

Prof.Dr. İlhami GÜLÇİN

Kişisel Bilgiler

İş Telefonu: [+90 442 231 4375](tel:+904422314375) Dahili: 4375

Fax Telefonu: [+90 442 231 4109](tel:+904422314109)

Web: <https://avesis.atauni.edu.tr/igulcin>

Posta Adresi: Atatürk Üniversitesi, Fen Fakültesi, Kimya Bölümü, 25240-Erzurum

Uluslararası Araştırmacı ID'leri

ScholarID: 96-3Bu8AAAAJ

ORCID: 0000-0001-5993-1668

Publons / Web Of Science ResearcherID: F-1428-2014

ScopusID: 35509141500

Yoksis Araştırmacı ID: 119165

Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/Biyokimya, Türkiye 1997 - 2002

Yüksek Lisans, Gaziosman Paşa Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/Organik Kimya, Türkiye 1994 - 1996

Lisans, Van Yüzüncü Yıl Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 1989 - 1993

Araştırma Alanları

Kimya, Biyokimya, Enzim Kinetiği, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2012 - Devam Ediyor

Doç.Dr., Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2006 - 2012

Öğretim Görevlisi Dr., Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2002 - 2006

Araştırma Görevlisi Dr., Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2002 - 2002

Araştırma Görevlisi, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 1997 - 2002

Akademik İdari Deneyim

Anabilim Dalı Başkanı, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2024 - Devam Ediyor

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2020 - 2021

Verdiği Dersler

Kimya ve Laboratuvar Uygulamaları, Lisans, 2023 - 2024

Biyokimya, Lisans, 2022 - 2023

ENZİM KİNETİĞİ, Yüksek Lisans, 2022 - 2023

KARBOHİDRAT METABOLİZMASI, Doktora, 2022 - 2023

ENZİM KİNETİĞİ, Yüksek Lisans, 2023 - 2024, 2022 - 2023
Enzim Kimyası, Lisans, 2022 - 2023
KARBOHİDRAT METABOLİZMASI, Doktora, 2023 - 2024
Biyokimya, Lisans, 2022 - 2023
Uzmanlık Alan Dersi VII, Doktora, 2021 - 2022
Uzmanlık Alan Dersi II, Doktora, 2020 - 2021
Danışmanlık, Yüksek Lisans, 2020 - 2021
Biyokimya I, Lisans, 2021 - 2022
Uzmanlık Alan Dersi VIII, Doktora, 2020 - 2021
NÜKLEOTİD VE NÜKLEİK ASİT METABOLİZMASI, Doktora, 2020 - 2021
Uzmanlık Alan Dersi (Yabancı Uyruklu) IV, Yüksek Lisans, 2021 - 2022
Danışmanlık, Doktora, 2020 - 2021
Uzmanlık Alan Dersi VI, Doktora, 2020 - 2021
Danışmanlık, Doktora, 2020 - 2021
Danışmanlık, Yüksek Lisans, 2021 - 2022
Uzmanlık Alan Dersi VIII, Doktora, 2021 - 2022
Danışmanlık, Doktora, 2021 - 2022
Uzmanlık Alan Dersi II, Yüksek Lisans, 2021 - 2022
Danışmanlık, Yüksek Lisans, 2021 - 2022
VİTAMİN VE HORMONLARIN BİYOKİMYASAL ETKİ MEKANİZMALARI, Yüksek Lisans, 2020 - 2021
Biyokimya, Lisans, 2021 - 2022
Danışmanlık, Yüksek Lisans, 2020 - 2021
Uzmanlık Alan Dersi VII, Doktora, 2020 - 2021
Uzmanlık Alan Dersi (Yabancı Uyruklu) II, Yüksek Lisans, 2020 - 2021
Uzmanlık Alan Dersi IV, Yüksek Lisans, 2020 - 2021
Danışmanlık, Doktora, 2020 - 2021
Uzmanlık Alan Dersi I, Doktora, 2019 - 2020
Uzmanlık Alan Dersi (Yabancı Uyruklu) IV, Yüksek Lisans, 2020 - 2021
Uzmanlık Alan Dersi VIII, Doktora, 2020 - 2021
Danışmanlık, Doktora, 2020 - 2021
Uzmanlık Alan Dersi IV, Yüksek Lisans, 2019 - 2020
Uzmanlık Alan Dersi (Yabancı Uyruklu) IV, Yüksek Lisans, 2019 - 2020
Uzmanlık Alan Dersi IV, Yüksek Lisans, 2019 - 2020
Uzmanlık Alan Dersi III, Yüksek Lisans, 2020 - 2021
Uzmanlık Alan Dersi II, Yüksek Lisans, 2019 - 2020
Uzmanlık Alan Dersi VII, Doktora, 2020 - 2021
Enzyme Kinetics, Yüksek Lisans, 2020 - 2021
Uzmanlık Alan Dersi VIII, Doktora, 2019 - 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Synthesis, characterization, crystal structure, molecular docking, and biological studies of Cu, Ni and Co metal complexes of pyrazole**
Mahmudov I., Ibrahimova B., Taslimi P., Sadeghian N., Karaoğlu Z., Taskin-Tok T., Abdullayev Y., Farzaliyev V., Sujayev A., Alwasel S. H., et al.
Journal of Molecular Structure, cilt.1309, 2024 (SCI-Expanded)
- II. **Synthesis, characterization, and computational study of novel carvacrol-based 2-aminothiol and sulfonic acid derivatives as metabolic enzyme inhibitors**
Bytyqi-Damoni A., Uc E. M., BORA R. E., Bilgili H. G., ALAGÖZ M. A., Zengin M., GÜLÇİN İ.
Journal of Molecular Structure, cilt.1303, 2024 (SCI-Expanded)

