

Prof. ZEYNEL SEFEROĞLU

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 133549

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2001 - 2006

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1998 - 2001

Undergraduate, Hacettepe University, Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 1992 - 1998

Foreign Languages

German, A2 Elementary

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı indol türevlerinden heterosiklik azo boyarmaddelerin sentezi ve özelliklerinin incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2006

Postgraduate, Synthesis of tetracyclic strychnos alkaloids, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2001

Research Areas

Organic Chemistry, Chemistry of Dyes and Pigments, Chemistry of Heterocyclic Compounds, Photochemistry of Organics, Organic Reaction Mechanisms, Organic Spectroscopy, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Kimya, 2017 - Continues

Professor, Universitaet Siegen, Chemistry-Biology Faculty, Organic Chemistry, 2022 - 2024

Associate Professor, Gazi University, Fen Fakültesi, Kimya, 2010 - 2017

Associate Professor, University of Florida, Kimya, 2016 - 2016

Associate Professor, Universitaet Siegen, Kimya-Biyoloji Fakültesi, 2012 - 2013

Assistant Professor, Gazi University, Fen Fakültesi, Kimya, 2007 - 2010

Lecturer PhD, Gazi University, Fen Bilimleri Enstitüsü, -, 2006 - 2007

Research Assistant, Gazi University, Fen Bilimleri Enstitüsü, -, 2005 - 2006

Research Assistant, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1999 - 2005

Academic and Administrative Experience

Teknopark Yönetim Kurulu, Gazi University, Fen Fakültesi, Kimya, 2021 - 2022

Döner Sermaye Yönetim Kurulu, Gazi University, Fen Fakültesi, Kimya, 2021 - 2022

Proje Koordinasyon Uygulama ve Araştırma Merkezi Danışma Kurulu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2020 - 2022

Rektörlük Stratejik Plan Komisyonu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2020 - 2022

Rektörlük Kalite Komisyonu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2020 - 2022

Döner Sermaye Projeleri Komisyonu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2020 - 2022

BAP Scientific Commissioner, Gazi University, Fen Fakültesi, Kimya, 2020 - 2022

Araştırma ve Geliştirme Kurum Koordinatörü, Gazi University, Fen Fakültesi, Kimya, 2020 - 2022

Gazi University, Fen Fakültesi, Kimya Bölümü, 2008 - 2009

Courses

YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2021 - 2022

ORGANİK KİMYADA SENTEZ TASARIMI, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019

DOKTORA TEZİNE HAZIRLIK, Doctorate, 2021 - 2022

ORGANİK KİMYA 1, Undergraduate, 2021 - 2022, 2017 - 2018

YÜKSEK LİSANS TEZİNE HAZIRLIK, Postgraduate, 2021 - 2022

ORGANİK BOYAR MADDELER , Doctorate, 2021 - 2022

DOKTORA TEZ ÇALIŞMASI, Doctorate, 2021 - 2022

GENEL KİMYA, Undergraduate, 2021 - 2022

ARAŞTIRMA PROJESİ, Undergraduate, 2021 - 2022

HETERO BİLEŞİKLERİN KİMYASI, Postgraduate, 2020 - 2021, 2016 - 2017, 2015 - 2016

KİMYA LABORATUVARI, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016

KİMYA, Undergraduate, 2019 - 2020

ORGANİK KİMYA, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016

HETEROSİKLİK BİLEŞİKLER KİMYASI, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016

KİMYA, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016

ORGANİK KİMYA LABORATUVARI, Undergraduate, 2018 - 2019, 2016 - 2017

ORGANİK KİMYAYA GİRİŞ, Undergraduate, 2019 - 2020

ORGANİK KİMYA LABORATUVARI 1, Undergraduate, 2017 - 2018

ORGANİK KİMYA 2, Undergraduate, 2018 - 2019, 2017 - 2018

KİMYA 1, Undergraduate, 2017 - 2018, 2016 - 2017

ORGANİK KİMYA LABORATUVARI 2, Undergraduate, 2017 - 2018, 2015 - 2016

Advising Theses

Seferoğlu Z., SYNTHESIS OF FLUORESCENT DICYANOMETHYLENVINYL-1,3-DICUMARIN COMPOUNDS CONTAINING DONOR-ACCEPTOR- π -DONOR (D-A- π -D) SYSTEM AND INVESTIGATION OF PHOTOPHYSICAL, CHEMOSENSOR, NONLINEAR OPTICAL AND THERMAL PROPERTIES, Postgraduate, R.METİN(Student), 2022

Seferoğlu Z., DESIGN, SYNTHESIS, AND INVESTIGATION OF PHOTOPHYSICAL AND THERMAL PROPERTIES OF NEW PUSH-PULL DYES FOR SECOND-ORDER NONLINEAR OPTICAL AND CHEMOSENSOR APPLICATIONS, Doctorate,

M.YAHYA(Student), 2022

SEFEROĞLU Z., The Synthesis Of 3-Amino-1-Hetarylfluorene/Fluorenone And Derivatives, Spectroscopic Determination Of Photophysical Properties And Interaction Mechanisms For Double Helix/G4-Dna, Postgraduate, H.DUYAR(Student), 2019

Seferoğlu Z., Merabet N., Synthesis of coumarin-thiophene derived and isatin derived Schiff bases: Application as cyanide chemosensors, DFT calculations and antibacterial activity, Doctorate, M.Chemchem(Student), 2019

SEFEROĞLU Z., The Synthesis Of Free Amino Group Containing Styryl Based Organic Compounds And Their Schiff Base Derivatives As Well As The Investigation Of Their Nlo, Photophysical And Thermal Properties, Postgraduate, A.UTAMA(Student), 2019

SEFEROĞLU Z., Investigation Of Synthesis, Photophysical, Nlo And Thermal Properties Of New Functional Dyes With Trifenilamine Based Donor-Π-Acceptor-Donor System, Postgraduate, E.Çatal(Student), 2019

SEFEROĞLU Z., Trifenilamin temelli donör- π -akseptör-donör (D- π -A-D) sistemi içeren yeni fonksiyonel boyar maddelerin sentezi, fotofiziksel, nlo ve ısısal özelliklerinin araştırılması, Postgraduate, E.ÇATAL(Student), 2019

SEFEROĞLU Z., 3-amino-1-hetarilflorene/florene ve türevlerinin sentezi, fotofiziksel özelliklerinin ve çift sarmal/G4-DNA'ya karşı etkileşim mekanizmalarının spektroskopik yöntemlerle belirlenmesi, Postgraduate, H.DUYAR(Student), 2019

SEFEROĞLU Z., D- π -A- π -D sistemini içeren yeni fonksiyonel boyar maddelerin sentezi, fotofiziksel ve ısısal özelliklerinin araştırılması, Postgraduate, A.ÖZARSLAN(Student), 2019

SEFEROĞLU Z., Synthesis Of New Fluorescence Organic Dyes Based On Coumarin-Thiophene And Investigation Of Their Usage In The Determination Of Amino Acids Containing Thiol Group, Postgraduate, D.ÇAKMAZ(Student), 2019

SEFEROĞLU Z., The Synthesis And Investigation Of, Spectroscopic And Thermal Properties Of Novel Triphenylamine Based Fluorescent Dyes Bearing Different Functional Groups, Postgraduate, E.KELEŞ(Student), 2019

SEFEROĞLU Z., Design And Synthesis Of Coumarin Based Organic Fluorophores And Investigation Of Their Applications As Fluorescent Probes Via Spectroscopic Methods, Doctorate, I.Yahaya(Student), 2018

SEFEROĞLU Z., Kumarin temelli organik floroflorların tasarımı, sentezi ve floresan prob olarak uygulanabilirliğinin spektroskopik yöntemlerle incelenmesi, Doctorate, I.YAHAYA(Student), 2018

SEFEROĞLU Z., Kumarin temelli floresan kemosensörlerin sentezi ve fotofiziksel özelliklerinin incelenmesi, Doctorate, E.GÜLŞEN(Student), 2018

SEFEROĞLU Z., The synthesis of new azo dyes containing strong donoracceptor groups and investigation of photophysical properties and anion-kation sensitivity, Postgraduate, Ö.ARSLAN(Student), 2017

SEFEROĞLU Z., Synthesis of a new series 2-(coumarin-3-yl)imidazo[1,2-a]pyrimidine derivatives with conventional microwave irradiation (MWI) method and investigation of photophysical, acidochromic and thermal properties, Doctorate, B.AYDINER(Student), 2017

