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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Ege Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 1991 - 1996

Yüksek Lisans, Ege Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 1989 - 1991

Lisans, Ege Üniversitesi, Eczacılık Fakültesi, Türkiye 1984 - 1988

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Antineoplastik bileşikler olarak tasarlanan Mannich bazları ve izosterik piperidinol türevleri üzerinde araştırmalar, Ege Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 1996

Yüksek Lisans, Antineoplastik bileşikler olarak tasarlanan Stiril ketonlar ve onların amino türevleri üzerinde araştırmalar, Ege Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 1991

Araştırma Alanları

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Kimya

Akademik Unvanlar / Görevler

Prof. Dr., Atatürk Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2008 - Devam Ediyor

Akademik İdari Deneyim

Bölüm Başkanı, Atatürk Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2004 - 2019

Atatürk Üniversitesi, 2008 - 2013

Verdiği Dersler

Araştırma Projesi II, Lisans, 2022 - 2023
Farmasötik Kimya IV, Lisans, 2022 - 2023
Farmasötik Kimya I, Lisans, 2023 - 2024
Literatür Araştırma ve İnceleme , Lisans, 2023 - 2024
İlaç Tasarımı I, Doktora, 2022 - 2023
İleri Organik Kimya I, Doktora, 2023 - 2024
Danışmanlık, Doktora, 2023 - 2024, 2022 - 2023
Tıbbi Kimya I, Doktora, 2022 - 2023
Farmasötik Kimya III, Lisans, 2023 - 2024
Eczacılık Alanında Çeviriler, Lisans, 2023 - 2024
İlaç Tasarımı II, Doktora, 2022 - 2023
Organik Spektroskopik Analiz, Doktora, 2023 - 2024
Farmasötik Kimya II, Lisans, 2022 - 2023
İlaç ve Laboratuvar Bilgisine Giriş, Lisans, 2023 - 2024
Farmasötik Kimya Lab III, Lisans, 2022 - 2023
Farmasötik Kimya Lab I, Lisans, 2022 - 2023
Farmasötik Kimya Lab IV, Lisans, 2021 - 2022
Uzmanlık Alan Dersi VIII, Doktora, 2022 - 2023
Farmasötik Kimya Lab II, Lisans, 2021 - 2022
Uzmanlık Alan Dersi I, Doktora, 2022 - 2023
Mezuniyet Projesi I, Lisans, 2022 - 2023
Mesleki Latince, Lisans, 2018 - 2019

Yönetilen Tezler

Gül H. İ., Sülfonamid artığı taşıyan yeni pirazol türevlerinin sentezi ve sitotoksik etkilerinin araştırılması, Doktora, D.ÖZMEN(Öğrenci), 2021
GÜL H. İ., Pirazol-Benzensülfonamid Türevi Bileşiklerin Tasarımı, Sentezi, Kimyasal Yapılarının Aydınlatılması Ve Biyoaktiviteleri, Doktora, C.YAMALI(Öğrenci), 2018
GÜL H. İ., İndanon Ve İndandionlardan Türevlenen Potansiyel Biyoaktif Bileşiklerin Sentezi Ve Biyoaktiviteleri, Doktora, M.TUĞRAK(Öğrenci), 2016
GÜL H. İ., 4-[5-(2,4/3,4-dimetoksifenil)-3-sübstitüefenil]-4,5-dihidro-1h-pirazol-1-il] benzensülfonamid türevlerinin sentezi ve sitotoksik aktivitelerinin incelenmesi, Yüksek Lisans, D.ÖZMEN(Öğrenci), 2016
GÜL H. İ., 5-Metil-2-İzopropilfenol'ün Mannich Bazlarının Sentezi Ve Sitotoksik Aktivitelerinin İncelenmesi, Yüksek Lisans, A.TUĞÇE(Öğrenci), 2016
GÜL H. İ., 1-Aril-3-Dibenzilamino-Propan-1-On Hidroklorür Tipi Mannich Bazları Üzerinde Çalışmalar, Yüksek Lisans, A.TÜRÜT(Öğrenci), 2013
GÜL H. İ., 1-[3,5-Bis (Aminometil)-4-Hidroksi-Fenil]-3-(Aril) - 2-Propen-1-On' Ların Sentezi, Sitotoksitesisi, Selektivite İndekslerinin Araştırılması, Yüksek Lisans, F.YEŞİLYURT(Öğrenci), 2013
GÜL H. İ., 1-Aril-3-Fenetilamino-1-Propanon Hidroklorür Tipi Mono Mannich Bazlarının Konvansiyonel Yöntem Ve Mikrodalga Yöntemi İle Sentezi Ve Sentezlenen Bileşikler Üzerinde Stabilitate Çalışmaları, Yüksek Lisans, S.PEKCAN(Öğrenci), 2013
GÜL H. İ., Potansiyel Biyoaktif Bileşikler Olan 2-(4-Hidroksifenil)Benzimidazol Mannich Bazları Üzerinde Çalışmalar, Yüksek Lisans, Z.YAZICI(Öğrenci), 2013
GÜL H. İ., 1-Aril-3-(2-Hidroksietiltiyo)-1-Propanonların Sentezi Ve Sitotoksite Selektivite İndeksinin Ve Olası Etki Mekanizmasını Araştırılması, Yüksek Lisans, E.ÜNLÜER(Öğrenci), 2012
GÜL H. İ., 1-Aril-2-(N-Metilpiperazinometil)-2-Propen-1-On Kimyasal Yapısına Sahip Bileşiklerin Klasik Mannich Reaksiyonu İle Sentezi Ve Biyolojik Aktivitesinin Araştırılması, Yüksek Lisans, M.TUĞRAK(Öğrenci), 2011
GÜL H. İ., Potansiyel Biyoaktif Moleküller Olan 1-Aril-3-Benzilamino-1-Propanon Hidroklorürlerin Sentezlenmesi, Yüksek