- III. **Structure-based inhibition of acetylcholinesterase and butyrylcholinesterase with 2-Aryl-6-carboxamide benzoxazole derivatives: synthesis, enzymatic assay, and *in silico* studies**
Kuzu B., Alagoz M. A., DEMİR Y., GÜLÇİN İ., BURMAOĞLU S., ALGÜL Ö.
MOLECULAR DIVERSITY, 2024 (SCI-Expanded)
- IV. ***Alchemilla pseudocartalinica* Juz: Phytochemical Screening by UPLC-MS/MS, Molecular Docking, Anti-oxidant, Anti-diabetic, Anti-glaucoma, and Anti-Alzheimer Effects**
Gueven L., Ertuerk A., YILMAZ M. A., Alwasel S., Guelcin I.
RECORDS OF NATURAL PRODUCTS, cilt.18, ss.251-272, 2024 (SCI-Expanded)
- V. **Exploring *Astrodaucus orientalis* (L.) Drude: Phytochemical Analysis and its Biological Potential Against Alzheimer's and Diabetes**
YUCA H., AYDIN B., KARAKAYA S., Goger G., Bingol Z., Civas A., KOCA M., DEMİRCİ B., Sytar O., GÜLÇİN İ., et al.
CHEMISTRY & BIODIVERSITY, cilt.21, sa.2, 2024 (SCI-Expanded)
- VI. **Design, synthesis, and evaluation of novel bistrifluoromethyl-based hydrazones as dual inhibitors of acetylcholinesterase and carbonic anhydrase enzymes for Alzheimer's disease**
DİNCEL E. D., Basoglu-Unal F., Kuran E. D., Kayra T., Aydin N., Kanber E., GÜLÇİN İ., Ulusoy-Guzeldemirci N.
CHEMICAL BIOLOGY & DRUG DESIGN, cilt.103, sa.2, 2024 (SCI-Expanded)
- VII. **Comprehensive metabolic profiling of *Thymus canoviridis* (endemic) and *Thymus pubescens* var. *pubescens* using UPLC-MS/MS and evaluation of their antioxidant activities, enzyme inhibition abilities, and molecular docking studies**
Güven L., Can H., Ertürk A., Miloğlu F., Koca M., İnce F., Gülçin İ.
South African Journal of Botany, cilt.165, ss.478-493, 2024 (SCI-Expanded)
- VIII. **New palladium complexes with N-heterocyclic carbene and morpholine ligands: Synthesis, characterization, crystal structure, molecular docking, and biological activities**
Behçet A., Taslimi P., ŞEN YÜKSEL B., Taskın-Tok T., AKTAŞ A., GÖK Y., AYĞÜN M., GÜLÇİN İ.
Journal of Biochemical and Molecular Toxicology, cilt.38, sa.1, 2024 (SCI-Expanded)
- IX. **Synthesis and in vitro carbonic anhydrase and acetylcholinesterase inhibitory activities of novel hydrazide-hydrazone compounds containing 1,2,4-triazole ring**
DİNCEL E. D., Kuran E. D., Onarer B., Fıstıkçı Y., GÜLÇİN İ., Ulusoy-Güzeldemirci N.
Phosphorus, Sulfur and Silicon and the Related Elements, 2024 (SCI-Expanded)
- X. **Novel hydrazones derived from anthranilic acid as potent cholinesterases and α -glycosidase inhibitors: Synthesis, characterization, and biological effects**
Tokalı F. S., Taslimi P., Taskin-Tok T., Karakuş A., Sadeghian N., GÜLÇİN İ.
Journal of Biochemical and Molecular Toxicology, cilt.38, sa.1, 2024 (SCI-Expanded)
- XI. **Novel benzene sulfonamides with acetylcholinesterase and carbonic anhydrase inhibitory actions**
El Ati R., Öztaşkın N., Çağan A., Akıncioğlu A., Demir Y., Göksu S., Touzani R., Gülçin İ.
Archiv der Pharmazie, 2024 (SCI-Expanded)
- XII. **Assessment of Anticholinergic and Antidiabetic Properties of Some Natural and Synthetic Molecules: An In Vitro and In Silico Approach**
Çomaklı V., Aygül İ., Sağlamtaş R., Kuzu M., Demirdağ R., Akıncioğlu H., Adem Ş., GÜLÇİN İ.
Current Computer-Aided Drug Design, cilt.20, sa.5, ss.441-451, 2024 (SCI-Expanded)
- XIII. **Functionally substituted derivatives of novel thiourea and phenylthiourea as potent aldose reductase, α -amylase, and α -glycosidase inhibitors: in vitro and in silico studies**
Sujayev A., Sadeghian N., Taslimi P., Kılınç N., Akkuş M., Özçelik B., Farzaliyev V., Alwasel S. H., GÜLÇİN İ.
Macromolecular Research, 2024 (SCI-Expanded)
- XIV. **Phenolic Compounds of *Phlomis tuberosa* by LC-MS/MS-Determination of Antioxidant Activity, Molecular Docking, and Enzyme Inhibition Profiles**
GÜVEN L., ERTÜRK A., KOCA M., GÜLÇİN İ.
ChemistrySelect, cilt.8, sa.48, 2023 (SCI-Expanded)
- XV. **The synthesis, carbonic anhydrase and acetylcholinesterase inhibition effects of sulfonyl chloride moiety containing oxazolidinones using an intramolecular aza-Michael addition**
Yıldırım A., Atmaca U., Şahin E., Taslimi P., Taskin-Tok T., Çelik M., Gülçin İ.

Journal of Biomolecular Structure and Dynamics, sa.12, ss.2207-2213, 2023 (SCI-Expanded)