SEFEROĞLU Z., The Synthesis In One-Pot Of Highly Fluorescent Coumarincontaining 3,5-Disubstituted-2,6-Dicyanoaniline Derivatives Under Microwave Irradiation And Investigation Of Photophysical And Thermal Properties Of, Postgraduate, V.Korkmaz(Student), 2017

SEFEROĞLU Z., Kumarin içeren yüksek floresansa sahip 3,5-disübstitüe-2,6-disiyanoanilin türevlerinin mikrodalga ışıması tekniği (MDI) kullanarak tek basamakta sentezi, fotofiziksel ve termal özelliklerinin incelenmesi, Postgraduate, V.KORKMAZ(Student), 2017

SEFEROĞLU Z., Synthesis, experimental and theoretical investigation of various photophysical and NLO properties of new series of styryl based dyes containing strong donor-acceptor group, Postgraduate, Y.BAYRAK(Student), 2017

SEFEROĞLU Z., Investigation Of Synthesis And Photophysical Properties Of Diphenylamine Based New Azo Dye, Postgraduate, T.AKSUNGUR(Student), 2017

SEFEROĞLU Z., The Synthesis And Characterization Of Novel Compounds Based On Fluorene/Fluorenone Ring And Determination Of Their Interaction Studies With Different Dna, Rna And Synthetic Oligonucleotides By Spectroscopic Methods, Doctorate, E.YALÇIN(Student), 2016

SEFEROĞLU Z., Kumarin-pirazol-triazin halkası içeren floresans melez moleküllerin sentezi, fotofiziksel özellikleri ve anyon algılayıcısı olarak kullanıma potansiyelinin incelenmesi, Postgraduate, M.ALKIŞ(Student), 2015

SEFEROĞLU Z., The Synthesis Of The Fluorescence Hybride Molecules That Have Coumarin-Pyrazol/Pyrazolone-Triazine Ring, The Examination Of Photophysical Features And Potential As Anion Sensor, Postgraduate, M.ALKIŞ(Student), 2015

SEFEROĞLU Z., Synthesis And Characterization Of New Fluorescent Probes With Coumarin-Pyrazolone Hybrid System, Investigation Of The Affinity Of These Molecules For Anions And Biomolecules And Determination Of Cytotoxic Effects, Doctorate, B.BABÜR(Student), 2015

SEFEROĞLU Z., The development of synthesis method for 3,5-diaryl/hetaryl-2,6-dicyanoanilines, Postgraduate, Y.CEMİLE(Student), 2014

SEFEROĞLU Z., Synthesis of new fluorescent coumarin-thiophene hybrid molecules and investigation of anion sensitive to various anions, Postgraduate, U.YANAR(Student), 2014

SEFEROĞLU Z., THE SYNTHESIS OF NEW PHENYLAZO DYES FROM VARIOUS INDOL DERIVATIVES AND INVESTIGATION OF THEIR ABSORPTION SPECTRA, Postgraduate, N.Tuna(Student), 2010

SEFEROĞLU Z., Çeşitli indol türevlerinden yeni fenilazo boyar maddelerinin sentezi ve absorpsiyon spektrumlarının incelenmesi, Postgraduate, N.TUNA(Student), 2010

SEFEROĞLU Z., Yeni azometin bileşiklerinin sentezi ve yapılarının aydınlatılması, Postgraduate, G.ELMACI(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Acyl thiourea derivatives: Versatile tools for chemosensing and heavy metal remediation**
Selcuk O., Azizi N., Aminzai M. T., SEFEROĞLU Z., Erben M. F., NURAL Y.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.12, no.6, 2024 (SCI-Expanded)
- II. **Evaluation of the Binding Properties of A New Phenylurea Appended Carbazole Compound to Pepsin/Trypsin by Computational and Multi-Spectral Analysis**
Gökoğlu E., Doyuran B., Özen G., Duyar H., Taskin-Tok T., Seferoğlu Z.
JOURNAL OF FLUORESCENCE, vol.34, no.5, pp.2359-2371, 2024 (SCI-Expanded)
- III. **D- π -A azo dyes bearing thiazole-diphenylamine units: Synthesis, photophysical and molecular structure properties, and use for dyeing of polyester fabrics**
YAMAN M., Renklitepe C., Kaplan G., Sakalli Y., SEFEROĞLU N., Şahin E., SEFEROĞLU Z.
Dyes and Pigments, vol.222, 2024 (SCI-Expanded)
- IV. **Colorimetric and fluorimetric detection of CN⁻ ion using a highly selective and sensitive chemosensor derived from coumarin-hydrazone**
Bouali W., YAMAN M., SEFEROĞLU N., SEFEROĞLU Z.
Journal of Photochemistry and Photobiology A: Chemistry, vol.448, 2024 (SCI-Expanded)
- V. **Photochromic derivatives of indigo: historical overview of development, challenges and applications**
Kaplan G., SEFEROĞLU Z., Berdnikova D. V.
Beilstein Journal of Organic Chemistry, vol.20, pp.228-242, 2024 (SCI-Expanded)
- VI. **Novel fluorescent sensors based on coumarin-hydrazide-hydrazone hybrid for the detection of CN⁻, Co²⁺ and Ni²⁺ ions: DFT and bioimaging in living cells**
Turhan O., YAMAN M., DİKMEN G., Nural Y., Sarıboyacı A. E., Tasa B. A., Soykan M. N., SEFEROĞLU Z.
Journal of Molecular Liquids, vol.392, 2023 (SCI-Expanded)
- VII. **Synthesis, anti-inflammatory activity, inverse molecular docking, and acid dissociation constants of new naphthoquinone-thiazole hybrids**
Efeoglu C., Taskin S., Selcuk O., Celik B., Tumkaya E., Ece A., Sari H., SEFEROĞLU Z., Ayaz F., Nural Y.
Bioorganic and Medicinal Chemistry, vol.95, 2023 (SCI-Expanded)
- VIII. **The syntheses, photophysical properties and pH-sensitive studies of heterocyclic azo dyes bearing coumarin-thiophene-thiazole**
Yahya M., Metin R., AYDINER B., SEFEROĞLU N., SEFEROĞLU Z.
Analytical Sciences, vol.39, no.6, pp.829-842, 2023 (SCI-Expanded)
- IX. **Synthesis, nonlinear optical properties, photophysical, and theoretical studies of azo dye bearing coumarin-thiophene**
Yahya M., SEFEROĞLU N., Kaplan G., Nural Y., Barsella A., SEFEROĞLU Z.
Journal of Molecular Structure, vol.1273, 2023 (SCI-Expanded)
- X. **Nucleophilic Approach to Cyanide Sensing by Chemosensors**

Keles E., AYDINER B., SEFEROĞLU Z.

Current Organic Synthesis, vol.20, no.1, pp.61-76, 2023 (SCI-Expanded)

