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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 1988 - 1994

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 1985 - 1988

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya, Turkey 1980 - 1985

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Haloketenlerin allileterler ile siklokatılma tepkimeleri, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1994

Postgraduate, Difenilketen ile pirolün 1:1 ve 2:1 siklokatılma ürünlerinin elde edilmesi ve stereokimyasal yapısının tayini, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1988

Research Areas

Chemistry, Organic Chemistry, Chemistry of Aromatic Compounds, Chemistry of Dyes and Pigments, Chemistry of Heterocyclic Compounds, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2014 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2006 - 2014

Assistant Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 1997 - 2006

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 1986 - 1997

Advising Theses

Şenöz H., Seferoğlu Z., D- π -A- π -D SİSTEMİNİ İÇEREN YENİ FONKSİYONEL BOYAR MADDELERİN SENTEZİ, FOTOFİZİKSEL VE İSİSAL ÖZELLİKLERİNİN ARAŞTIRILMASI, Postgraduate, A.ÖZARSLAN(Student), 2019

ŞENÖZ H., Yeni 1,3-disübstitüe formazan ve bis-formazanların sentezi ve yapılarının spektroskopik yöntemlerle aydınlatılması, Postgraduate, E.YILDIRIM(Student), 2013

TUNOĞLU N., ŞENÖZ H., Poli(O-fenilen-KO-adipikasit) sentezi ve karakterizasyonu, Postgraduate, M.KURT(Student), 2008

TUNOĞLU N., ŞENÖZ H., Synthesis of new schiff bases and complexation with metals, Doctorate, M.TİMUR(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, Spectroscopic (FT-IR, H-1 NMR, and UV-Vis) and Nonlinear Optical Properties of a Novel 3-(p-Cyanophenyl)-5-(o, m, p-Iodophenyl)-1-Phenylformazan: Experimental and DFT Studies**
TOY M., VURAL H., ŞENÖZ H.
POLYCYCLIC AROMATIC COMPOUNDS, vol.43, no.8, pp.7279-7296, 2023 (SCI-Expanded)
- II. **Synthesis and investigation of photophysical, NLO and thermal properties of D- π -A- π -D dyes**
Ozarslan A., Cakmaz D., EROL F., ŞENÖZ H., SEFEROĞLU N., Barsella A., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1229, 2021 (SCI-Expanded)
- III. **The novel sensitive and selective chemosensors for determination of multiple analytes**
Cakmaz D., Ozarslan A., AYDINER B., Eroglu A. B., SEFEROĞLU N., ŞENÖZ H., SEFEROĞLU Z.
DYES AND PIGMENTS, vol.183, 2020 (SCI-Expanded)
- IV. **Experimental and DFT computational studies of novel 3-(p-cyanophenyl)-5-(o,m,p-nitrophenyl)-5-phenylformazans**
TOY M., TANAK H., ŞENÖZ H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1213, 2020 (SCI-Expanded)
- V. **Experimental and quantum chemical studies of the structural and spectral properties of novel diazenyl formazans**
Tezcan H., ŞENÖZ H., Tokay N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1190, pp.171-183, 2019 (SCI-Expanded)
- VI. **Synthesis of novel 5-substituted phenyl-3-(p-isopropylphenyl)-1-phenylformazan and their biological activities**
Sahin Yaglioglu A., ŞENÖZ H.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.6, pp.883-891, 2017 (SCI-Expanded)
- VII. **Synthesis, spectral analysis, structural elucidation and quantum chemical studies of (E)-methyl-4-[(2-phenylhydrazono) methyl]benzoate**
Sahin Z. S., ŞENÖZ H., Tezcan H., Buyukgungor O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.143, pp.91-100, 2015 (SCI-Expanded)
- VIII. **Identification of structural and spectral properties of synthesized 3-(p-isopropylphenyl)-5-(o,m,p-nitrophenyl)-1-phenylformazans: A combined experimental and DFT study**
Toy M., Tanak H., ŞENÖZ H.
DYES AND PIGMENTS, vol.113, pp.510-521, 2015 (SCI-Expanded)
- IX. **Synthesis of Some Substituted Formazans and bis Formazans**
YILDIRIM E., ŞENÖZ H.
ASIAN JOURNAL OF CHEMISTRY, vol.26, no.18, pp.6029-6032, 2014 (SCI-Expanded)
- X. **Synthesis and Spectral Properties of 1-Substituted Phenyl-3-(p-methoxycarbonyl)phenyl-5-phenylformazans**
ŞENÖZ H., YILDIRIM E., Tezcan H.
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.6, pp.2989-2993, 2013 (SCI-Expanded)
- XI. **Spectral and electrochemical behavior of 1-[(NO₂, COOH)-substituted phenyl]-3,5-diphenylformazans**
Tezcan H., ŞENÖZ H., Tokay N.