- XVI. **Benzimidazolium Salts Bearing Nitrile Moieties: Synthesis, Enzyme Inhibition Profiling, and Molecular Docking Analysis for Carbonic Anhydrase and Acetylcholinesterase**
Öner E., GÖK Y., Demir Y., Taskin-Tok T., AKTAŞ A., GÜLÇİN İ., Yalın S.
Chemistry and Biodiversity, cilt.20, sa.12, 2023 (SCI-Expanded)
- XVII. **Acetylphenyl-substituted imidazolium salts: synthesis, characterization, in silico studies and inhibitory properties against some metabolic enzymes**
Demirci Ö., TEZCAN B., Demir Y., Taskin-Tok T., GÖK Y., AKTAŞ A., GÜZEL B., GÜLÇİN İ.
Molecular Diversity, cilt.27, sa.6, ss.2767-2787, 2023 (SCI-Expanded)
- XVIII. **Synthesis, characterization, biochemical, and molecular modeling studies of carvacrol-based new thiosemicarbazide and 1,3,4-thiadiazole derivatives**
Alagöz T., Çalışkan F. G., Bilgiçli H. G., Zengin M., Sadeghi M., Taslimi P., GÜLÇİN İ.
Archiv der Pharmazie, cilt.356, sa.12, 2023 (SCI-Expanded)
- XIX. **Evaluation of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and α -Glycosidase Inhibition Effects and Antioxidant Activity of Baicalin Hydrate**
DURMAZ L., KARAGEÇİLİ H., GÜLÇİN İ.
LIFE-BASEL, sa.11, 2023 (SCI-Expanded)
- XX. **In Vitro and in Silico Studies of 3-Hydroxyflavone-Based Sulfonate Esters: Potent Acetylcholinesterase, Carbonic Anhydrase and α -Glycosidase Inhibitors**
Guney M., Aggul A. G., Ertürk A., Gülçin İ.
ChemistrySelect, cilt.8, sa.40, 2023 (SCI-Expanded)
- XXI. **Comprehensive Phytochemical Content by LC/MS/MS and Anticholinergic, Antiglaucoma, Antiepilepsy, and Antioxidant Activity of Apilarnil (Drone Larvae)**
Inci H., İzol E., Yılmaz M. A., İlkaya M., Bingöl Z., GÜLÇİN İ.
Chemistry and Biodiversity, cilt.20, sa.10, 2023 (SCI-Expanded)
- XXII. **Potential antioxidant, anticholinergic, antidiabetic and antiglaucoma activities and molecular docking of spiraeoside as a secondary metabolite of onion (*Allium cepa*)**
DURMAZ L., Kızıldağ H., Karagücü H., Alwasel S., GÜLÇİN İ.
Saudi Pharmaceutical Journal, cilt.31, sa.10, 2023 (SCI-Expanded)
- XXIII. **Synthesis of new carboxylates and sulfonates containing thiazolidin-4-one ring and evaluation of inhibitory properties against some metabolic enzymes**
Tokalı F. S., Taslimi P., TÜZÜN B., Karakuş A., Sadeghian N., GÜLÇİN İ.
Journal of the Iranian Chemical Society, cilt.20, sa.10, ss.2631-2642, 2023 (SCI-Expanded)
- XXIV. **Phytochemical content and enzyme inhibitory effect of Heptaptera triquetra (Vent.) Tutin fruit against acetylcholinesterase and carbonic anhydrase I and II isoenzymes**
Çiçek Kaya A., ÖZBEK H., YUCA H., Yılmaz G., Bingöl Z., KAZAZ C., GÜLÇİN İ., GÜVENALP Z.
Chemical Papers, cilt.77, sa.10, ss.5829-5837, 2023 (SCI-Expanded)
- XXV. **Novel Quinazolinone Derivatives: Potential Synthetic Analogs for the Treatment of Glaucoma, Alzheimer's Disease and Diabetes Mellitus**
Tokalı F. S., Taslimi P., TÜZÜN B., Karakuş A., Sadeghian N., GÜLÇİN İ.
Chemistry and Biodiversity, cilt.20, sa.10, 2023 (SCI-Expanded)
- XXVI. **Novel coumarin-chalcone derivatives: Synthesis, characterization, antioxidant, cyclic voltammetry, molecular modelling and biological evaluation studies as acetylcholinesterase, α -glycosidase, and carbonic anhydrase inhibitors**
ÇELİK ONAR H., Özden E. M., Taslak H. D., GÜLÇİN İ., Ece A., Erçağ E.
Chemico-Biological Interactions, cilt.383, 2023 (SCI-Expanded)
- XXVII. **Antioxidant, antidiabetic, antiglaucoma, and anticholinergic effects of Tayfi grape (*Vitis vinifera*): A phytochemical screening by LC-MS/MS analysis**
KARAGEÇİLİ H., İzol E., KİREÇCİ E., GÜLÇİN İ.
OPEN CHEMISTRY, cilt.21, sa.1, 2023 (SCI-Expanded)
- XXVIII. **Isofraxidin: Antioxidant, Anti-carbonic Anhydrase, Anti-cholinesterase, Anti-diabetic, and in Silico**

Properties

DURMAZ L., GÜLÇİN İ., Taslimi P., TÜZÜN B.

CHEMISTRYSELECT, cilt.8, sa.34, 2023 (SCI-Expanded)

- XXIX. **Antioxidant, Antiglaucoma, Anticholinergic, and Antidiabetic Effects of Kiwifruit (<i>Actinidia deliciosa</i>) Oil: Metabolite Profile Analysis Using LC-HR/MS, GC/MS and GC-FID**
Ozden E. M., Bingol Z., MUTLU M., KARAGEÇİLİ H., KÖKSAL E., Goren A. C., Alwasel S. H., GÜLÇİN İ.
LIFE-BASEL, cilt.13, sa.9, 2023 (SCI-Expanded)
- XXX. **LC-ESI-MS/MS analysis of secondary metabolites of different St. John's wort (*Hypericum perforatum*) extracts used as food supplements and evaluation of developmental toxicity on zebrafish (*Danio rerio*) embryos and larvae**
Atalar M. N., Köktürk M., Altındağ F., Ozhan G., Özen T., Demirtas İ., GÜLÇİN İ.
South African Journal of Botany, cilt.159, ss.580-587, 2023 (SCI-Expanded)
- XXXI. **The Comparison with Commercial Antioxidants, Effects on Colour, and Sensory Properties of Green Tea Powder in Butter**
Çakmakçı S., Gülçin İ., Gundogdu E., Oztekin H. E., Taslimi P.
ANTIOXIDANTS, cilt.12, sa.8, 2023 (SCI-Expanded)
- XXXII. **Screening of in Vitro Inhibition of Lactoperoxidase Enzyme by Methyl Benzoate Derivatives with Molecular Docking Studies**
Abul N., Gerni S., Korkmaz I. N., Demir Y., ÖZDEMİR H., GÜLÇİN İ.
CHEMISTRY & BIODIVERSITY, cilt.20, sa.8, 2023 (SCI-Expanded)
- XXXIII. **Synthesis and Biological Activity of Some Bromophenols and Their Derivatives Including Natural Products**
Bayrak C., Taslimi P., Kilinc N., GÜLÇİN İ., MENZEK A.
Chemistry and Biodiversity, cilt.20, sa.8, 2023 (SCI-Expanded)
- XXXIV. **DPPH Radical Scavenging Assay**
GÜLÇİN İ., Alwasel S. H.
Processes, cilt.11, sa.8, 2023 (SCI-Expanded)
- XXXV. **Evaluation of antioxidant potentials and acetylcholinesterase inhibitory effects of some new salicylic acid-salicylamide hybrids**
KOCA M., GÜLÇİN İ., Üç E. M., Bilginer S., AYDIN A. S.
Journal of the Iranian Chemical Society, cilt.20, sa.7, ss.1535-1543, 2023 (SCI-Expanded)
- XXXVI. **Synthesis, Biological Activity Evaluation and Molecular Docking of Imidazole Derivatives Possessing Hydrazone Moiety**
Kekecmammed H., Tapera M., Aydogdu E., SARIPINAR E., KARATAŞ E. A., Uc E. M., Akyuz M., TÜZÜN B., GÜLÇİN İ., Emin Bora R., et al.
CHEMISTRY & BIODIVERSITY, cilt.20, sa.6, 2023 (SCI-Expanded)
- XXXVII. **Design, synthesis, characterization, crystal structure, in silico studies, and inhibitory properties of the PEPSI type Pd(II)NHC complexes bearing chloro/fluorobenzyl group**
GÖK Y., Taslimi P., ŞEN YÜKSEL B., Bal S., AKTAŞ A., AYGÜN M., Sadeghi M., GÜLÇİN İ.
Bioorganic Chemistry, cilt.135, 2023 (SCI-Expanded)
- XXXVIII. **Design, synthesis, α -glucosidase inhibition, pharmacokinetic, and cytotoxic studies of new indole-carbohydrazide-phenoxy-N-phenylacetamide derivatives**
Hamedifar H., Mohammadi-Khanaposhtani M., Sherafati M., Noori M., Moazam A., Hosseini S., Larijani B., Hajimiri M. H., Mahdavi M., Erdogan M. K., et al.
Archiv der Pharmazie, cilt.356, sa.6, 2023 (SCI-Expanded)
- XXXIX. **Structural characterization and biological evaluation of uracil-appended benzylic amines as acetylcholinesterase and carbonic anhydrase I and II inhibitors**
Bulut Z., Abul N., Poslu A. H., GÜLÇİN İ., Ece A., Erçağ E., Koz Ö., Koz G.
Journal of Molecular Structure, cilt.1280, 2023 (SCI-Expanded)
- XL. **Design, Synthesis, Characterization and Biological Activities of Novel S-(Acyloxy)butyl-N,N-Diethyldithiocarbamate Compounds**

Karimov A., Taslimi P., Orujova A., Mammadova K., KISA D., Farzaliyev V., Sujayev A., Sadeghian N., TAŞKIN TOK T., Alwasel S., et al.