- XI. **Colorimetric and Fluorimetric Chemosensors for Detection of Anions, Cations, pH and Small Molecules**
SEFEROĞLU Z., AYDINER B.
Current Organic Synthesis, vol.20, no.1, pp.2-3, 2023 (SCI-Expanded)
- XII. **The The Synthetic Approaches for Preparation of Indigo and Applications in Denim Industry**
Kaplan G., SEFEROĞLU Z.
Current Organic Synthesis, vol.20, no.4, pp.361-364, 2023 (SCI-Expanded)
- XIII. **Recent advances in colorimetric and fluorometric sensing of neurotransmitters by organic scaffolds**
Chemchem M., Chemchem A., AYDINER B., SEFEROĞLU Z.
European Journal of Medicinal Chemistry, vol.244, 2022 (SCI-Expanded)
- XIV. **The synthesis, photophysical properties, DFT study and textile applications of fluorescent azo dyes bearing coumarin-thiazole**
YAMAN M., İpek Dirin E., Kaplan G., SEFEROĞLU N., SEFEROĞLU Z.
Journal of Molecular Liquids, vol.368, 2022 (SCI-Expanded)
- XV. **Novel push-pull organic dyes bearing Indan-2-one/Inden-1-ylidene and coumarin: Synthesis and photophysical properties**
Ozbek B. B., AKTAN E., SEFEROĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.432, 2022 (SCI-Expanded)
- XVI. **A Novel Fluorescent Probe for the Detection of Cyanide Ions in Solutions and Studies on Its Biophysical Interactions with ctDNA and Proteases**
Doyuran B., GÖKOĞLU E., Zouitini A., Keles E., TAŞKIN TOK T., SEFEROĞLU N., SEFEROĞLU Z.
JOURNAL OF FLUORESCENCE, vol.32, no.6, pp.2173-2188, 2022 (SCI-Expanded)
- XVII. **Novel urea-thiourea hybrids bearing 1,4-naphthoquinone moiety: Anti-inflammatory activity on mammalian macrophages by regulating intracellular PI3K pathway, and molecular docking study**
Efeoglu C., Yetkin D., NURAL Y., Ece A., SEFEROĞLU Z., AYAZ F.
JOURNAL OF MOLECULAR STRUCTURE, vol.1263, no.1, 2022 (SCI-Expanded)
- XVIII. **Development and application of non-conventional luminophores with aggregation based emission**
Wang H., AYDINER B., SEFEROĞLU Z., Bureš F., Liu J.
Dyes and Pigments, vol.205, 2022 (SCI-Expanded)
- XIX. **Synthesis of novel immunomodulatory 1,4-disubstituted bis-1,2,3-triazoles by using click chemistry and their intracellular mechanism of action**
NURAL Y., Acar I., Yetkin D., Efeoglu C., SEFEROĞLU Z., AYAZ F.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.69, 2022 (SCI-Expanded)
- XX. **Synthesis, characterization, molecular docking and in vitro screening of new metal complexes with coumarin Schiff base as anticholine esterase and antipancreatic cholesterol esterase agents**
ŞAHİN Ö., Özmen Özdemir Ü., SEFEROĞLU N., Adem Ş., SEFEROĞLU Z.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.10, pp.4460-4474, 2022 (SCI-Expanded)
- XXI. **Structural analysis and calf thymus DNA/HSA binding properties of new carbazole derivative containing piperazine**
GÖKOĞLU E., Kıpçak F., TAŞKIN TOK T., Duyar H., SEFEROĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.426, 2022 (SCI-Expanded)
- XXII. **Novel carbazole based hydrazone type light-up chemosensors**
Uzgören-Baran A., Keskin E., Çakmaz D., AYDINER B., ÖZER D., SEFEROĞLU N., SEFEROĞLU Z.
Journal of Molecular Structure, vol.1250, 2022 (SCI-Expanded)
- XXIII. **Novel fluorescent coumarin-thiazole based sensors for selective determination of cyanide in aqueous media**
Kandemir E., ÖZKÜTÜK M., AYDINER B., SEFEROĞLU N., ERER H., SEFEROĞLU Z.
Journal of Molecular Structure, vol.1249, 2022 (SCI-Expanded)
- XXIV. **Synthesis of novel acylthioureas bearing naphthoquinone moiety as dual sensor for high-**

performance naked-eye colorimetric and fluorescence detection of CN⁻ and F⁻ ions and its application in water and food samples

Nural Y., Karasu E., Keleş E., AYDINER B., SEFEROĞLU N., Efeoğlu Ç., ŞAHİN E., SEFEROĞLU Z.

Dyes and Pigments, vol.198, 2022 (SCI-Expanded)

- XXV. **Recent advances in the nonlinear optical (NLO) properties of phthalocyanines: A review**
Yahya M., NURAL Y., SEFEROĞLU Z.
DYES AND PIGMENTS, vol.198, 2022 (SCI-Expanded)
- XXVI. **A Review on the Design, Synthesis, and Structure-activity Relationships of Benzothiazole Derivatives against Hypoxic Tumors**
Kurt A. H., AYAZ L., AYAZ F., SEFEROĞLU Z., NURAL Y.
CURRENT ORGANIC SYNTHESIS, vol.19, no.7, pp.772-796, 2022 (SCI-Expanded)
- XXVII. **New bis- and tetrakis-1,2,3-triazole derivatives: Synthesis, DNA cleavage, molecular docking, antimicrobial, antioxidant activity and acid dissociation constants**
NURAL Y., ÖZDEMİR S., Yalçın M. S., DEMİR B., Atabey H., SEFEROĞLU Z., Ece A.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.55, 2022 (SCI-Expanded)
- XXVIII. **Synthesis and biological activity of pyrrolidine/piperidine substituted 3-amido-9-ethylcarbazole derivatives**
Sirin S., Duyar H., ASLIM B., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1242, 2021 (SCI-Expanded)
- XXIX. **Organic/metal-organic photosensitizers for dye-sensitized solar cells (DSSC): Recent developments, new trends, and future perceptions**
Yahya M., BOUZIANI A., Ocak C., Seferoglu Z., Sillanpaa M.
DYES AND PIGMENTS, vol.192, 2021 (SCI-Expanded)
- XXX. **Synthesis, Biological Evaluation, Molecular Docking, and Acid Dissociation Constant of New Bis-1,2,3-triazole Compounds**
Nural Y., Ozdemir S., Yalçın M. S., Demir B., Atabey H., Ece A., SEFEROĞLU Z.
ChemistrySelect, vol.6, no.28, pp.6994-7001, 2021 (SCI-Expanded)
- XXXI. **Synthesis, photophysical, thermal properties and X-Ray studies of novel organic dyes bearing Inden-1-ylidene and fluorene**
Yahya M., Çakmaz D., Achelle S., le Gall E., ŞAHİN E., SEFEROĞLU Z.
Journal of Photochemistry and Photobiology A: Chemistry, vol.416, 2021 (SCI-Expanded)
- XXXII. **Synthesis and investigation of photophysical, NLO and thermal properties of D-π-A-π-D dyes**
Özarслан A., Çakmaz D., Erol F., Şenöz H., Seferoğlu N., Barsella A., Seferoğlu Z.
Journal of Molecular Structure, vol.1229, 2021 (SCI-Expanded)
- XXXIII. **New naphthoquinone-imidazole hybrids: Synthesis, anion recognition properties, DFT studies and acid dissociation constants**
Nural Y., Keleş E., AYDINER B., SEFEROĞLU N., Atabey H., SEFEROĞLU Z.
Journal of Molecular Liquids, vol.327, 2021 (SCI-Expanded)
- XXXIV. **Fluorene/fluorenone carboxamide derivatives as selective light-up fluorophores for c-myc G-quadruplex**
Duyar H., Portakal H. S., Yalçın E., Kanat B., Doluca O., SEFEROĞLU Z.
Bioorganic and Medicinal Chemistry Letters, vol.36, 2021 (SCI-Expanded)
- XXXV. **Amino-substituted-1,1-dicyano-2,4-diaryl-1,3-butadiene chromophores: Synthesis and photophysical properties**
Yahya M., SEFEROĞLU N., Barsella A., Achelle S., SEFEROĞLU Z.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.248, 2021 (SCI-Expanded)
- XXXVI. **Synthesis of new morpholine containing 3-amido-9-ethylcarbazole derivative and studies on its biophysical interactions with calf thymus DNA/HSA**
Kıpcak F., TAŞKIN TOK T., Duyar H., SEFEROĞLU Z., GÖKOĞLU E.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.39, no.5, pp.1561-1571, 2021 (SCI-Expanded)
- XXXVII. **Synthesis, characterization, molecular docking and in vitro screening of new metal complexes with**

coumarin Schiff base as anticholine esterase and antipancreatic cholesterol esterase agents

Şahin Ö., Özdemir Özmen Ü., Seferoğlu N., Adem Ş., Seferoğlu Z.