MONATSHEFTE FÜR CHEMIE, vol.143, no.4, pp.579-588, 2012 (SCI-Expanded)

- XII. **Synthesis and X-ray crystal structure determination of N-p-methylphenyl-4-benzoyl-3,4-diphenyl-2-azetidinone**
Kabak M., ŞENÖZ H., Elmali A., ADAR V., SVOBODA I., DUSEK M., FEJFAROVA K.
CRYSTALLOGRAPHY REPORTS, vol.55, no.7, pp.1220-1222, 2010 (SCI-Expanded)
- XIII. **Synthesis, Crystallographic and Spectral Studies of 3-(4-(Phenylamino) Phenylamino)Cyclohex-2-Enone**
TIMUR M., Kavak G., ŞENÖZ H., İDE S., TUNOĞLU N.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.4, pp.376-380, 2010 (SCI-Expanded)
- XIV. **Synthesis and characterization of poly(hydroxyethyl methacrylate-N-methacryloyl-(L)-glutamic acid) copolymer beads for removal of lead ions**
DENİZLİ A., GARİPCAN B., KARABAKAN A., Senoz H.
MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, vol.25, no.4, pp.448-454, 2005 (SCI-Expanded)
- XV. **Synthesis of dextran dicarboxylic acid and investigation of its complexes with metal ions in aqueous solutions**
Senoz H., GÜNER A., TUNOĞLU N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.93, no.5, pp.2262-2265, 2004 (SCI-Expanded)
- XVI. **2-Trichloroacetyl-1-(1-pyrrolidinyl)cyclopentene**
KAYNAK F. B., OZBEY S., Senoz H., TUNOĞLU N.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (SCI-Expanded)
- XVII. **Trichloroacetylation of some cyclic enamines**
Senoz H., TUNOĞLU N.
CHEMICAL & PHARMACEUTICAL BULLETIN, vol.51, no.4, pp.444-447, 2003 (SCI-Expanded)
- XVIII. **Crystal structures of N-(trichloroacetyl)morpholine and 2,6-di(trichloroacetyl)cyclohexanone**
OZBEY S., KAYNAK F. B., Senoz H., TUNOĞLU N.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE, vol.218, no.6, pp.440-444, 2003 (SCI-Expanded)
- XIX. **Crystal structure of 2,6-di-(trichloroacetyl)-1-(N-morpholinyl)cyclohexene**
OZBEY S., Senoz H., TUNOĞLU N.
ANALYTICAL SCIENCES, vol.16, no.9, pp.1005-1006, 2000 (SCI-Expanded)
- XX. **Polycondensation studies of some cycloaddition products bearing carboxylate groups with ethylene glycol**
Senoz H., TUNOĞLU N.
MACROMOLECULAR RAPID COMMUNICATIONS, vol.20, no.6, pp.361-364, 1999 (SCI-Expanded)
- XXI. **Cycloaddition reactions of dichloroketene to allyl ethers**
Senoz H., YILDIRIR S.
TURKISH JOURNAL OF CHEMISTRY, vol.20, no.2, pp.168-173, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Antiproliferative effects of substituents in formazan derivatives against HeLa and C6 cell line**
ŞAHİN YAĞLIOĞLU A., ŞENÖZ H.
Hacettepe J. Biol. Chem., vol.41, no.4, pp.371-378, 2013 (Peer-Reviewed Journal)
- II. **The Chemistry of Formazans and Tetrazolium Salts**
ŞENÖZ H., TUNOĞLU N.
Hacettepe J. Biol. Chem., vol.40, no.3, pp.293-301, 2012 (Peer-Reviewed Journal)
- III. **Acetylation of Some Cyclic Enamines With Substituted Acetyl Chlorides**
ŞENÖZ H., TUNOĞLU N.
Hacettepe J. Biol. Chem., vol.38, no.2, pp.95-105, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Experimental and Theoretical Investigationon 3-(4-cyanophenyl)-5-(3 -iyodophenyl)-1-phenylformazan**
TANAK H., TOY M., ŞENÖZ H.
CSC-2018 Computational Science Congress, 24 - 26 October 2018
- II. **(2z,4e)-3-(4-Cyanophenyl)-5-(4-Nitrophenyl)-1-Phenylformazan'xxnın Deneysel ve Kuramsal Çalışmaları(ICONTRENDs)**
TANAK H., TOY M., ŞENÖZ H., ORBAY M.
International Congress on New Trends in Science, Engineering and Technology" (ICONTRENDs), 27 - 29 April 2017
- III. **(2z,4e)-3-(4-Cyanophenyl)-5-(4-Nitrophenyl)-1-Phenylformazan'xxnın Deneysel Ve Kuramsal Çalışmaları**
TOY M., TANAK H., ŞENÖZ H.
international on New trends in science, Engineering and Technology, Amasya, Turkey, 27 - 29 April 2017, pp.159

Supported Projects

ŞENÖZ H., Project Supported by Higher Education Institutions, pAminoazobenzen ile Yeni Formazanların Sentezleri, 2016 - 2016

ŞENÖZ H., Sonal N. H., Project Supported by Higher Education Institutions, Yeni formazanların sentezleri ve yapılarının aydınlatılması, 2015 - 2016

Metrics

Publication: 27

Citation (WoS): 103

Citation (Scopus): 86

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H-Index (Scopus): 4