CHEMISTRYSELECT, cilt.8, sa.18, 2023 (SCI-Expanded)

- XLII. **Analysis of Phenolic Compounds by LC-HRMS and Determination of Antioxidant and Enzyme Inhibitory Properties of *Verbascum speciosum* Schrad**
Kızıltaş H., Bingöl Z., Goren A. C., Alwasel S. H., GÜLÇİN İ.
RECORDS OF NATURAL PRODUCTS, cilt.17, ss.485-500, 2023 (SCI-Expanded)
- XLIII. **Thymol regulates the Endothelin-1 at gene expression and protein synthesis levels in septic rats**
Şehitoğlu M. H., ÖZTOPUZ R. Ö., Kılınç N., OVALI M. A., Büyük B., GÜLÇİN İ.
Chemico-Biological Interactions, cilt.375, 2023 (SCI-Expanded)
- XLIII. **Screening of Antiglaucoma, Antidiabetic, Anti-Alzheimer, and Antioxidant Activities of *Astragalus alopecurus* Pall-Analysis of Phenolics Profiles by LC-MS/MS**
Güven L., Ertürk A., Miloğlu F., Alwasel S., Gulcin İ.
PHARMACEUTICALS, sa.5, 2023 (SCI-Expanded)
- XLIV. **Fluorinated benzimidazolium salts: Synthesis, characterization, molecular docking studies and inhibitory properties against some metabolic enzymes**
Zengin R., GÖK Y., Demir Y., ŞEN YÜKSEL B., Taskin-Tok T., AKTAŞ A., Demirci Ö., GÜLÇİN İ., AYGÜN M.
Journal of Fluorine Chemistry, cilt.267, 2023 (SCI-Expanded)
- XLV. **Synthesis, Characterization, Bioactivity Impacts of New Anthranilic Acid Hydrazones Containing Aryl Sulfonate Moiety as Fenamate Isosteres**
TOKALI F. S., Taslimi P., Sadeghian N., Taskin-To T., GÜLÇİN İ.
CHEMISTRYSELECT, cilt.8, sa.13, 2023 (SCI-Expanded)
- XLVI. **Synthesis of nitrogen-containing oleanolic acid derivatives as carbonic anhydrase and acetylcholinesterase inhibitors**
ŞENOL H., Çelik Turgut G., ŞEN A., Sağlamtaş R., Tuncay S., GÜLÇİN İ., TOPÇU G.
Medicinal Chemistry Research, cilt.32, sa.4, ss.694-704, 2023 (SCI-Expanded)
- XLVII. **Dual functional cholinesterase and carbonic anhydrase inhibitors for the treatment of Alzheimer's disease: Design, synthesis, in vitro, and in silico evaluations of coumarin-dihydropyridine derivatives**
Zahedi N. A., Mohammadi-Khanaposhtani M., Rezaei P., Askarzadeh M., Alikhani M., Adib M., Mahdavi M., Larijani B., Niakan S., Tehrani M. B., et al.
Journal of Molecular Structure, cilt.1276, 2023 (SCI-Expanded)
- XLVIII. **Metal-Free Synthesis via Intramolecular Cyclization, Enzyme Inhibition Properties and Molecular Docking of Novel Isoindolinones**
Atmaca U., Sağlamtaş R., Sert Y., Çelik M., Gülçin İ.
ChemistrySelect, cilt.8, sa.9, 2023 (SCI-Expanded)
- XLIX. **Synthesis of Schiff Bases Containing Phenol Rings and Investigation of Their Antioxidant Capacity, Anticholinesterase, Butyrylcholinesterase, and Carbonic Anhydrase Inhibition Properties**
AYTAÇ S., GÜNDOĞDU Ö., Bingöl Z., GÜLÇİN İ.
PHARMACEUTICS, cilt.15, sa.3, 2023 (SCI-Expanded)
- L. **Determination of Antioxidant, Anti-Alzheimer, Antidiabetic, Antiglaucoma and Antimicrobial Effects of Zivzik Pomegranate (*Punica granatum*)—A Chemical Profiling by LC-MS/MS**
Karagecili H., İzol E., Kirecci E., GÜLÇİN İ.
Life, cilt.13, sa.3, 2023 (SCI-Expanded)
- LI. **Comprehensive Metabolite Profiling of Berdavi Propolis Using LC-MS/MS: Determination of Antioxidant, Anticholinergic, Antiglaucoma, and Antidiabetic Effects**
Karagecili H., Yılmaz M. A., ERTÜRK A., Kızıltaş H., GÜVEN L., Alwasel S. H., GÜLÇİN İ.
Molecules (Basel, Switzerland), cilt.28, sa.4, 2023 (SCI-Expanded)
- LII. **Piperazine derivatives with potent drug moiety as efficient acetylcholinesterase, butyrylcholinesterase, and glutathione S-transferase inhibitors**
Karaytug M. O., Balci N., Türkan F., Gurbuz M., Demirkol M. E., Namlı Z., TAMAM L., Gulcin İ.