Journal Of Biomolecular Structure & Dynamics, pp.1-15, 2021 (SCI-Expanded)

- XXXVIII. **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)
- XXXIX. **Synthesis, biological properties, and acid dissociation constant of novel naphthoquinone–triazole hybrids**
Nural Y., Ozdemir S., Doluca O., Demir B., Yalcin M. S., Atabey H., Kanat B., Erat S., Sari H., Seferoğlu Z.
Bioorganic Chemistry, vol.105, 2020 (SCI-Expanded)
- XL. **Indole based push-pull dyes bearing azo and dimethine: Synthesis, spectroscopic, NLO, anion affinity properties and thermal characterization**
Keles E., Yahya M., Aktan E., Aydiner B., Seferoğlu N., Barsella A., Seferoğlu Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.402, 2020 (SCI-Expanded)
- XLI. **A highly sensitive and selective fluorescent turn-on chemosensor bearing a 7-diethylaminocoumarin moiety for the detection of cyanide in organic and aqueous solutions**
AYDINER B., Sahin O., Cakmaz D., Kaplan G., Kaya K., ÖZDEMİR ÖZMEN Ü., SEFEROĞLU N., SEFEROĞLU Z.
NEW JOURNAL OF CHEMISTRY, vol.44, no.44, pp.19155-19165, 2020 (SCI-Expanded)
- XLII. **Experimental and theoretical studies on monoazo dye including diphenylamine and N - methyl diphenylamine derivatives**
Aksungur T., Erol F., Seferoğlu N., Seferoğlu Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1217, 2020 (SCI-Expanded)
- XLIII. **Styryl-based new organic chromophores bearing free amino and azomethine groups: synthesis, photophysical, NLO, and thermal properties**
Putra A. U., Cakmaz D., SEFEROĞLU N., Barsella A., SEFEROĞLU Z.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.16, pp.2282-2296, 2020 (SCI-Expanded)
- XLIV. **A new mechanism for selective recognition of cyanide in organic and aqueous solution**
Keles E., AYDINER B., NURAL Y., SEFEROĞLU N., ŞAHİN E., SEFEROĞLU Z.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, vol.2020, no.30, pp.4681-4692, 2020 (SCI-Expanded)
- XLV. **Meet Our Associate Editorial Board Member**
Seferoğlu Z.
Current Organic Synthesis, vol.17, no.8, pp.593, 2020 (SCI-Expanded)
- XLVI. **Microwave-enhanced and conventional procedures for the synthesis of coumarin-thiophene amides, sulfonamide, and urea derivatives: Synthesis, photophysical activities, and multiple anions signalling via different mechanisms**
Yahaya I., Keles E., Putra A. U., Yahya M., Seferoğlu N., Seferoğlu Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, 2020 (SCI-Expanded)
- XLVII. **Substituent dependent selectivity of fluorescent chemosensors derived from coumarin for biologically relevant DNA structures and anions**
Chemchem M., Yahaya I., AYDINER B., Doluca O., SEFEROĞLU N., SEFEROĞLU Z.
SENSORS AND ACTUATORS B-CHEMICAL, vol.305, 2020 (SCI-Expanded)
- XLVIII. **Novel highly functionalized 1,4-naphthoquinone 2-iminothiazole hybrids: Synthesis, photophysical properties, crystal structure, DFT studies, and anti(myco)bacterial/antifungal activity**
GEMİLİ M., NURAL Y., Keles E., AYDINER B., SEFEROĞLU N., ÜLGER M., ŞAHİN E., Erat S., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1196, pp.536-546, 2019 (SCI-Expanded)
- XLIX. **The synthesis of blue emitting 3-Amino-1-hetarylfluorenes and their unprecedented alkylated derivatives**
Yalcin E., Duyar H., Cakmaz D., ŞAHİN E., SEFEROĞLU Z.
TETRAHEDRON, vol.75, no.35, 2019 (SCI-Expanded)
- L. **Novel benzildihydrazone based Schiff bases: Syntheses, characterization, thermal properties, theoretical DFT calculations and biological activity studies**

- ELMACI G., Duyar H., AYDINER B., Yahaya I., SEFEROĞLU N., ŞAHİN E., Celik S. P., AÇIK L., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.271-280, 2019 (SCI-Expanded)
- L.I. **Improved one-pot synthetic conditions for synthesis of functionalized fluorescent coumarin-thiophene hybrids: Syntheses, DFT studies, photophysical and thermal properties**
Yahaya I., SEFEROĞLU N., SEFEROĞLU Z.
TETRAHEDRON, vol.75, no.14, pp.2143-2154, 2019 (SCI-Expanded)
- L.II. **Synthesis and chemical transformations of 3-acetyl-4-hydroxyquinolin-2(1H)-one and its N-substituted derivatives: bird's eye view**
Abdou M. M., SEFEROĞLU Z., Fathy M., Akitsu T., Koketsu M., Kellow R., Amigues E.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.45, no.3, pp.919-934, 2019 (SCI-Expanded)
- L.III. **Novel fluorescent coumarin-thiophene-derived Schiff bases: Synthesis, effects of substituents, photophysical properties, DFT calculations, and biological activities**
Yahaya I., Chemchem M., AYDINER B., SEFEROĞLU N., Tepe F. E., AÇIK L., Cerci N. A., TÜRK M., SEFEROĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.368, pp.296-306, 2019 (SCI-Expanded)
- L.IV. **Proton Sensitive Functional Organic Fluorescent Dyes Based on Coumarin-imidazo[1,2-a]pyrimidine; Syntheses, Photophysical Properties, and Investigation of Protonation Ability**
Aydiner B., Seferoğlu Z.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, vol.2018, pp.5921-5934, 2018 (SCI-Expanded)
- L.V. **A novel and synthetically facile coumarin-thiophene-derived Schiff base for selective fluorescent detection of cyanide anions in aqueous solution: Synthesis, anion interactions, theoretical study and DNA-binding properties**
Chemchem M., Yahaya I., AYDINER B., SEFEROĞLU N., Doluca O., Merabet N., SEFEROĞLU Z.
TETRAHEDRON, vol.74, no.48, pp.6897-6906, 2018 (SCI-Expanded)
- L.VI. **Novel 1,4-naphthoquinone N-arylthioureas: Syntheses, crystal structure, anion recognition properties, DFT studies and determination of acid dissociation constants**
GEMİLİ M., NURAL Y., Keles E., AYDINER B., SEFEROĞLU N., ŞAHİN E., SARI H., SEFEROĞLU Z.
JOURNAL OF MOLECULAR LIQUIDS, vol.269, pp.920-932, 2018 (SCI-Expanded)
- L.VII. **Triphenylamine-based allylidene malononitrile chromophores: synthesis, and photophysical and second-order nonlinear optical properties**
Catal E., Keles E., SEFEROĞLU N., Achelle S., Barsella A., le Guen F. R., SEFEROĞLU Z.
NEW JOURNAL OF CHEMISTRY, vol.42, no.18, pp.15052-15060, 2018 (SCI-Expanded)
- L.VIII. **A coumarin-pyrazolone based fluorescent probe for selective colorimetric and fluorimetric fluoride detection: Synthesis, spectroscopic properties and DFT calculations**
Babur B., SEFEROĞLU N., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1161, pp.218-225, 2018 (SCI-Expanded)
- L.IX. **The syntheses, molecular structure analyses and DFT studies on new benzil monohydrazone based Schiff bases**
ELMACI G., Duyar H., AYDINER B., SEFEROĞLU N., Naziri M. A., ŞAHİN E., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1162, pp.37-44, 2018 (SCI-Expanded)
- L.X. **Spectroscopic studies on the interactions of 5-ethyl-6-phenyl-3,8-bis((3-aminoalkyl)propanamido)phenanthridin-5-ium derivatives with G-quadruplex DNA**
Yalcin E., Duyar H., Ihmels H., Seferoglu Z.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.196, pp.432-438, 2018 (SCI-Expanded)
- L.XI. **A novel coumarin-pyrazole-triazine based fluorescence chemosensor for fluoride detection via deprotonation process: Experimental and theoretical studies**
Yalcin E., Alkis M., SEFEROĞLU N., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1155, pp.573-581, 2018 (SCI-Expanded)
- L.XII. **Novel fluorene/fluorenone DNA and RNA binders as efficient non-toxic ds-RNA selective fluorescent probes**
Yalcin E., Matkovic M., Jukic M., Obrovac L. G., Piantanida I., SEFEROĞLU Z.

