

Prof. NAİME FUNDA TAY

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (Dr), Turkey 2000 - 2005

Postgraduate, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (YI) (Tezli), Turkey 1998 - 2000

Undergraduate, Eskişehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı biyolojik aktif heteroaromatik moleküllerin sentezleri asitlik sabitlerinin deneysel ve teorik olarak saptanması, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (Dr), 2005

Postgraduate, Bazı indazol türevlerinin tautomerik dengelerinin teorik olarak incelenmesi, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (YI) (Tezli), 2000

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Eskişehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2016 - Continues

Associate Professor, Eskişehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2012 - 2016

Assistant Professor, Eskişehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2008 - 2012

Research Assistant, Eskişehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 1999 - 2008

Courses

CHEMISTRY I(A), Undergraduate, 2020 - 2021
HISTORY OF SCIENCE AND CHEMISTRY (A), Postgraduate, 2020 - 2021
SPECIALIZATION FIELD COURSE (YL) (J), Postgraduate, 2020 - 2021
MECHANISTIC ORGANIC CHEMISTRY I (A), Undergraduate, 2020 - 2021
MASTER'S THESIS STUDY (J), Postgraduate, 2020 - 2021
CHEMISTRY (A), Undergraduate, 2020 - 2021

Advising Theses

TAY N. F., Triazoliltiyo Substitüye Asetilaminofenilbenzotiyazol Türevlerinin Sentezi ve Karakterizasyonu, Postgraduate, N.KAYA(Student), 2015

TAY N. F., Bazı naftiltiyazolilamin türvelerinin sentezi ve karakterizasyonu, Postgraduate, C.ERKAN(Student), 2014

TAY N. F., Bazı 1-Aril-3-hidroksi-1,2,4-triazollerin teorik olarak incelenmesi, Postgraduate, S.GÜNDOĞDU(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, anticholinesterase activity, molecular docking, and molecular dynamic simulation studies of 1,3,4-oxadiazole derivatives**
Durmaz Ş., Evren A. E., Sağlık B. N., Yurttaş L., TAY N. F.
Archiv der Pharmazie, vol.355, no.11, 2022 (SCI-Expanded)
- II. **Synthesis, antimicrobial activity and modeling studies of thiazoles bearing pyridyl and triazolyl scaffolds**
Funda Tay N. F., Berk B., DURAN M., Kayagil A., Yurttaş L., Biltekin Kaleli S. N., YAMAÇ M., Karaduman A. B., Demirayak A. E.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.9-10, pp.429-446, 2022 (SCI-Expanded)
- III. **Synthesis, antimicrobial and antioxidant activities of pyridyl substituted thiazolyl triazole derivatives**
TAY N. F., DURAN M., Kayagil I., Yurttaş L., GÖGER G., Goger F., Demirci F., Demirayak S.
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.58, 2022 (SCI-Expanded)
- IV. **Removal of copper(II) and nickel(II) ions from aqueous solution using non-living lichen Ramalina fraxinea biomass: investigation of kinetics and sorption isotherms**
Candan M., Tay N. F., Avan İ., Tay T.
DESALINATION AND WATER TREATMENT, vol.75, pp.148-157, 2017 (SCI-Expanded)
- V. **Screening of antibacterial, antituberculosis and antifungal effects of lichen Usnea florida and its thamnolic acid constituent**
CANKILIÇ M. Y., Sariozlu N. Y., CANDAN M., TAY N. F.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.7, pp.3108-3113, 2017 (SCI-Expanded)
- VI. **Synthesis, antimicrobial and anticancer activities of some naphthylthiazolylamine derivatives**
TAY N. F., Erkan C., Sariozlu N. Y., ERGENE E., DEMİRAYAK Ş.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.6, pp.2696-2703, 2017 (SCI-Expanded)
- VII. **Synthesis and antitumor activity evaluation of new 2-(4-aminophenyl)benzothiazole derivatives bearing different heterocyclic rings**
YURTTAŞ L., TAY N. F., DEMİRAYAK Ş.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.3, pp.458-465, 2015 (SCI-Expanded)
- VIII. **A quantum chemical DFT/HF study on acidity constants of some benzothiazole and thiazole derivatives**
TAY N. F., DURAN M., DEMİRAYAK Ş.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, vol.53, no.1, pp.102-110, 2014 (SCI-Expanded)

- IX. **Synthesis of some N-[4-(benzothiazole-2yl)phenyl]-2-aryloxyacetamide derivatives and their anticancer activities**
TAY N. F., YURTTAŞ L., DEMİRAYAK Ş.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.4, pp.515-520, 2012 (SCI-Expanded)
- X. **Quantum chemical studies on acidity-basicity behaviors of some bipyridine derivatives**
Ogretir C., Ozturk I. I., TAY N. F.
ARKIVOC, pp.235-254, 2009 (SCI-Expanded)
- XI. **Determination and evaluation of acid dissociation constants of some substituted 2-aminobenzothiazole derivatives**
Ogretir C., DEMİRAYAK Ş., TAY N. F., DURAN M.
JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.53, no.2, pp.422-426, 2008 (SCI-Expanded)
- XII. **A theoretical study on protonation of some halogen substituted pyridine derivatives**
Ogretir C., TAY N. F., Oeztuerk I. I.
JOURNAL OF MOLECULAR GRAPHICS & MODELLING, vol.26, no.4, pp.740-747, 2007 (SCI-Expanded)
- XIII. **Quantum chemical studies on tautomerism, isomerism and deprotonation of some 5(6)-substituted benzimidazole-2-thiones**
Ogretir C., Oeztuerk I. I., TAY N. F.
ARKIVOC, pp.75-99, 2007 (SCI-Expanded)
- XIV. **Quantum chemical studies on the tautomerism of some potentially tautomeric aminoindazole derivatives**
Ogretir C., TAY N. F.
STRUCTURAL CHEMISTRY, vol.17, no.3, pp.263-274, 2006 (SCI-Expanded)
- XV. **Spectroscopic determination of acid dissociation constants of some pyridyl-substituted 2-aminothiazole derivatives**
Ogretir C., Demirayak S., Tay N. F.
JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.51, no.3, pp.946-951, 2006 (SCI-Expanded)
- XVI. **Investigation of the structure and properties of some indazole derivatives using the AM1, PM3 and MNDO semiempirical methods. 2. An aqueous phase study**
Ogretir C., TAY N. F.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.588, pp.145-153, 2002 (SCI-Expanded)
- XVII. **Quantum chemical calculations on the annular tautomerism of some indazole derivatives. 1. A gas phase study**
Ogretir C., Kaypak N. F.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.583, pp.137-144, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis, Structure Elucidation and Determination of Acid Dissociation Constant, Tautomerism of Pyrido [1,2-a] benzimidazole-2,4-dione**
Kayagil i., TAY N. F., Konak H., İspir C., DEMİRAYAK Ş.
Acta Pharm. Sci, vol.54, pp.23-34, 2016 (Peer-Reviewed Journal)
- II. **DETERMINATION AND EVALUATION OF ACIDITY CONSTANTS OF SOMEIMIDAZOLE AND THIAZOLE LINKED ACETAMIDE COMPOUNDS**
Tay N. F., Duran M., İspir C., Demirayak Ş.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, vol.17, no.2, pp.263-272, 2016 (Peer-Reviewed Journal)

Metrics

Publication: 20

Citation (WoS): 105

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H-Index (Scopus): 7