Journal of Biochemical and Molecular Toxicology, cilt.37, sa.2, 2023 (SCI-Expanded)

- LIII. **Vinyl functionalized 5,6-dimethylbenzimidazolium salts: Synthesis and biological activities**
KARACA E. Ö., Bingöl Z., GÜRBÜZ N., ÖZDEMİR İ., GÜLÇİN İ.
Journal of Biochemical and Molecular Toxicology, cilt.37, sa.2, 2023 (SCI-Expanded)
- LIV. **Some Thiocyanate Containing Heterocyclic Compounds: Synthesis, Bioactivity and Molecular Docking Study**
Israfilova Z., Taslimi P., GÜLÇİN İ., Abdullayev Y., Farzaliyev V., Karaman M., Sujayev A., Alwasel S. H.
ChemistrySelect, cilt.8, sa.3, 2023 (SCI-Expanded)
- LV. **Comprehensive Metabolite Profiling of Cinnamon (*Cinnamomum zeylanicum*) Leaf Oil Using LC-HR/MS, GC/MS, and GC-FID: Determination of Antiglaucoma, Antioxidant, Anticholinergic, and Antidiabetic Profiles**
Mutlu M., Bingol Z., Uc E. M., KÖKSAL E., Goren A. C., Alwasel S. H., GÜLÇİN İ.
Life, cilt.13, sa.1, 2023 (SCI-Expanded)
- LVI. **Unravelling the phenolic compound reserves, antioxidant and enzyme inhibitory activities of an endemic plant species, *Achillea pseudoaleppica***
Yılmaz M. A., Taslimi P., Kilic O., Gülçin İ., Dey A., Bursal E.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.41, sa.2, ss.445-456, 2023 (SCI-Expanded)
- LVII. **Determination of antioxidant, antimicrobial, anticholinesterase, antityrosinase, antidiabetic and antiglaucoma activities of essential oils from three different *Thymus* species and their chemical characterization by GC-MS analysis**
GÜVEN L., Behbudbayli U., ERTÜRK A., HANCI H., YILMAZ B., KAYA Y., GÜLÇİN İ.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, cilt.26, sa.6, ss.1424-1446, 2023 (SCI-Expanded)
- LVIII. **Comprehensively Revealing the Profile of *Pistacia vera* L. cv. Siirt Turpentine - Antioxidant, Antidiabetic, Anti-Alzheimer, and Antiglaucoma Effects**
Karageçili H., Yilmaz M. A., Alwasel S. H., ARIK M., GÜLÇİN İ.
Records of Natural Products, cilt.17, sa.5, ss.918-937, 2023 (SCI-Expanded)
- LIX. **DESIGN, SYNTHESIS, CHARACTERIZATION, BIOACTIVITY AND MOLECULAR DOCKING STUDIES OF NOVEL SULFAMIDES**
Naderi A., Akincioglu A., Cagan A., GÖKSU S., Taslimi P., GÜLÇİN İ.
STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, cilt.68, sa.2, ss.145-168, 2023 (SCI-Expanded)
- LX. **Novel PEPPSI-type N-heterocyclic carbene palladium(II) complexes: Synthesis, characterization, in silico studies and enzyme inhibitory properties against some metabolic enzymes**
Yiğit B., Taslimi P., BARUT CELEPCI D., Taskin-Tok T., Yiğit M., AYGÜN M., ÖZDEMİR İ., GÜLÇİN İ.
Inorganica Chimica Acta, cilt.544, 2023 (SCI-Expanded)
- LXI. **Comprehensive metabolic profiling of *Acantholimon caryophyllaceum* using LC-HRMS and evaluation of antioxidant activities, enzyme inhibition properties and molecular docking studies**
Kızıldaş H., Bingol Z., Goren A. C., Pinar S. M., Ortaakarsu A. B., Alwasel S. H., GÜLÇİN İ.
South African Journal of Botany, cilt.151, ss.743-755, 2022 (SCI-Expanded)
- LXII. **Phthalimide-tethered imidazolium salts: Synthesis, characterization, enzyme inhibitory properties, and in silico studies**
YİĞİT M., Demir Y., BARUT CELEPCI D., TAŞKIN TOK T., Arinc A., YİĞİT B., AYGÜN M., ÖZDEMİR İ., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.355, sa.12, 2022 (SCI-Expanded)
- LXIII. **Benzimidazolium Salts Containing Trifluoromethoxybenzyl: Synthesis, Characterization, Crystal Structure, Molecular Docking Studies and Enzymes Inhibitory Properties**
Hamide M., GÖK Y., Demir Y., SEVİNÇEK R., TAŞKIN TOK T., TEZCAN B., AKTAŞ A., GÜLÇİN İ., AYGÜN M., GÜZEL B.
CHEMISTRY & BIODIVERSITY, cilt.19, sa.12, 2022 (SCI-Expanded)
- LXIV. **New PEPPSI-Pd-NHC complexes bearing 4-hydroxyphenylethyl group: Synthesis, characterization, molecular docking, and bioactivity properties**
Behcet A., Taslimi P., GÖK Y., AKTAŞ A., TAŞKIN TOK T., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.355, sa.12, 2022 (SCI-Expanded)
- LXV. **Synthesis of Novel Bromophenol with Diaryl Methanes-Determination of Their Inhibition Effects on**

Carbonic Anhydrase and Acetylcholinesterase

Oztaskin N., Göksu S., Demir Y., Maraş A., Gülçin İ.

MOLECULES, cilt.27, sa.21, 2022 (SCI-Expanded)