TETRAHEDRON, vol.74, no.5, pp.535-543, 2018 (SCI-Expanded)

- LXIII. **Investigation of binding properties of two ethidium derivatives with serum albumins: spectral and computational approach**
AKBAY N., TAŞKIN TOK T., SEFEROĞLU Z., GÖKOĞLU E.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.36, no.12, pp.3114-3121, 2018 (SCI-Expanded)
- LXIV. **New platinum (II) and palladium (II) complexes of coumarin-thiazole Schiff base with a fluorescent chemosensor properties: Synthesis, spectroscopic characterization, X-ray structure determination, in vitro anticancer activity on various human carcinoma cell lines and computational studies**
Sahin O., ÖZDEMİR ÖZMEN Ü., SEFEROĞLU N., KARAGÖZ GENÇ Z., Kaya K., AYDINER B., TEKİN S., SEFEROĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.178, pp.428-439, 2018 (SCI-Expanded)
- LXV. **8-Hydroxyquinoline based push-pull azo dye: Novel colorimetric chemosensor for anion detection**
Arslan O., AYDINER B., Yalcin E., Babur B., SEFEROĞLU N., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1149, pp.499-509, 2017 (SCI-Expanded)
- LXVI. **Synthesis and investigation of various properties of a novel series of nonlinear optical (NLO) chromophores bearing dicyanovinyl (DCV) moiety**
SEFEROĞLU N., Bayrak Y., Yalcin E., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1149, pp.510-519, 2017 (SCI-Expanded)
- LXVII. **Coumarin-indole conjugate donor-acceptor system: Synthesis, photophysical properties, anion sensing ability, theoretical and biological activity studies of two coumarin-indole based push-pull dyes**
Aksungur T., AYDINER B., SEFEROĞLU N., ÖZKÜTÜK M., Arslan L., Reis Y., AÇIK L., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1147, pp.364-379, 2017 (SCI-Expanded)
- LXVIII. **Combined spectroscopic, XRD crystal structure and DFT studies on 2-(ethylthio)pyrimidine-4,6-diamine**
AKTAN E., Babur B., SEFEROĞLU N., ÇATIKKAŞ B., KAYNAK F. B., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1145, pp.152-159, 2017 (SCI-Expanded)
- LXIX. **H-bond stabilization of a tautomeric coumarin-pyrazole-pyridine triad generates a PET driven, reversible and reusable fluorescent chemosensor for anion detection**
Alkis M., Pekyilmaz D., Yalcin E., AYDINER B., DEDE Y., SEFEROĞLU Z.
DYES AND PIGMENTS, vol.141, pp.493-500, 2017 (SCI-Expanded)
- LXX. **Investigation of binding properties of dicationic styrylimidazo[1,2-a]pyridinium dyes to human serum albumin by spectroscopic techniques**
Ozdemir A., GÖKOĞLU E., Yilmaz E., Yalcin E., Gokoglu E., SEFEROĞLU Z., Tekinay T.
LUMINESCENCE, vol.32, no.1, pp.86-92, 2017 (SCI-Expanded)
- LXXI. **Efficient one-pot three-component method for the synthesis of highly fluorescent coumarin-containing 3,5-disubstituted-2,6-dicyanoaniline derivatives under microwave irradiation**
AYDINER B., Yalcin E., Korkmaz V., SEFEROĞLU Z.
SYNTHETIC COMMUNICATIONS, vol.47, no.23, pp.2174-2188, 2017 (SCI-Expanded)
- LXXII. **Recent Synthetic Methods for the Preparation of Charged and Uncharged Styryl-based NLO Chromophores: A Review**
SEFEROĞLU Z.
ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, vol.49, no.4, pp.293-337, 2017 (SCI-Expanded)
- LXXIII. **Advancements in tetronic acid chemistry. Part 2: Use as a simple precursor to privileged heterocyclic motifs**
Abdou M. M., El-Saeed R. A., Elattar K. M., SEFEROĞLU Z., Boukouvalas J.
MOLECULAR DIVERSITY, vol.20, no.4, pp.989-999, 2016 (SCI-Expanded)
- LXXIV. **A highly selective and sensitive chemosensor derived coumarin-thiazole for colorimetric and fluorimetric detection of CN⁻ ion in DMSO and aqueous solution: synthesis, sensing ability, Pd(II)/Pt(II) complexes and theoretical studies**
Sahin O., ÖZDEMİR ÖZMEN Ü., SEFEROĞLU N., AYDINER B., SARI M., TUNÇ T., SEFEROĞLU Z.
TETRAHEDRON, vol.72, no.39, pp.5843-5852, 2016 (SCI-Expanded)

- LXXV. **A novel fluorescence turn-on coumarin-pyrazolone based monomethine probe for biothiol detection**
Babur B., SEFEROĞLU N., Ocal M., Sonugur G., AKBULUT H., SEFEROĞLU Z.
TETRAHEDRON, vol.72, no.30, pp.4498-4502, 2016 (SCI-Expanded)
- LXXVI. **Electrochemical characterization of azo dye (E)-1-(4-((4-(phenylamino)phenyl)diazanyl)phenyl)ethanone (DPA)**
Surucu O., ABACI S., SEFEROĞLU Z.
ELECTROCHIMICA ACTA, vol.195, pp.175-183, 2016 (SCI-Expanded)
- LXXVII. **Synthesis, spectroscopic, thermal and electrochemical studies on thiazolyl azo based disperse dyes bearing coumarin**
ÖZKÜTÜK M., Ipek E., AYDINER B., Mamas S., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1108, pp.521-532, 2016 (SCI-Expanded)
- LXXVIII. **A fluorescent coumarin-thiophene hybrid as a ratiometric chemosensor for anions: Synthesis, photophysics, anion sensing and orbital interactions**
Yanar U., Babur B., Pekyilmaz D., Yahaya I., AYDINER B., DEDE Y., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1108, pp.269-277, 2016 (SCI-Expanded)
- LXXIX. **Studies of the binding interactions of dicationic styrylimidazo[1,2-a] pyridinium dyes with duplex and quadruplex DNA**
SEFEROĞLU Z., Mahmoud M. M. A., Ihmels H.
DYES AND PIGMENTS, vol.125, pp.241-248, 2016 (SCI-Expanded)
- LXXX. **Synthesis, molecular structure and computational study of (Z)-2-((E)-4-nitrobenzylidene)hydrazon-1,2-diphenylethan-1-one**
ELMACI G., AKTAN E., SEFEROĞLU N., HÖKELEK T., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1099, pp.83-91, 2015 (SCI-Expanded)
- LXXXI. **Photophysical and theoretical studies on newly synthesized N,N-diphenylamine based azo dye**
Aksungur T., Arslan O., SEFEROĞLU N., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1099, pp.543-550, 2015 (SCI-Expanded)
- LXXXII. **Arylstyrylimidazo[1,2-a]pyridine-based donor-acceptor acidochromic fluorophores: Synthesis, photophysical, thermal and biological properties**
AYDINER B., Yalcin E., Ihmels H., Arslan L., AÇIK L., SEFEROĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.310, pp.113-121, 2015 (SCI-Expanded)
- LXXXIII. **Styryl-based NLO chromophores: synthesis, spectroscopic properties, and theoretical calculations**
Yalcin E., Achelle S., Bayrak Y., SEFEROĞLU N., Barsella A., SEFEROĞLU Z.
TETRAHEDRON LETTERS, vol.56, no.20, pp.2586-2589, 2015 (SCI-Expanded)
- LXXXIV. **A ratiometric fluorescence chemosensor based on a coumarin-pyrazolone hybrid: the synthesis and an investigation of the photophysical, tautomeric and anion binding properties by spectroscopic techniques and DFT calculations**
Babur B., SEFEROĞLU N., SEFEROĞLU Z.
TETRAHEDRON LETTERS, vol.56, no.17, pp.2149-2154, 2015 (SCI-Expanded)
- LXXXV. **Synthesis and photophysical properties of fluorescent arylstyrylimidazo[1,2-a]pyridine-based donor-acceptor chromophores**
SEFEROĞLU Z., Ihmels H., ŞAHİN E.
DYES AND PIGMENTS, vol.113, pp.465-473, 2015 (SCI-Expanded)
- LXXXVI. **Phenylazoindole dyes 3: Determination of azo-hydrazone tautomers of new phenylazoindole dyes in solution and solid state**
Babur B., SEFEROĞLU N., AKTAN E., HÖKELEK T., ŞAHİN E., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1081, pp.175-181, 2015 (SCI-Expanded)
- LXXXVII. **2,6-Dicyanoaniline based donor-acceptor compounds: the facile synthesis of fluorescent 3,5-diaryl/hetaryl-2,6-dicyanoanilines**
Yalcin E., Kutlu Y. C., Korkmaz V., ŞAHİN E., SEFEROĞLU Z.
ARKIVOC, pp.202-218, 2015 (SCI-Expanded)
- LXXXVIII. **Studies on the interactions of 3,6-diaminoacridine derivatives with human serum albumin by**

fluorescence spectroscopy

GÖKOĞLU E., Kipcak F., SEFEROĞLU Z.