Lisans, E.KARABİBER(Öğrenci), 2011

GÜL H. İ., Heterosiklik Şalkon Anologlarının Mannich Bazlarının Sentezi Ve Biyolojik Aktivitesinin Değerlendirilmesi, Doktora, S.BİLGİNER(Öğrenci), 2011

GÜL H. İ., 1-Aril-3-Amino-1-Propanon Hidroklorür Tipi Mono Mannich Bazlarının Konvansiyonel Yöntem Ve Mikrodalga Yöntemi İle Sentezi Ve Sentezlenen Bileşikler Üzerinde Stabilité Çalışmaları, Yüksek Lisans, E.TUTAR(Öğrenci), 2011

GÜL H. İ., 1-Aril-3-Morfolino-1-Propanon Hidroklorür Kimyasal Yapısına Sahip Bileşiklerin Mikrodalga Ve Konvansiyonel Yöntem İle Sentezi, Yüksek Lisans, G.UÇAR(Öğrenci), 2011

GÜL H. İ., 1-Aril-3-Piperidino-1-Propanon Hidroklorür Kimyasal Yapısına Sahip Bileşiklerin Mikrodalga Ve Konvansiyonel Yöntem İle Sentezi, Yüksek Lisans, A.DEMİRTAŞ(Öğrenci), 2011

GÜL H. İ., 1-Aril-2-(4-Metilpiperazino)Metil-2-Propen-1-On Dihidroklörür Kimyasal Yapısına Sahip Mannich Bazlarının Mikrodalga Yöntemi İle Sentezi Ve Antifungal Aktivitesinin Araştırılması, Yüksek Lisans, M.KOCA(Öğrenci), 2011

GÜL H. İ., 1-Aril-2-Morfolinometil-2-Propen-1-On Yapısındaki Bileşiklerin Sentezi Ve Antifungal Etkilerinin Araştırılması, Yüksek Lisans, S.Emre(Öğrenci), 2010

GÜL H. İ., 3-Aril-1-(4-Hidroksifenil)-2-Propen-1-On Ve 1,5-Diaril-Penta-1,4-Dien-3-On Türevi Bileşiklerin Ve Onların Aminometil Türevlerinin Sentezi Ve Sitotoksik Aktivitelerinin Değerlendirilmesi, Doktora, K.Özden(Öğrenci), 2009

GÜL H. İ., N,N'-Bis(3-Amino-1-Aril-Propiliden)Hidrazin Dihidroklörür Tipi Bazı Bileşiklerin Sentezi Ve Sitotoksik Aktivitesinin Değerlendirilmesi, Doktora, K.KÜÇÜKOĞLU(Öğrenci), 2009