- LXVI. **Sahlep (*Dactylorhiza osmanica*): Phytochemical Analyses by LC-HRMS, Molecular Docking, Antioxidant Activity, and Enzyme Inhibition Profiles**
Kızıldaş H., Goren A. C., Alwasel S. H., GÜLÇİN İ.
MOLECULES, cilt.27, sa.20, 2022 (SCI-Expanded)
- LXVII. **Synthesis, characterization, evaluation of metabolic enzyme inhibitors and in silico studies of thymol based 2-amino thiol and sulfonic acid compounds**
BORA R. E., Bilgili H. G., Uc E. M., ALAGÖZ M. A., ZENGİN M., GÜLÇİN İ.
CHEMICO-BIOLOGICAL INTERACTIONS, cilt.366, 2022 (SCI-Expanded)
- LXVIII. **Arylated Quinoline and Tetrahydroquinolines: Synthesis, Characterization and Their Metabolic Enzyme Inhibitory and Antimicrobial Activities**
KOÇYİĞİT Ü. M., Okten S., Cakmak O., Burhan G., ATAŞ M., Taslimi P., GÜLÇİN İ.
CHEMISTRYSELECT, cilt.7, sa.37, 2022 (SCI-Expanded)
- LXIX. **Exploring enzyme inhibition profiles of novel halogenated chalcone derivatives on some metabolic enzymes: Synthesis, characterization and molecular modeling studies**
ANIL D., POLAT M. F., Sağlamtas R., Tarikogullari A. H., ALAGÖZ M. A., GÜLÇİN İ., Algul O., BURMAOĞLU S.
COMPUTATIONAL BIOLOGY AND CHEMISTRY, cilt.100, 2022 (SCI-Expanded)
- LXX. **Pentafluorobenzyl-substituted benzimidazolium salts: Synthesis, characterization, crystal structures, computational studies and inhibitory properties of some metabolic enzymes**
Hamide M., GÖK Y., Demir Y., Yakali G., Tok T. T., AKTAŞ A., SEVİNÇEK R., GÜZEL B., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1265, 2022 (SCI-Expanded)
- LXXI. **The palladium-based complexes bearing 1,3-dibenzylbenzimidazolium with morpholine, triphenylphosphine, and pyridine derivate ligands: synthesis, characterization, structure and enzyme inhibitions**
AKTAŞ A., Yakali G., Demir Y., GÜLÇİN İ., AYGÜN M., GÖK Y.
Heliyon, cilt.8, sa.9, 2022 (SCI-Expanded)
- LXXII. **Antioxidant, Antidiabetic, Anticholinergic, and Antiglaucoma Effects of Magnofluorine**
DURMAZ L., Kızıldaş H., GÜVEN L., KARAGEÇİLİ H., Alwasel S., GÜLÇİN İ.
MOLECULES, cilt.27, sa.18, 2022 (SCI-Expanded)
- LXXIII. **Determination of biological studies and molecular docking calculations of isatin-thiosemicarbazone hybrid compounds**
KOÇYİĞİT Ü. M., DOĞAN M., MUĞLU H., Taslimi P., TÜZÜN B., YAKAN H., BAL H., Guzel E., Gulcin İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1264, 2022 (SCI-Expanded)
- LXXIV. **Isolation of Some Phenolic Compounds from Plantago subulata L. and Determination of Their Antidiabetic, Anticholinesterase, Antiepileptic and Antioxidant Activity**
Ozaslan M. S., Sağlamtas R., Demir Y., GENÇ Y., SARAÇOĞLU İ., GÜLÇİN İ.
CHEMISTRY & BIODIVERSITY, cilt.19, sa.8, 2022 (SCI-Expanded)
- LXXV. **Some phenolic natural compounds as carbonic anhydrase inhibitors: An in vitro and in silico study**
AĞGÜL A. G., UZUN N., Kuzu M., Taslimi P., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.355, sa.6, 2022 (SCI-Expanded)
- LXXVI. **Synthesis, cytotoxicities, and carbonic anhydrase inhibition activities of pyrazoline-benzenesulfonamide derivatives harboring phenol/polyphenol moieties**
BİLGİNER S., Bardaweel S. K., Demir Y., GÜLÇİN İ., KAZAZ C.
MEDICINAL CHEMISTRY RESEARCH, cilt.31, sa.6, ss.925-935, 2022 (SCI-Expanded)
- LXXVII. **Screening of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and alpha-Glycosidase Enzyme Inhibition Effects and Antioxidant Activity of Coumestrol**
DURMAZ L., ERTÜRK A., AKYÜZ M., Kose L. P., Uc E. M., Bingol Z., Sağlamtas R., Alwasel S., GÜLÇİN İ.
MOLECULES, cilt.27, sa.10, 2022 (SCI-Expanded)
- LXXVIII. **Potential thiosemicarbazone-based enzyme inhibitors: Assessment of antiproliferative activity,**

metabolic enzyme inhibition properties, and molecular docking calculations

YAKAN H., KOÇYİĞİT Ü. M., MUĞLU H., ERGÜL M., ERKAN S., Guzel E., Taslimi P., GÜLÇİN İ.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.36, sa.5, 2022 (SCI-Expanded)

LXXIX. Synthesis, Characterization, Molecular Docking, Acetylcholinesterase and alpha-Glycosidase Inhibition Profiles of Nitrogen-Based Novel Heterocyclic Compounds

GÜLÇİN İ., Petrova O., Taslimi P., Malysheva S. F., Schmidt E. Y., Sobenina L. N., Gusarova N. K., Trofimov B. A., TÜZÜN B., Farzaliyev V. M., et al.

CHEMISTRYSELECT, cilt.7, sa.19, 2022 (SCI-Expanded)

LXXX. Metal contained Phthalocyanines with 3,4-Dimethoxyphenethoxy substituents: their anticancer, antibacterial activities and their inhibitory effects on some metabolic enzymes with molecular docking studies

Taslimi P., Türkan F., Gungordu Solgun D., Aras A., Erden Y., Çelebioğlu H. U., Tüzün B., Ağırtaş M. S., Gunay S., Gülçin İ.

JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.40, sa.7, ss.2991-3002, 2022 (SCI-Expanded)

LXXXI. Synthesis, molecular docking and some metabolic enzyme inhibition properties of biphenyl-substituted chalcone derivatives

BURMAOĞLU S., Kazancioglu E. A., Kazancioglu M. Z., Sağlamtaş R., Yalcin G., GÜLÇİN İ., Algul O.

Journal of Molecular Structure, cilt.1254, 2022 (SCI-Expanded)

LXXXII. Cytotoxicity effects and biochemical investigation of novel tetrakis-phthalocyanines bearing 2-thiocytosine moieties with molecular docking studies

GÜNSEL A., Yildirim A., Taslimi P., ERDEN Y., TAŞKIN TOK T., Piskin H., BİLGİÇLİ A. T., GÜLÇİN İ., YARAŞIR M. N.

INORGANIC CHEMISTRY COMMUNICATIONS, cilt.138, 2022 (SCI-Expanded)

LXXXIII. Benzimidazolium salts bearing the trifluoromethyl group as organofluorine compounds: Synthesis, characterization, crystal structure, in silico study, and inhibitory profiles against acetylcholinesterase and alpha-glycosidase

TEZCAN B., GÖK Y., SEVİNÇEK R., Taslimi P., TAŞKIN TOK T., AKTAŞ A., GÜZEL B., AYGÜN M., GÜLÇİN İ.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.36, sa.4, 2022 (SCI-Expanded)

LXXXIV. Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties

YİĞİT M., BARUT CELEPCI D., Taslimi P., YİĞİT B., Cetinkaya E., ÖZDEMİR İ., AYGÜN M., GÜLÇİN İ.

BIOORGANIC CHEMISTRY, cilt.120, 2022 (SCI-Expanded)

LXXXV. Polyphenol Contents, Potential Antioxidant, Anticholinergic and Antidiabetic Properties of Mountain Mint (Cyclotrichium leucotrichum)

GÜLÇİN İ., Bingol Z., Taslimi P., Goren A. C., Alwasel S. H., Tel A. Z.

CHEMISTRY & BIODIVERSITY, cilt.19, sa.3, 2022 (SCI-Expanded)

LXXXVI. New Pd(II) complexes of the bithiocarbohydrazones derived from isatin and disubstituted salicylaldehydes: Synthesis, characterization, crystal structures and inhibitory properties against some metabolic enzymes

KAYA Y., ERÇAĞ A., ZORLU Y., Demir Y., GÜLÇİN İ.

JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, cilt.27, sa.2, ss.271-281, 2022 (SCI-Expanded)

LXXXVII. SYNTHESIS AND ENZYME INHIBITORY PROPERTIES OF QUINOXALINE BRIDGED BIS(IMIDAZOLIUM) SALTS

YİĞİT M., Demir Y., Arinc A., YİĞİT B., KOCA M., ÖZDEMİR İ., GÜLÇİN İ.