LUMINESCENCE, vol.29, no.7, pp.872-877, 2014 (SCI-Expanded)

- LXXXIX. **Azo-8-hydroxyquinoline dyes: The synthesis, characterizations and determination of tautomeric properties of some new phenyl- and heteroarylazo-8-hydroxyquinolines**
Saylam A., SEFEROĞLU Z., Ertan N.
JOURNAL OF MOLECULAR LIQUIDS, vol.195, pp.267-276, 2014 (SCI-Expanded)
- XC. **Phenylazoindole dyes 2: The molecular structure characterizations of new phenylazo indoles derived from 1,2-dimethylindole**
Babur B., SEFEROĞLU N., AKTAN E., HÖKELEK T., ŞAHİN E., SEFEROĞLU Z.
DYES AND PIGMENTS, vol.103, pp.62-70, 2014 (SCI-Expanded)
- XCII. **Hetarylazoindoles 2. Spectroscopic and structural investigation of new benzothiazolylazo indole dyes**
SEFEROĞLU Z., KAYNAK F. B., Ertan N., ÖZBEY S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1047, pp.22-30, 2013 (SCI-Expanded)
- XCIII. **Phenylazoindole dyes - Part I: The syntheses, characterizations, crystal structures, quantum chemical calculations and antimicrobial properties**
SEFEROĞLU Z., Yalçin E., Babur B., SEFEROĞLU N., HÖKELEK T., Yilmaz E., ŞAHİN E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.113, pp.314-324, 2013 (SCI-Expanded)
- XCIV. **DFT, FT-Raman, FTIR, NMR, and UV-Vis studies of a hetarylazo indole dye**
ÇATIKKAŞ B., AKTAN E., SEFEROĞLU Z.
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, vol.113, no.5, pp.683-689, 2013 (SCI-Expanded)
- XCV. **The synthesis, characterisation and molecular structure of a new hetarylazoindole dye studied by X-ray diffraction, spectral analysis and density functional theory calculation**
AKTAN E., SEFEROĞLU Z., HÖKELEK T., ŞAHİN E.
COLORATION TECHNOLOGY, vol.128, no.5, pp.371-377, 2012 (SCI-Expanded)
- XCVI. **Synthesis and structure of a novel hetarylazoindole dye studied by X-ray diffraction, FT-IR, FT-Raman, UV-vis, NMR spectra and DFT calculations**
AKTAN E., Babur B., SEFEROĞLU Z., HÖKELEK T., Sahin E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1002, pp.113-120, 2011 (SCI-Expanded)
- XCVII. **Synthesis, spectroscopic properties, and antimicrobial activity of some new 5-phenylazo-6-aminouracil-vanadyl complexes**
Gaballa A. S., Tebe S. M., Asker M. S., Yalçin E., SEFEROĞLU Z.
JOURNAL OF COORDINATION CHEMISTRY, vol.64, no.24, pp.4225-4243, 2011 (SCI-Expanded)
- XCVIII. **3-Phenyldiazenyl-1,2-dimethyl-1H-indole**
HÖKELEK T., Bicer N. T., SEFEROĞLU Z., ŞAHİN E.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.66, 2010 (SCI-Expanded)
- XCIX. **Interactions of two ethidium derivatives with calf thymus DNA and serum albumins using fluorescence quenching method**
Akbay N., Seferoglu Z., Goekoglu E.
Current Analytical Chemistry, vol.6, no.4, pp.334-340, 2010 (SCI-Expanded)
- C. **Fluorescence Interaction and Determination of Calf Thymus DNA with Two Ethidium Derivatives**
Akbay N., SEFEROĞLU Z., Gök E.
JOURNAL OF FLUORESCENCE, vol.19, no.6, pp.1045-1051, 2009 (SCI-Expanded)
- CI. **5,6-Diphenylpyrazine-2,3-dicarbonitrile**
HÖKELEK T., Yalçin E., SEFEROĞLU Z., ŞAHİN E.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (SCI-Expanded)
- CI. **Single crystal X-ray structure analysis for two thiazolylazo indole dyes**
SEFEROĞLU Z., Ertan N., KICKELBICK G., HÖKELEK T.
DYES AND PIGMENTS, vol.82, no.1, pp.20-25, 2009 (SCI-Expanded)

- CII. **Spectral characterisation and computational studies of some novel phenylazoindol-2-one dyes**
SEFEROĞLU Z., AKTAN E., Ertan N.
COLORATION TECHNOLOGY, vol.125, no.6, pp.342-351, 2009 (SCI-Expanded)
- CIII. **A study on tautomeric equilibria of new hetarylazo-6-aminouracils**
Seferoglu Z.
ARKIVOC, pp.42-57, 2009 (SCI-Expanded)
- CIV. **Synthesis and crystal structures of two hetarylazo indole disperse dyes**
SEFEROĞLU Z., Tokay N., HÖKELEK T., ŞAHİN E.
STRUCTURAL CHEMISTRY, vol.19, no.4, pp.559-564, 2008 (SCI-Expanded)
- CV. **Hetarylazoindoles 1. Synthesis, characterization, and spectroscopic properties of new hetarylazoindole dyes**
SEFEROĞLU Z., Ertan N.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.183, no.5, pp.1236-1251, 2008 (SCI-Expanded)
- CVI. **Synthesis of new hetarylazoindole dyes from some 2-aminothiazole derivatives**
Saylam A., Seferoglu Z., Ertan N.
Russian Journal of Organic Chemistry, vol.44, no.4, pp.587-594, 2008 (SCI-Expanded)
- CVII. **Synthesis, characterization and spectroscopic properties of some new phenylazo-6-aminouracil**
SEFEROĞLU Z., Ertan N.
CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, vol.6, no.1, pp.81-88, 2008 (SCI-Expanded)
- CVIII. **Synthesis, spectral characterisation and antimicrobial activity of new disazo dyes derived from heterocyclic coupling components**
SEFEROĞLU Z., Ertan N., Yilmaz E., Uraz G.
COLORATION TECHNOLOGY, vol.124, no.1, pp.27-35, 2008 (SCI-Expanded)
- CIX. **Synthesis and spectroscopic properties of new hetarylazo 8-hydroxyquinolines from some heterocyclic amines**
Saylam A., Seferoglu Z., Ertan N.
Dyes and Pigments, vol.76, no.2, pp.470-476, 2008 (SCI-Expanded)
- CX. **Quantum chemical studies on the structures of some heterocyclic azo disperse dyes**
Tokay N., SEFEROĞLU Z., Oegretir C., Ertan N.
ARKIVOC, pp.9-20, 2008 (SCI-Expanded)
- CXI. **Structural analysis of 5-[thiazol-2-ylidiazonyl]pyrimidine-2,4,6(1H,3H,5H)-trione in both solid state and solution**
SEFEROĞLU Z., HÖKELEK T., ŞAHİN E.
COLORATION TECHNOLOGY, vol.124, no.2, pp.111-116, 2008 (SCI-Expanded)
- CXII. **The synthesis, spectroscopic properties and crystal structure of novel, bis-hetarylazo disperse dyes**
SEFEROĞLU Z., Ertan N., HÖKELEK T., ŞAHİN E.
DYES AND PIGMENTS, vol.77, no.3, pp.614-625, 2008 (SCI-Expanded)
- CXIII. **1,2-Dimethyl-3-[(5-methylsulfanyl-1,3,4-thiadiazol-2-yl)diazonyl]-1H-indole**
Hoekel T., Seferoglu Z., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.5, 2007 (SCI-Expanded)
- CXIV. **3-[(5-Ethyl-1,3,4-thiadiazol-2-yl)diazonyl]-1,2-dimethyl-1H-indole**
Hoekel T., Seferoglu Z., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.5, 2007 (SCI-Expanded)
- CXV. **X-ray crystal structure analysis and determination of azo-enamine and hydrazone-imine tautomers of two hetarylazo indole dyes**
Oezbey S., Karayel A., Kavak G., Seferoglu Z., Ertan N.
Coloration Technology, vol.123, no.6, pp.358-364, 2007 (SCI-Expanded)
- CXVI. **Synthesis of some novel bis(Hetaryl)azo disperse dyes and investigation of their absorption spectra**
Seferoglu Z., Ertan N.
Heteroatom Chemistry, vol.18, no.6, pp.622-630, 2007 (SCI-Expanded)