GÜL H. İ., 1-Aril-3-Fenilamino-1-Propanon Hidroklorür Ve 4-Aril-3-Aroil-1-Fenil-4-Piperidinol Kimyasal Yapısına Sahip Bileşiklerin Sentezi Ve Antifungal Etkilerinin Araştırılması, Yüksek Lisans, C.Özelgöl(Öğrenci), 2008

GÜL H. İ., Şalkonların Ve Onların Mannich Bazlarının Sentezi Ve Onların Antikonvülzan, Sitotoksik Ve Antimikrobiyal Etkilerinin Araştırılması, Yüksek Lisans, K.Özden(Öğrenci), 2005

Jüri Üyelikleri

Tez Savunma (Doktora), Tez Savunma (Doktora), Ege Üniversitesi, Aralık, 2022

Tez Savunma (Doktora), Tez Savunma (Doktora), Ege Üniversitesi, Eylül, 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Toxicological Effects of Synthesized Pyrazoline Derivative 4-(3-(4-Bromophenyl))5-(3,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) Benzenesulfonamide, Compound B8 on Antioxidant Enzymes and Hematological Parameters of Rainbow Trout Alevins (*Oncorhynchus mykiss*)**
Ozgun D. O., Maslat A. O., Abu Khadra K. M., YANIK T., ALAK G., UÇAR A., GÜL H. İ., KOCAMAN E. M., PARLAK V., Almuhr R., et al.
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, cilt.35, sa.5, 2024 (SCI-Expanded)
- II. **Current Pharmaceutical Research on the Significant Pharmacophore Mannich bases in Drug Design**
Yamalı C., Gül M., Gül H. İ.
CURRENT TOPICS IN MEDICINAL CHEMISTRY, cilt.23, sa.27, ss.2590-2608, 2023 (SCI-Expanded)
- III. **Higher number of microplastics in tumoral colon tissues from patients with colorectal adenocarcinoma**
Çetin M., Demirkaya Miloğlu F., Kılıç Baygutalp N., Ceylan O., Yıldırım S., Eser G., Gül H. İ.
ENVIRONMENTAL CHEMISTRY LETTERS, cilt.21, sa.2, ss.639-646, 2023 (SCI-Expanded)
- IV. **Effects of a Novel Benzenesulfonamide 4-(3-(4-Bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) on Antioxidant Enzymes and Hematological Parameters of Rainbow Trout (*Oncorhynchus mykiss*)**
Ozgun D. O., ALAK G., UÇAR A., Bilginer S., GÜL H. İ., Kocaman M., Yamalı C., PARLAK V., ATAMANALP M., Maslat A., et al.
PAKISTAN JOURNAL OF ZOOLOGY, cilt.53, sa.6, ss.2083-2089, 2021 (SCI-Expanded)