HETEROCYCLES, cilt.104, sa.7, ss.1268-1279, 2022 (SCI-Expanded)

LXXXVIII. Synthesis and inhibition profiles of N-benzyl- and N-allyl aniline derivatives against carbonic anhydrase and acetylcholinesterase - A molecular docking study

Mahmudov I., Demir Y., SERT Y., Abdullayev Y., Sujayev A., Alwasel S. H., GÜLÇİN İ.

ARABIAN JOURNAL OF CHEMISTRY, cilt.15, sa.3, 2022 (SCI-Expanded)

LXXXIX. Novel phenolic Mannich base derivatives: synthesis, bioactivity, molecular docking, and ADME-Tox Studies

TOKALI F. S., Taslimi P., Demirciolu I. H., Sendil K., TÜZÜN B., GÜLÇİN İ.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.19, sa.2, ss.563-577, 2022 (SCI-Expanded)

- XC. **Synthesis and some enzyme inhibition effects of isoxazoline and pyrazoline derivatives including benzonorbornene unit**
Yavari M. A., Adiloglu Y., Saglamtas R., TUTAR A., GÜLÇİN İ., MENZEK A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.36, sa.2, 2022 (SCI-Expanded)
- XCI. **Phthalocyanine complexes with (4-isopropylbenzyl)oxy substituents: preparation and evaluation of anti-carbonic anhydrase, anticholinesterase enzymes and molecular docking studies.**
Güzel E., Koçyiğit Ü., Taslimi P., Gülçin İ., Erkan S., Nebioğlu M., Arslan B., Şişman İ.
Journal of biomolecular structure & dynamics, cilt.40, sa.2, ss.733-741, 2022 (SCI-Expanded)
- XCII. **Discovery of sulfadiazine-pyrrole conjugates as carbonic anhydrase and acetylcholinesterase inhibitors**
GÜMÜŞ M., Babacan S. N., Demir Y., SERT Y., KOCA İ., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.355, sa.1, 2022 (SCI-Expanded)
- XCIII. **Metal Ions, Metal Chelators and Metal Chelating Assay as Antioxidant Method**
GÜLÇİN İ., Alwasel S. H.
PROCESSES, cilt.10, sa.1, 2022 (SCI-Expanded)
- XCIV. **Novel inhibitors with sulfamethazine backbone: synthesis and biological study of multi-target cholinesterases and alpha-glucosidase inhibitors**
TÜRKEŞ C., AKOÇAK S., Isik M., Lolak N., Taslimi P., DURGUN M., GÜLÇİN İ., Budak Y., BEYDEMİR Ş.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.40, sa.19, ss.8752-8764, 2022 (SCI-Expanded)
- XCV. **Biological Activity and Molecular Docking Study of Some Bicyclic Structures: Antidiabetic and Anticholinergic Potentials**
Taslimi P., Akhundova F., Kurbanova M., TÜRKAN F., TÜZÜN B., Sujayev A., Sadeghian N., Maharramov A., Farzaliyev V., GÜLÇİN İ.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.42, sa.9, ss.6003-6016, 2022 (SCI-Expanded)
- XCVI. **Novel quinazolin-sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies**
Sepehri N., Mohammadi-Khanaposhtani M., Asemanipoor N., Hosseini S., Biglar M., Larijani B., Mahdavi M., Hamedifar H., Taslimi P., Sadeghian N., et al.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.40, sa.8, ss.3359-3370, 2022 (SCI-Expanded)
- XCVII. **Co and Zn Metal Phthalocyanines with Bulky Substituents: Anticancer, Antibacterial Activities and Their Inhibitory Effects on Some Metabolic Enzymes with Molecular Docking Studies**
TÜRKAN F., Taslimi P., Cabir B., Ağırtaş M. S., ERDEN Y., ÇELEBİOĞLU H. U., TÜZÜN B., BURSAL E., GÜLÇİN İ.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.42, sa.7, ss.4475-4486, 2022 (SCI-Expanded)
- XCVIII. **Synthesis and antioxidant activities of benzylic bromophenols inclusive of natural products**
Bayrak C., Uc E. M., Rezaei M., GÜLÇİN İ., MENZEK A.
TURKISH JOURNAL OF CHEMISTRY, cilt.46, sa.5, ss.1405-1428, 2022 (SCI-Expanded)
- XCIX. **Effects of some phenolic compounds on the inhibition of alpha-glycosidase enzyme-immobilized on Pluronic (R) F127 micelles: An in vitro and in silico study**
Kassa S. B., Taslimi P., ÖZEL Ş., GÜR B., GÜLÇİN İ., ONGANER Y.
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, cilt.632, 2022 (SCI-Expanded)
- C. **Molecular docking and inhibition profiles of some antibiotics on lactoperoxidase enzyme purified from bovine milk.**
Kalin R., Köksal Z., Bayrak S., Gerni S., Ozyürek I., Usanmaz H., Karaman M., Atasever A., Özdemir H., Gülçin İ.
Journal of biomolecular structure & dynamics, cilt.40, sa.1, ss.401-410, 2022 (SCI-Expanded)
- CI. **Design, synthesis, characterization, biological evaluation, and molecular docking studies of novel 1,2-aminopropanthiols substituted derivatives as selective carbonic anhydrase, acetylcholinesterase and α -glycosidase enzymes inhibitors.**
Huseynova A., Kaya R., Taslimi P., Farzaliyev V., Mammadyarova X., Sujayev A., Tüzün B., Kocyiğit U., Alwasel S., Gülçin İ.
Journal of biomolecular structure & dynamics, cilt.40, sa.1, ss.236-248, 2022 (SCI-Expanded)