- CXVII. **Synthesis and spectral properties of new hetarylazo indole dyes**
Seferoglu Z., Ertan N.
Russian Journal of Organic Chemistry, vol.43, no.7, pp.1035-1041, 2007 (SCI-Expanded)
- CXVIII. **1-Methyl-3-(5-methylthiazol-2-yl diazenyl)-2-phenyl-1H-indole**
Hoekelek T., Seferoglu Z., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.7, 2007 (SCI-Expanded)
- CXIX. **3-[5,6-Dimethyl-1,3-benzothiazol-2-yl] diazenyl]-1-methyl-2-phenyl-1H-indole**
Hoekelek T., Seferoglu Z., Sahin E.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.7, 2007 (SCI-Expanded)
- CXX. **3-(6-Methoxybenzothiazol-2-yl diazenyl)-1-methyl-2-phenyl-1H-indole**
Hoekelek T., Seferoglu Z., Sahin E., KAYNAK F. B.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.6, 2007 (SCI-Expanded)
- CXXI. **1-Methyl-2-phenyl-1H-indole**
Hoekelek T., Seferoglu Z., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.4, 2007 (SCI-Expanded)
- CXXII. **5-[(5-Methyl-thia-zol-2-yl) diazen-yl]pyrimidine-2,4,6(1H,3H,5H)-trione**
Hoekelek T., Seferoglu Z., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.3, 2007 (SCI-Expanded)
- CXXIII. **6-Amino-1,3-dimethyl-5-(4-methylthiazol-2-yl diazenyl)uracil**
Seferoglu Z., Hoekelek T., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.2, 2007 (SCI-Expanded)
- CXXIV. **3-(5-ethyl-1,3,4-thiadiazol-2-yl diazenyl)-1-methyl-2-phenyl-1H-indole**
Seferoglu Z., Hoekelek T., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.2, 2007 (SCI-Expanded)
- CXXV. **1-methyl-2-phenyl-3-(1,3,4-thiadiazol-2-yl diazenyl)-1H-indole**
Seferoglu Z., Hoekelek T., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.1, 2007 (SCI-Expanded)
- CXXVI. **1,2-Dimethyl-3-(thiazol-2-yl diazenyl)-1H-indole**
Seferoglu Z., Hoekelek T., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.63, no.1, 2007 (SCI-Expanded)
- CXXVII. **Ethyl 2-{2-[(1-methyl-2-phenyl-1H-indol-3-yl) diazenyl]thiazol-4-yl}acetate**
Seferoglu Z., Hoekelek T., Sahin E., Saylam A., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.62, no.12, 2006 (SCI-Expanded)
- CXXVIII. **1,3-Dimethyl-5-(thiazol-2-yl diazenyl)pyrimidine-2,4,6(1H,3H,5H)-trione**
Seferoglu Z., Hoekelek T., Sahin E., Celik M. E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.62, no.12, 2006 (SCI-Expanded)
- CXXIX. **5-(4-Ethoxyphenyldiazenyl)-8-hydroxyquinoline**
Seferoglu Z., Hoekelek T., Sahin E., Saylam A., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.62, no.9, 2006 (SCI-Expanded)
- CXXX. **Ethyl [2-(2-phenyl-1H-indol-3-yl diazenyl)-1,3-thiazol-4-yl]acetate**
Seferoglu Z., Hoekelek T., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.62, no.9, 2006 (SCI-Expanded)
- CXXXI. **N-{4-[(2-Phenyl-1H-indol-3-yl) diazenyl]phenyl}-acetamide**
Seferoglu Z., Hoekelek T., Sahin E., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.62, no.8, 2006 (SCI-Expanded)
- CXXXII. **2-amino-5-(p-nitrophenylsulfonyl)-1,3-thiazole**
Seferoglu Z., Hoekelek T., Sahin E., Nuralin F.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- CXXXIII. **3-(4-chloro-phenyl-diazen-yl)-1-methyl-2-phenyl-1H-indole**
Seferoglu Z., Hoekelek T., Sahin E., Ertan N.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)

- CXXXIV. **2-Amino-4-(4-methoxyphenyl)-1,3-thiazole**
Hokelek T., Seferoglu Z., Ertan N.
Acta Crystallographica Section E: Structure Reports Online, vol.62, no.4, 2006 (SCI-Expanded)
- CXXXV. **Crystal structure of 1-benzoyloxy-1,2,3,4-tetrahydrocarbazole**
Hokelek T., Patir S., Seferoglu Z.
ANALYTICAL SCIENCES, vol.16, no.12, pp.1367-1368, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Molecular Structure Analysis and Spectroscopic Properties of Monoazo Disperse Dye From N,N-Dimethylaniline**
Arslan O., Yalcin E., SEFEROĞLU N., Yaman M., SEFEROĞLU Z.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.1, pp.175-189, 2017 (ESCI)

Books & Book Chapters

- I. **Optical Chemosensors: Principles, Chemistry, Strategies, and Applications**
Seferoğlu Z., Yaman M., Yahya M.
in: Fluorescence Imaging - Recent Advances and Applications, Dr. Raffaello Papadakis, Editor, intechopen, Zagreb, pp.1-14, 2023
- II. **Temel Organik Kimya**
Seferoğlu Z., Yıldırım Y. (Editor)
Bilim Yayınevi, Ankara, 2020
- III. **Fluorescence Dyes for Determination of Cyanide**
yahaya i., SEFEROĞLU Z.
in: Photochemistry and Photophysics Fundamentals to Applications, Issah Yahaya, Zeynel Seferoğlu, Editor, In tech Open, Zagreb, pp.179-196, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Structural and theoretical studies of novel hydrazone dyes with triazin and indolinon moieties**
TAŞ Z. G., AKTAN E., SEFEROĞLU Z.
4th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 24 November 2021
- II. **Experimental and theoretical studies of novel hydrazone dyes**
TAŞ Z. G., AKTAN E., SEFEROĞLU Z.
4th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 24 November 2021
- III. **"SYNTHESIS AND INVESTIGATION OF ANION SENSITIVITY PROPERTIES OF TWO D- π -A- π -D TYPE DYES BEARING INDOLE**
Eroğlu A. B., Özarslan A., Çakmaz D., Aydinler B., Seferoğlu N., Şenöz H., Seferoğlu Z.
İstanbul International Organic Electronic Symposium, İstanbul, Turkey, 2 - 04 December 2019
- IV. **A Novel Series Of Indole-Based Colorimetric Chemosensors**
Çakmaz D., Keleş E., YAHYA M., PUTRA A. U., SEFEROĞLU Z., AKTAN E., SEFEROĞLU N.
10th EurAsian Meeting on Heterocyclic Chemistry, Milano Matittima-Cervia, Ravenna, Italy, 15 - 19 September 2019
- V. **Coumarin-thiophene Based Emissive Materials for Sensing Anions and Biothiols**
AYDINER B., SEFEROĞLU Z.
3rd International Caparica Conference on Chromogenic and Emissive Materials, Lisbon, Portugal, 3 - 06 September 2018
- VI. **CHEMICAL And BIOLOGICAL STUDIES of COUMARIN-THIAZOLE BASED BIOACTIVE MOLECULES**

ÖZDEMİR ÖZMEN Ü., ŞAMLI H., Şahin Ö., Vatansever B., SEFEROĞLU Z.

1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018

VII. **SYNTHESIS AND INVESTIGATION OF IN VITRO ANTICANCER EFFECTS OF NOVEL COUMARIN-THIAZOLE DERIVATIVES**

ŞAMLI H., ÖZDEMİR ÖZMEN Ü., Vatansever B., Şahin Ö., Bakan E., SEFEROĞLU Z.

1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018

VIII. **Yeni Bir Kumarin Tiyazol Bileşiği 'xx'xx3,5-ditersiyerbütilsalisilaldehitkumarintiyazol'xx'xx ile Bu Bileşiğin Palladyum(II) ve Platin(II) Komplekslerinin Prostat ve Meme Kanseri Hücreleri Üzerindeki Sitotoksik Aktivitelerinin Araştırılması,**

Vatansever B., ÖZDEMİR ÖZMEN Ü., ŞAMLI H., Bakan E., Şahin Ö., SEFEROĞLU Z.

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ŞAMLI H., ÖZDEMİR ÖZMEN Ü., Vatansever B., Şahin Ö., Şahin G., SEFEROĞLU Z.

XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Fethiye, Turkey, 26 - 29 October 2017

X. **Yeni Bir Kumarin Tiyazol Bileşiği '3,5-ditersiyerbütilsalisilaldehitkumarintiyazol' ile Bu Bileşiğin Palladyum(II) ve Platin(II) Komplekslerinin Prostat ve Meme Kanseri Hücreleri Üzerindeki Sitotoksik Aktivitelerinin Araştırılması**

Vatansever B., ÖZDEMİR ÖZMEN Ü., ŞAMLI H., Bakan E., Şahin Ö., SEFEROĞLU Z.

Meme Kanseri Hücreleri Üzerindeki Sitotoksik Aktivitelerinin Araştırılması'xx'xx. XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017

XI. **Kumarin Türevi Yeni Bileşiklerin Olası Anti-Kanser Aktivitelerinin İncelenmesi'xx**

ŞAMLI H., ÖZDEMİR ÖZMEN Ü., Vatansever B., Şahin G., Şahin ö., SEFEROĞLU Z.

XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 26 - 29 October 2017

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29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, pp.1

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29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, pp.1

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29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017

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29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017

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canpolat t., babür b., SEFEROĞLU N., SEFEROĞLU Z.

29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017

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Duyar H., Çakmaz D., Yalçın E., Seferoğlu Z.

29. ulusal kimya kongresi, Ankara, Turkey, 10 - 14 September 2017

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26th ISHC Congress, 3 - 08 September 2017
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AYDINER B., gülşen e., yahaya i., SEFEROĞLU Z.
3rd International Turkish Congress on Molecular Spectroscopy, 26 - 29 August 2017
- XXI. **Coumarin-indole conjugate donor-acceptor system: Synthesis and biological activity studies of two coumarin-indole based push-pull dyes**
Seferoğlu Z., Reis Y., Seferoğlu N., Ozkutuka M., Aydiner B., Aksungur T., Arslan L., Açık L.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- XXII. **MOLECULAR STRUCTURE ANALYSES AND DFT STUDIES ON NEW BENZILMONOHYDRAZONE BASED SCHIFF BASES**
ŞAHİN E., ELMACI G., duyar h., AYDINER B., TUNÇ T., SEFEROĞLU N., SEFEROĞLU Z.
1th INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING SCIENCES, Thailand, 3 - 05 July 2017, pp.32
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ŞAHİN E., ELMACI G., duyar h., AYDINER B., SEFEROĞLU N., SEFEROĞLU Z.
1th INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING SCIENCES, 3 - 05 July 2017
- XXIV. **A New Chemosensor For Use in Detecting Anion Pollutants**
ÖZDEMİR ÖZMEN Ü., Bakan E., Şahin Ö., SEFEROĞLU Z.
ECOLOGY 2017 INTERNATIONAL SYMPOSIUM, 11 - 13 May 2017
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ÖZDEMİR ÖZMEN Ü., ŞAMLI H., Şahin G., Şahin Ö., Vatansever B., SEFEROĞLU Z.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
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ŞAMLI H., ÖZDEMİR ÖZMEN Ü., Bakan E., Şahin Ö., Buse V., SEFEROĞLU Z.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XXVII. **New Selective Ion Receptor To Be Used In Environmental, Food And Water Processes**
ÖZDEMİR ÖZMEN Ü., Şahin Ö., SEFEROĞLU Z.
ECOLOGY 2017 INTERNATIONAL SYMPOSIUM, 11 - 13 May 2017
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Toprakçioğlu G., ARSLAN Ö., SEFEROĞLU N., SEFEROĞLU Z.
29.Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2016
- XXIX. **Detection of Anion Pollutants in Water with New Schiff Base Chemosensor**
ÖZDEMİR ÖZMEN Ü., Şahin ö., AYDINER B., SEFEROĞLU Z.
1ST INTERNATIONAL BLACK SEA CONGRESS ON ENVIRONMENTAL SCIENCES (IBCESS), 31 August - 01 September 2016
- XXX. **Detection of Cyanide Anion Pollutants with New Cumarine based Chemosensor**
ÖZDEMİR ÖZMEN Ü., Şahin ö., bakan e., AYDINER B., SEFEROĞLU Z.
1ST INTERNATIONAL BLACK SEA CONGRESS ON ENVIRONMENTAL SCIENCES (IBCESS), 31 August - 01 September 2016
- XXXI. **A highly selective coumarin thiazole based schiff base chemosensor for fast detection CN ion in aqueous solution Synthesis Molecular Characterization Pd II Pt II Complexes**
ÖZDEMİR ÖZMEN Ü., Şahin Ö., AYDINER B., SEFEROĞLU Z.
All in One Conference, 2nd International Conference on New Trends in Chemistry, Zagreb, Croatia, 19 - 22 April 2016

- XXXII. **Coumarin thiazole derived fluorescent chemosensor and its Pd II Pt II complexes**
ÖZDEMİR ÖZMEN Ü., şahin g., şahin ö., AYDINER B., SEFEROĞLU Z.
All in One Conference, 2nd International Conference on New Trends in Chemistry, 19 - 22 April 2016
- XXXIII. **Coumarin-thiazole based schiff base for anion and cation detection:A Combined Experimental and Theoretical (DFT)**
şahin Ö., AYDINER B., SEFEROĞLU N., ÖZDEMİR ÖZMEN Ü., SEFEROĞLU Z.
Mediterranean Colloquium on Heterocyclic Chemisty,11-15 November Antalya, 11 - 15 November 2015
- XXXIV. **Synthesis and photophysical properties of 2 3 coumarinyl imidazo 1 2 a pyrimidine derivatives**
Aydiner B., Seferoğlu Z.
Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, Antalya, Turkey, 11 - 15 November 2015, pp.159
- XXXV. **Investigation of NLO and photophysical properties of new styryl based dyes bearing strong donor acceptor groups**
Bayrak Y., YALÇIN E., SEFEROĞLU N., SEFEROĞLU Z.
Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, 11 - 15 November 2015
- XXXVI. **Coumarin thiazole based schiff base for anion and cation detection ACombined Experimental and Theoretical DFT Study**
şahin ö., AYDINER B., SEFEROĞLU N., ÖZDEMİR ÖZMEN Ü., SEFEROĞLU Z.
Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, 11 - 15 November 2015
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27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.148
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27.Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.148
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ÖZDEMİR ÖZMEN Ü., şahin Ö., KARAGÖZ GENÇ Z., AYDINER B., SEFEROĞLU Z., TEKİN S.
ISOPS 11th International Symposium on Pharmaceutical Sciences Ankara Üniversitesi, Ankara, 9 - 12 June 2015
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11th International SYMPOSIUM ON PHARMACEUTICAL SCIENCES, 9 - 12 June 2015
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ÖZDEMİR ÖZMEN Ü., ŞAHİN Ö., KARAGÖZ GENÇ Z., AYDINER B., SEFEROĞLU Z.
11th International SYMPOSIUM ON PHARMACEUTICAL SCIENCES, 9 - 12 June 2015
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V. Ulusal Anorganik Kimya Kongresi Mersin, Turkey, 22 - 25 April 2015
- XLIV. **Kumarin Florofor Grubunu İçeren Bir Seri Yeni Pirazolon Bileşiğinin Sentezi ve Tautomerik Davranışlarının Deneysel ve Teorik Yöntemlerle Belirlenmesi”**
Babür B., Seferoğlu N., Seferoğlu Z.
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014, pp.1
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Elmacı G., Aktan E., Seferođlu N., Hökelek T., Şahin E., Seferođlu Z.

III. ULUSAL ANORGANİK KİMYA KONGRESİ, Çanakkale, Turkey, 19 - 22 May 2011, pp.1

XLVI. Antimicrobial activity of some heterylazoindole dyes

Seferođlu Z., Ertan N., Yılmaz E., Uraz G.

International Conference on Environment: Survival and Sustainability, Girne, Cyprus (Kkct), 19 - 24 February 2007, pp.534-0

XLVII. 6-Amino-1,3-Dimetilurasilden Bazı Azo Bileşiklerinin Sentezi, Absorpsiyon Spektrumları ve Boyama Özelliklerinin incelenmesi

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III.ULUSAL TEKSTİL BOYA VE KİMYASALLARI KONGRESİ, Tekirdađ, Turkey, 7 - 08 December 2006, pp.25

XLVIII. Synthesis and antimicrobial activity of two heterylazoindole dyes

Seferođlu Z., Yılmaz E., Öncül Ö., Uraz G., Ertan N.

International Symposium on Medicinal Chemistry Reseach and Development, Aydın, Turkey, 28 September - 01 October 2005, pp.30

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H-Index (Scopus): 26