- V. **Monoamine Oxidase (MAO) as a Potential Target for Anticancer Drug Design and Development.**
Aljanabi R., Alsous L., Sabbah D. A., Gul H. İ., Gul M., Bardaweel S. K.
Molecules (Basel, Switzerland), cilt.26, sa.19, 2021 (SCI-Expanded)
- VI. **Comprehensive study on potent and selective carbonic anhydrase inhibitors: Synthesis, bioactivities and molecular modelling studies of 4-(3-(2-arylidenehydrazine-1-carbonyl)-5-(thiophen-2-yl)-1H-pyrazole-1-yl) benzenesulfonamides**
YAMALI C., Sakagami H., Uesawa Y., Kurosaki K., Satoh K., Masuda Y., Yokose S., Ece A., Bua S., Angeli A., et al.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.217, 2021 (SCI-Expanded)
- VII. **Synthesis and in vitro carbonic anhydrases and acetylcholinesterase inhibitory activities of novel imidazolinone-based benzenesulfonamides**
TUĞRAK M., GÜL H. İ., Demir Y., LEVENT S., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.354, sa.4, 2021 (SCI-Expanded)
- VIII. **Effects of a Novel Benzenesulfonamide 4-(3-(4-Bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) on Antioxidant Enzymes and Hematological Parameters of Rainbow Trout (Oncorhynchus mykiss)**
Özmen Özgün D., Alak G., Uçar A., Bilginer S., Gül H. İ., Kocaman E. M., Yamalı C., Parlak V., Atamanalp M., Maslat A., et al.
Pakistan Journal Of Zoology, cilt.53, sa.6, ss.2083-2089, 2021 (SCI-Expanded)
- IX. **New Chalcone Derivatives with Pyrazole and Sulfonamide Pharmacophores as Carbonic Anhydrase Inhibitors**
TUĞRAK M., GÜL H. İ., Akincioglu H., GÜLÇİN İ.
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.18, sa.2, ss.191-198, 2021 (SCI-Expanded)
- X. **Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE, BuChE) and monoamine oxidases (MAO-A, MAO-B)**
YAMALI C., Engin F. S., BİLGİNER S., TUĞRAK M., Ozmen Ozgun D., ÖZLİ G., LEVENT S., SAĞLIK B. N., ÖZKAY Y., GÜL H. İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.58, sa.1, ss.161-171, 2021 (SCI-Expanded)
- XI. **Biological activities of a newly synthesized pyrazoline derivative 4-(3-(4-bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) benzenesulfonamide (B4) compound on rainbow trout alevins, Oncorhynchus mykiss**
Uçar A., Ozgun D. O., Alak G., Gül H. İ., Kocaman E. M., PARLAK V., ATAMANALP M., Maslat A., Almuhr R., Yamali C., et al.
IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMAL, cilt.57, sa.1, ss.17-20, 2021 (SCI-Expanded)
- XII. **Synthesis and biological evaluation of new pyrazolebenzene-sulphonamides as potential anticancer agents and hCA I and II inhibitors**
TUĞRAK M., GÜL H. İ., Sakagami H., Kaya R., GÜLÇİN İ.
TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.3, ss.528-562, 2021 (SCI-Expanded)
- XIII. **Docking Studies and Antiproliferative Activities of 6-(3-aryl-2-propenoyl)-2(3H)-benzoxazolone Derivatives as Novel Inhibitors of Phosphatidylinositol 3-Kinase (PI3K alpha)**
BİLGİNER S., Bardaweel S. K., Sabbah D. A., GÜL H. İ.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.21, sa.6, ss.716-724, 2021 (SCI-Expanded)
- XIV. **Evaluation of Cytotoxic Properties of N,N'-bis[(1-aryl-3-heteroaryl)propylidene]-hydrazine dihydrochlorides**
Küçükoğlu K., Gül H. İ., Sakagami H.
PHARMACEUTICAL CHEMISTRY JOURNAL, cilt.54, sa.8, ss.784-787, 2020 (SCI-Expanded)
- XV. **An experimental work on radiation protection features of some bioactive compounds of Mannich bases**
YILMAZ D., KAVAZ E., GÜL H. İ.
Radiation Physics and Chemistry, cilt.176, 2020 (SCI-Expanded)
- XVI. **Synthesis, cytotoxic, and carbonic anhydrase inhibitory effects of new 2-(3-(4-methoxyphenyl)-5-(aryl)-4,5-dihydro-1H-pyrazol-1-yl)benzo[d]thiazole derivatives**

