Tezi, Under Graduate, 2017 - 2018
Teorik Organik Kimyaya Giriş, Under Graduate, 2015 - 2016
Organik Kimya II, Under Graduate, 2014 - 2015
Seminer Dersi, Doctorate, 2015 - 2016
Bitirme Ödevi/Tezi, Under Graduate, 2014 - 2015
Seminer Dersi, Post Graduate, 2013 - 2014
Organik Kimya I, Under Graduate, 2014 - 2015
Organik Kimya I Lab., Under Graduate, 2012 - 2013
Organik Kimya II Lab., Under Graduate, 2011 - 2012
Genel Kimya I, Under Graduate, 2011 - 2012
Genel Kimya, Under Graduate, 2010 - 2011
Genel Kimya Laboratuvarı I, Under Graduate, 2010 - 2011
Genel Kimya, Under Graduate, 2009 - 2010
Organik Kimya Lab, Under Graduate, 2008 - 2009
Genel Kimya Laboratuvarı I, Under Graduate, 2009 - 2010
Genel Kimya II, Under Graduate, 2007 - 2008
Genel Kimya II, Under Graduate, 2008 - 2009
Genel Kimya Lab - II, Under Graduate, 2006 - 2007
Genel Kimya I, Under Graduate, 2007 - 2008
Organik Kimya, Under Graduate, 2006 - 2007
Organik Kimya, Under Graduate, 2006 - 2007
Kimya IV, Under Graduate, 2005 - 2006

Advising Theses

ÖZBAKIR IŞIN D., Urazolün proton transfer tepkimelerinin ab initio moleküler orbital yöntemleri ile incelenmesi, Post Graduate, Ş.ERDOĞAN(Student), 2012

ÖZBAKIR IŞIN D., 3-hidroksitropolonun proton transfer tepkimesi üzerine bağlı grup ve çözücü etkilerinin ab initio moleküler orbital yöntemleri ile incelenmesi, Post Graduate, V.GÜL(Student), 2012

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

- A theoretical evaluation on free radical scavenging activity of 3-styrylchromone derivatives: the DFT study
Cakmak E., ÖZBAKIR IŞIN D.
JOURNAL OF MOLECULAR MODELING, vol.26, 2020 (Journal Indexed in SCI)

- **A computational study on corrosion inhibition performances of novel quinoline derivatives against the corrosion of iron**
ERDOĞAN Ş., Safi Z. S., KAYA S., ÖZBAKIR İŞİN D., Guo L., KAYA C.
JOURNAL OF MOLECULAR STRUCTURE, vol.1134, pp.751-761, 2017 (Journal Indexed in SCI)
- **Theoretical study on the investigation of antioxidant properties of some hydroxyanthraquinones**
ÖZBAKIR İŞİN D.
MOLECULAR PHYSICS, vol.114, pp.3578-3588, 2016 (Journal Indexed in SCI)
- **Quantum chemical study on the inhibition efficiencies of some sym-triazines as inhibitors for mild steel in acidic medium**
ÖZBAKIR İŞİN D., KARAKUŞ N.
JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.50, pp.306-313, 2015 (Journal Indexed in SCI)
- **Theoretical Study on the Self- and Water-Assisted Proton Transfer Reaction of Urazole**
Erdogan S., Isin D.
CHEMISTRY OF HETEROCYCLIC COMPOUNDS, vol.50, pp.986-997, 2014 (Journal Indexed in SCI)
- **Computational Investigation of the Substituent Effect on the Intramolecular Proton Transfer Reaction of 3-Hydroxytropolone**
Gul V., ÖZBAKIR İŞİN D.
CHINESE JOURNAL OF STRUCTURAL CHEMISTRY, vol.33, pp.1757-1767, 2014 (Journal Indexed in SCI)
- **Computational study of the intramolecular proton transfer reactions of 3-hydroxytropolone (2,7-dihydroxycyclohepta-2,4,6-trien-1-one) and its dimers**
ÖZBAKIR İŞİN D., KARAKUŞ N.
JOURNAL OF MOLECULAR MODELING, vol.16, pp.1877-1882, 2010 (Journal Indexed in SCI)
- **A computational study on the self-association of -CN, -NH₂, -CH₃ and -C(CH₃)₃ derivatives of 2-pyrrolidinone**
Isin D., Yekeler H.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.685, pp.117-126, 2004 (Journal Indexed in SCI)
- **Concerning the solvent effect in the tautomerism of uracil, 5-fluorouracil, and thymine by density-functional theory and ab initio calculations**
Yekeler H., Ozbakir D.
JOURNAL OF MOLECULAR MODELING, vol.7, pp.103-111, 2001 (Journal Indexed in SCI)

