

Prof. NURTEN TEZER

Personal Information

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Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1993 - 1999

Research Areas

Organic Chemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2000 - Continues

Courses

Organik Kimya, Undergraduate, 2018 - 2019
İleri Organik Kimya-II, Postgraduate, 2019 - 2020
Seminer Dersi, Postgraduate, 2018 - 2019
Organik Kimya Lab, Undergraduate, 2018 - 2019
Bitirme Ödevi/Tezi, Undergraduate, 2019 - 2020
Organik Kimya-I, Undergraduate, 2019 - 2020
İleri Organik Kimya I, Postgraduate, 2018 - 2019
Organik Bileşiklerin Sistemetiği, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020
Genel Kimya I, Undergraduate, 2018 - 2019
Genel Kimya Lab.I, Undergraduate, 2018 - 2019
Organik Kimyada Bilgisayar Uygulamaları I, Postgraduate, 2018 - 2019
Organik Kimya, Undergraduate, 2018 - 2019
Organik Kimya Lab, Undergraduate, 2017 - 2018
Genel Kimya-II, Undergraduate, 2016 - 2017
Uzmanlık Alan Dersi, Doctorate, 2016 - 2017
Genel Kimya I, Undergraduate, 2017 - 2018
Genel Kimya II, Undergraduate, 2016 - 2017
Genel Kimya II, Undergraduate, 2015 - 2016
Organik Kimyada Bilgisayar Uygulamaları-II, Postgraduate, 2015 - 2016
Genel Kimya Lab. - II, Undergraduate, 2015 - 2016
Genel Kimya II, Undergraduate, 2015 - 2016
Genel Kimya - II, Undergraduate, 2015 - 2016
Genel Kimya Laboratuvarı I, Undergraduate, 2015 - 2016

Bitirme Ödevi/Tezi, Undergraduate, 2015 - 2016
Genel Kimya Laboratuvarı I, Undergraduate, 2015 - 2016
Organik Kimya-I, Undergraduate, 2012 - 2013
Organik Kimya Lab, Undergraduate, 2012 - 2013
Organik Kimya Lab, Undergraduate, 2012 - 2013
Genel Kimya I, Undergraduate, 2013 - 2014
Organik Kimya-II, Undergraduate, 2012 - 2013
Organik Kimya-II, Undergraduate, 2011 - 2012
Organik Kimya, Undergraduate, 2009 - 2010
Genel Kimya, Undergraduate, 2010 - 2011
Organik Kimya, Undergraduate, 2009 - 2010
Organik Kimya, Undergraduate, 2004 - 2005

Advising Theses

TEZER N., Bazı DNA baz çiftleri ile geçiş metal komplekslerinin DFT yöntemiyle iletkenlik hesaplamaları, Doctorate, A.ÜNGÖRDÜ(Student), 2017
TEZER N., Üridin ve bazı üridin türevlerinde alkali metal katyonlarının N-glikozidik bağına etkilerinin moleküler orbital yöntemleri ile incelenmesi, Postgraduate, F.DİKÇAL(Student), 2011
TEZER N., Bazı 4-hidroksikinolin türevlerinin moleküler orbital yöntemleriyle incelenmesi, Postgraduate, H.ALPER(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electronic Properties of Artificial Metal-DNA Base Pair Complexes Formed from Hydroxypyridone Base**
ÜNGÖRDÜ A., TEZER N.
CHEMISTRYSELECT, vol.5, no.24, pp.7267-7276, 2020 (SCI-Expanded)
- II. **Effect on frontier molecular orbitals of substituents in 5-position of uracil base pairs in vacuum and water**
ÜNGÖRDÜ A., TEZER N.
JOURNAL OF THEORETICAL & COMPUTATIONAL CHEMISTRY, vol.16, no.7, 2017 (SCI-Expanded)
- III. **DFT study on metal-mediated uracil base pair complexes**
ÜNGÖRDÜ A., TEZER N.
JOURNAL OF SAUDI CHEMICAL SOCIETY, vol.21, no.7, pp.837-844, 2017 (SCI-Expanded)
- IV. **The solvent (water) and metal effects on HOMO-LUMO gaps of guanine base pair: A computational study**
ÜNGÖRDÜ A., TEZER N.
JOURNAL OF MOLECULAR GRAPHICS & MODELLING, vol.74, pp.265-272, 2017 (SCI-Expanded)
- V. **Density functional theory and ab-initio computational study of molecular structure, tautomerism, and geometrical isomerism of ethynyl-bridged dipyridinones: In the gas phase and dielectric media**
Tezer N.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.895, pp.100-106, 2009 (SCI-Expanded)
- VI. **Conformation and tautomerism of the 2-methyl-4-pyridin-2'-yl-1,5-benzodiazepine molecule. An ab initio study**
Tezer N.
JOURNAL OF MOLECULAR MODELING, vol.14, no.1, pp.11-20, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Metal-mediated thymine base pair complexes: A DFT study**
ÜNGÖRDÜ A., TEZER N.
Turkish Computational and Theoretical Chemistry, vol.1, no.1, pp.35-41, 2017 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **NEGF Study On Metal-DNA Base Pairs Formed From Artificial Hydroxypyridone Base**
ÜNGÖRDÜ A., TEZER N.
13th Nanoscience and Nanotechnology Conference (NANOTR13), Antalya, Turkey, 22 - 25 October 2017
- II. **NEGF STUDY ON METAL-MEDIATED THYMINE BASE PAIR COMPLEXES**
ÜNGÖRDÜ A., TEZER N.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES (ICSMD-2017), Konya, Turkey, 17 - 19 August 2017
- III. **DETERMINATION BY BAND THEORY OF ELECTRICAL CONDUCTIVITY OF METAL-DNA BASE PAIRS FORMED FROM ARTIFICIAL HYDROXYPYRIDONE BASE IN DIFFERENT FIELDS**
ÜNGÖRDÜ A., TEZER N.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES (ICSMD-2017), Konya, Turkey, 17 - 19 August 2017
- IV. **THEORETICAL STUDY ON ELECTRICAL CONDUCTIVITY OF METAL-DNA BASE PAIRS FORMED FROM ARTIFICIAL HYDROXYPYRIDINETHIONE BASE**
ÜNGÖRDÜ A., TEZER N.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES (ICSMD-2017), Konya, Turkey, 17 - 19 August 2017
- V. **THE ELECTRICAL CONDUCTIVITY OF METAL-DNA BASE PAIRS FORMED FROM NATURAL THYMINE BASE: A DFT STUDY**
ÜNGÖRDÜ A., TEZER N.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES (ICSMD-2017), Konya, Turkey, 17 - 19 August 2017
- VI. **Theoretical study on the ground state intramolecular proton transfer IPT and solvation effect in two Schiff bases formed by 2 aminopyridine with 2 hydroxy 1 naphthaldehyde and 2 hydroxy salicylaldehyde**
TEZER N., KARAKUŞ N.
XXII. Ulusal Kimya Kongresi, Doğu Akdeniz Üniversitesi, Turkey, 6 - 10 October 2008

Metrics

Publication: 13
Citation (WoS): 53
Citation (Scopus): 75
H-Index (WoS): 3
H-Index (Scopus): 4