- TUĞRAK M., GÜL H. İ., Sakagami H., GÜLÇİN İ.
Journal of Heterocyclic Chemistry, cilt.57, sa.7, ss.2762-2768, 2020 (SCI-Expanded)
- XVII. **New halogenated chalcones with cytotoxic and carbonic anhydrase inhibitory properties: 6-(3-Halogenated phenyl-2-propen-1-oyl)-2(3H)-benzoxazolones**
BİLGİNER S., GÜL H. İ., Erdal F. S., Sakagami H., GÜLÇİN İ.
Archiv der Pharmazie, cilt.353, sa.6, 2020 (SCI-Expanded)
- XVIII. **Deciphering binding mechanism between bovine serum albumin and new pyrazoline compound K4.**
Bozkurt E., Gül H. İ.
Luminescence : the journal of biological and chemical luminescence, cilt.35, ss.534-541, 2020 (SCI-Expanded)
- XIX. **Synthesis, structure elucidation, and in vitro pharmacological evaluation of novel polyfluoro substituted pyrazoline type sulfonamides as multi-target agents for inhibition of acetylcholinesterase and carbonic anhydrase I and II enzymes**
YAMALI C., GÜL H. İ., KAZAZ C., Levent S., GÜLÇİN İ.
Bioorganic Chemistry, cilt.96, 2020 (SCI-Expanded)
- XX. **Selective fluorometric "Turn-off" sensing for Hg²⁺ with pyrazoline compound and its application in real water sample analysis**
BOZKURT E., GÜL H. İ.
Inorganica Chimica Acta, cilt.502, 2020 (SCI-Expanded)
- XXI. **Novel sulphonamides incorporating triazene moieties show powerful carbonic anhydrase I and II inhibitory properties**
Bilginer S., Gonder B., Gül H. İ., Kaya R., Gülçin İ., Anıl B., Supuran C. T.
Journal of Enzyme Inhibition and Medicinal Chemistry, cilt.35, sa.1, ss.325-329, 2020 (SCI-Expanded)
- XXII. **Synthesis and bioactivities of 1-(4-hydroxyphenyl)-2-((heteroaryl)thio)ethanones as carbonic anhydrase I, II and acetylcholinesterase inhibitors**
Yamali C., GÜL H. İ., Demir Y., KAZAZ C., GÜLÇİN İ.
TURKISH JOURNAL OF CHEMISTRY, cilt.44, sa.4, ss.1058-1067, 2020 (SCI-Expanded)
- XXIII. **Synthesis and pharmacological effects of novel benzenesulfonamides carrying benzamide moiety as carbonic anhydrase and acetylcholinesterase inhibitors**
Tuğrak M., Gül H. İ., Anıl B., Gülçin İ.
TURKISH JOURNAL OF CHEMISTRY, cilt.44, sa.6, ss.1601-1628, 2020 (SCI-Expanded)
- XXIV. **Determination and comparison of the urinary iodine levels of premature infants with and without retinopathy of prematurity**
Çinici E., Gülaboğlu M., Çetin M., Kahveci H., Duysak L., Kutlu Z., Gül H. İ.
TRACE ELEMENTS AND ELECTROLYTES, cilt.37, sa.4, ss.194-199, 2020 (SCI-Expanded)
- XXV. **Aminoalkylated Phenolic Chalcones: Investigation of Biological Effects on Acetylcholinesterase and Carbonic Anhydrase I and II as Potential Lead Enzyme Inhibitors**
Yamali C., GÜL H. İ., Çakır T., Demir Y., GÜLÇİN İ.
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.17, sa.10, ss.1283-1292, 2020 (SCI-Expanded)
- XXVI. **Synthesis, cytotoxicities, and carbonic anhydrase inhibition potential of 6-(3-aryl-2-propenoyl)-2(3H)-benzoxazolones.**
Bilginer S., Gul H. İ., Erdal F., Sakagami H., Levent S., Gulcin I., Supuran C.
Journal of enzyme inhibition and medicinal chemistry, cilt.34, ss.1722-1729, 2019 (SCI-Expanded)
- XXVII. **Synthesis, biological evaluation and in silico modelling studies of 1,3,5-trisubstituted pyrazoles carrying benzenesulfonamide as potential anticancer agents and selective cancer-associated hCA IX isoenzyme inhibitors**
YAMALI C., GÜL H. İ., Ece A., BUA S., ANGELİ A., SAKAGAMI H., ŞAHİN E., Supuran C. T.
BIOORGANIC CHEMISTRY, cilt.92, 2019 (SCI-Expanded)
- XXVIII. **Fluorescence quenching of novel pyrazoline derivative with aniline in different solvents**
BOZKURT E., GÜL H. İ.
Journal of Photochemistry and Photobiology A: Chemistry, cilt.383, 2019 (SCI-Expanded)
- XXIX. **Synthesis and biological evaluation of some new mono Mannich bases with piperazines as possible**

anticancer agents and carbonic anhydrase inhibitors

TUĞRAK M., GÜL H. İ., BANDOW K., Sakagami H., GÜLÇİN İ., Ozkay Y., Supuran C. T.
BIOORGANIC CHEMISTRY, cilt.90, 2019 (SCI-Expanded)