Articles Published in Other Journals

- **DFT Study on Antioxidant Action Mechanisms of Naphthoquinone-Urazole Hybrids**
ÖZBAKIR İŞİN D.
Cumhuriyet Science Journal, vol.39, pp.734-744, 2018 (Other Refereed National Journals)
- **DENSITY FUNCTIONAL THEORY STUDY OF THE ANTIOXIDANTACTIVITY OF FORMLY CHROMONE SCHIFF BASES**
ÖZBAKIR İŞİN D.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.2, pp.78-80, 2015 (Refereed Journals of Other Institutions)
- **CORROSION INHIBITION EFFECT OF SOME AMINO SUBSTITUTEDTHIADIAZOLES ON COPPER QUANTUM CHEMICAL STUDY**
KARAKUŞ N., ÖZBAKIR İŞİN D.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.2, pp.62-66, 2015 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **The Theoretical Investigation on the Antioxidant Activity of Some Naphthoquinone-Urazole Hybrids**
ÖZBAKIR İŞİN D.
20th International Conference on Advances in Chemistry and Applied Chemistry, 30 - 31 January 2018
- **Investigation of antioxidant properties of some hydroxyanthraquinones A Density Functional Theory Study**
ÖZBAKIR İŞİN D.
28. Ulusal Kimya Kongresi, Mersin, Turkey, 15 - 21 August 2016
- **Corrosion Inhibition Effect of Some Amino Substituted Thiadiazoles on Copper Quantum Chemical Study**
KARAKUŞ N., ÖZBAKIR İŞİN D.
XI. Kimyasal Fizik Kongresi Piri Reis Üniversitesi, İstanbul, 17 - 18 October 2014
- **Density functional theory study of the antioxidant activity of formly chromone schiff bases**
ÖZBAKIR İŞİN D.
XI. Chemical Physics Congress, 17 - 18 October 2014
- **Quantum Chemical Study on the Inhibition Efficiencies of Some Sym triazines as Inhibitors for Mild Steel in Acidic Medium**
ÖZBAKIR İŞİN D., KARAKUŞ N.
XI. Chemical Physics Congress, 17 - 18 October 2014
- **The investigation of the proton transfer reactions of urazole by ab initio molecular orbital theory**
ERDOĞAN Ş., ÖZBAKIR İŞİN D.
Chemical Physics X, 10 - 12 October 2012
- **3 Hidroksitropolonun Proton Transfer Tepkimesi Üzerine Bağlı Grup Etkisinin DFT Yöntemiyle İncelenmesi**
Gül V., ÖZBAKIR İŞİN D.
XXV. Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011
- **3 Hidroksitropolonun Proton Transfer Tepkimesi Üzerine Çözücü Etkisinin DFT Yöntemiyle İncelenmesi**
ÖZBAKIR İŞİN D., KARAKUŞ N.
24. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Turkey, 2 June - 02 July 2010
- **A computational study on self association of CN and NH₂ of 2 pyrrolidinone**
ÖZBAKIR İŞİN D., YEKELER H.
Chemical Physics V, 31 October - 01 November 2002
- **Investigation of solvent effect on the tautomerism of thymine by density functional theory and ab initio calculations**
ÖZBAKIR D., YEKELER H.
Chemical Physics IV, 28 - 29 October 2000
- **Bazı Organik Bileşiklerin İndirgenme Tepkimeleri**
ÖZBAKIR D., ÖZKAN R.
XIII. Ulusal Kimya Kongresi, Turkey, 31 August - 04 September 1999

Citations

Total Citations (WOS):110

h-index (WOS):5