- XXX. **New phenolic Mannich bases with piperazines and their bioactivities**
GÜL H. İ., TUĞRAK M., GÜL M., MAZLUMOĞLU S., Sakagami H., GÜLÇİN İ., Supuran C. T.
BIOORGANIC CHEMISTRY, cilt.90, 2019 (SCI-Expanded)
- XXXI. **Investigation of inhibitory properties of some hydrazone compounds on hCA I, hCA II and AChE enzymes**
Kucukoglu K., GÜL H. İ., TASLIMI P., GÜLÇİN İ., Supuran C. T.
BIOORGANIC CHEMISTRY, cilt.86, ss.316-321, 2019 (SCI-Expanded)
- XXXII. **Synthesis and bioactivities of pyrazoline benzenesulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity**
Ozgun D. O., GÜL H. İ., YAMALI C., Sakagami H., GÜLÇİN İ., Sukuroglu M., Supuran C. T.
BIOORGANIC CHEMISTRY, cilt.84, ss.511-517, 2019 (SCI-Expanded)
- XXXIII. **Pyrazoline derived new "off-on-off" fluorescent pH sensors**
BOZKURT E., GÜL H. İ., Ozgun D. O.
OPTICAL MATERIALS, cilt.84, ss.550-555, 2018 (SCI-Expanded)
- XXXIV. **Anticancer effects of new dibenzenesulfonamides by inducing apoptosis and autophagy pathways and their carbonic anhydrase inhibitory effects on hCA I, hCA II, hCA IX, hCA XII isoenzymes.**
GUL H. İ., YAMALI C., BULBULLER M., KIRMIZIBAYRAK P., Gul M., ANGELI A., BUA S., SUPURAN C.
Bioorganic chemistry, cilt.78, ss.290-297, 2018 (SCI-Expanded)
- XXXV. **Curcumin analogue 1,5-bis(4-hydroxy-3-((4-methylpiperazin-1-yl)methyl)phenyl)penta-1,4-dien-3-one mediates growth arrest and apoptosis by targeting the PI3K/AKT/mTOR and PKC-theta signaling pathways in human breast carcinoma cells.**
Badr G., GUL H. İ., YAMALI C., MOHAMED A., BADR B., Gul M., Abo M., Abo E.
Bioorganic chemistry, cilt.78, ss.46-57, 2018 (SCI-Expanded)
- XXXVI. **New anticancer drug candidates sulfonamides as selective hCA IX or hCA XII inhibitors**
GÜL H. İ., YAMALI C., Sakagami H., ANGELİ A., LEİTANS J., KAZAKS A., TARS K., Ozgun D. O., SUPURAN C. T.
BIOORGANIC CHEMISTRY, cilt.77, ss.411-419, 2018 (SCI-Expanded)
- XXXVII. **Synthesis, molecular modeling, and biological evaluation of 4-[5-aryl-3-(thiophen-2-yl)-4,5-dihydro-1H-pyrazol-1-yl] benzenesulfonamides toward acetylcholinesterase, carbonic anhydrase I and II enzymes**
YAMALI C., GÜL H. İ., Ece A., TASLIMI P., GÜLÇİN İ.
CHEMICAL BIOLOGY & DRUG DESIGN, cilt.91, sa.4, ss.854-866, 2018 (SCI-Expanded)
- XXXVIII. **A novel pyrazoline-based fluorometric "turn-off" sensing for Hg²⁺**
BOZKURT E., GÜL H. İ.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.255, ss.814-825, 2018 (SCI-Expanded)
- XXXIX. **Solvent and substituent effect on the photophysical properties of pyrazoline derivatives: A spectroscopic study**
BOZKURT E., GÜL H. İ., METE E.
Journal Of Photochemistry And Photobiology A-Chemistry, cilt.352, ss.35-42, 2018 (SCI-Expanded)
- XL. **Cytotoxicities of novel hydrazone compounds with pyrrolidinemoiety: inhibition of mitochondrial respiration may be a possible mechanism of action for the cytotoxicity of new hydrazones**
Küçükoğlu K., Gül H. İ., Gül M., Çetin Atalay R., Geny B.
Medicinal Chemistry Research, cilt.27, ss.2116-2124, 2018 (SCI-Expanded)
- XLI. **Cytotoxicity, apoptosis, and QSAR studies of phenothiazine derived methoxylated chalcones as anticancer drug candidates**
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