- CII. **Methods to evaluate the scavenging activity of antioxidants toward reactive oxygen and nitrogen species (IUPAC Technical Report)**
APAK M. R., Calokerinos A., Gorinstein S., Segundo M. A., Hibbert D. B., GÜLÇİN İ., Cekic S. D., Guclu K., Ozyurek M., Celik S. E., et al.
PURE AND APPLIED CHEMISTRY, cilt.94, sa.1, ss.87-144, 2022 (SCI-Expanded)
- CIII. **Evaluation of the Antioxidant and Antiradical Properties of Some Phyto and Mammalian Lignans**
Polat Kose L., GÜLÇİN İ.
MOLECULES, cilt.26, sa.23, 2021 (SCI-Expanded)
- CIV. **Anticholinergic, Antidiabetic and Antioxidant Activities of *Ferula orientalis* L. Determination of Its Polyphenol Contents by LC-HRMS**
Kızıldaş H., GÖREN A. C., Bingol Z., Alwasel S. H., GÜLÇİN İ.
RECORDS OF NATURAL PRODUCTS, cilt.15, sa.6, ss.513-528, 2021 (SCI-Expanded)
- CV. **Inhibition Profiles of Some Symmetric Sulfamides Derived from Phenethylamines on Human Carbonic Anhydrase I, and II Isoenzymes**
Topal F., Aksu K., Gülçin İ., Tümer F., Göksu S.
CHEMISTRY & BIODIVERSITY, cilt.18, sa.10, 2021 (SCI-Expanded)
- CVI. **A novel class for carbonic anhydrases inhibitors and evaluation of their non-zinc binding**
Kuzu B., Tan Uygun M., GÜLÇİN İ., Mengeş N.
ARCHIV DER PHARMAZIE, cilt.354, sa.10, 2021 (SCI-Expanded)
- CVII. **Cholinesterases, carbonic anhydrase inhibitory properties and in silico studies of novel substituted benzylamines derived from dihydrochalcones**
Akincioglu A., Göksu S., Naderi A., Akincioglu H., Kılınç N., Gülçin İ.
COMPUTATIONAL BIOLOGY AND CHEMISTRY, cilt.94, 2021 (SCI-Expanded)
- CVIII. **Novel hypervalent iodine catalyzed synthesis of α -sulfonyl ketones: Biological activity and molecular docking studies**
Atmaca U., Alp C., Akincioglu H., Karaman H. S., Gülçin İ., Çelik M.
Journal of Molecular Structure, cilt.1239, 2021 (SCI-Expanded)
- CIX. **New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies**
Mirzazadeh R., Asgari M. S., Barzegari E., Pedrood K., Mohammadi-Khanaposhtani M., Sherafati M., Larijani B., Rastegar H., Rahmani H., Mahdavi M., et al.
ARCHIV DER PHARMAZIE, cilt.354, sa.9, 2021 (SCI-Expanded)
- CX. **Synthesis, biological activity and docking calculations of bis-naphthoquinone derivatives from Lawsone**
Riaz M. T., Yaqub M., Shafiq Z., Ashraf A., Khalid M., Taslimi P., TAŞ R., TÜZÜN B., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, cilt.114, 2021 (SCI-Expanded)
- CXI. **Silver N-heterocyclic carbene complexes bearing fluorinated benzyl group: Synthesis, characterization, crystal structure, computational studies, and inhibitory properties against some metabolic enzymes**
BAL S., Demirci O., ŞEN B., TAŞKIN TOK T., Taslimi P., AKTAŞ A., GÖK Y., AYGÜN M., GÜLÇİN İ.
APPLIED ORGANOMETALLIC CHEMISTRY, cilt.35, 2021 (SCI-Expanded)
- CXII. **Synthesis and biological evaluation of some 1-naphthol derivatives as antioxidants, acetylcholinesterase, and carbonic anhydrase inhibitors**
Erdogan M., Kose L. P., Essiz S., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.354, sa.8, 2021 (SCI-Expanded)
- CXIII. **Anticancer, anticholinesterase and antidiabetic activities of tunceli garlic (*Allium tuncelianum*): determining its phytochemical content by LC-MS/MS analysis**
TAKIM K., YİĞİN A., KOYUNCU İ., Kaya R., GÜLÇİN İ.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, cilt.15, sa.4, ss.3323-3335, 2021 (SCI-Expanded)
- CXIV. **Novel potential metabolic enzymes inhibitor, photosensitizer and antibacterial agents based on water-soluble phthalocyanine bearing imidazole derivative**

Gunsel A., Taslimi P., Atmaca G. Y., Bilgicli A. T., Piskin H., Ceylan Y., ERDOĞMUŞ A., Yarasir M. N., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1237, 2021 (SCI-Expanded)

- CXV. **The biological activities, molecular docking studies, and anticancer effects of 1-arylsulphonylpyrazole derivatives**
Taslimi P., Erden Y., Mamedov S., Zeynalova L., Ladokhina N., Tas R., Tuzun B., Sujayev A., Sadeghian N., Alwasel S. H., et al.
Journal of Biomolecular Structure and Dynamics, cilt.39, sa.9, ss.3336-3346, 2021 (SCI-Expanded)
- CXVI. **Antibacterial and Acetylcholinesterase Inhibitory Potentials of Triazenes Containing Sulfonamide Moiety**
BİLGİNER S., GÜL H. İ., HANCI H., GÜLÇİN İ.
PHARMACEUTICAL CHEMISTRY JOURNAL, cilt.55, sa.3, ss.284-289, 2021 (SCI-Expanded)
- CXVII. **Antidiabetic, anticholinergic and antioxidant activities of aerial parts of shaggy bindweed (Convolvulus betonicifolia Miller subsp.) – profiling of phenolic compounds by LC-HRMS**
Bingol Z., Kızıldaş H., GÖREN A. C., Kose L. P., Topal M., DURMAZ L., Alwasel S. H., GÜLÇİN İ.
Heliyon, cilt.7, sa.5, 2021 (SCI-Expanded)
- CXVIII. **Synthesis, characterization, crystal structure, alpha-glycosidase, and acetylcholinesterase inhibitory properties of 1,3-disubstituted benzimidazolium salts**
BAL S., Demirci O., ŞEN B., Taslimi P., AKTAŞ A., GÖK Y., AYĞÜN M., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.354, sa.5, 2021 (SCI-Expanded)
- CXIX. **LC-HRMS Profiling and Antidiabetic, Anticholinergic, and Antioxidant Activities of Aerial Parts of Kinkor (Ferulago stellata)**
Kızıldaş H., Bingol Z., GÖREN A. C., Kose L. P., DURMAZ L., Topal F., Alwasel S. H., GÜLÇİN İ.
MOLECULES, cilt.26, sa.9, 2021 (SCI-Expanded)
- CXX. **Design, synthesis, molecular docking, and some metabolic enzyme inhibition properties of novel quinazolinone derivatives**
TOKALI F. S., Taslimi P., Demircioglu I. H., KARAMAN M., GÜLTEKİN M. S., GÜLÇİN İ., Sendil K.
ARCHIV DER PHARMAZIE, cilt.354, sa.5, 2021 (SCI-Expanded)
- CXXI. **PEPPSI type Pd(II)NHC complexes bearing chloro-/fluorobenzyl group: Synthesis, characterization, crystal structures, alpha-glycosidase and acetylcholinesterase inhibitory properties**
BAL S., Demirci O., ŞEN B., Taslimi P., AKTAŞ A., GÖK Y., AYĞÜN M., GÜLÇİN İ.
POLYHEDRON, cilt.198, 2021 (SCI-Expanded)
- CXXII. **Synthesis, Characterization, and Inhibition Study of Novel Substituted Phenylureido Sulfaguanidine Derivatives as alpha-Glycosidase and Cholinesterase Inhibitors**
AKOÇAK S., Taslimi P., Lolak N., Isik M., DURGUN M., Budak Y., TÜRKEŞ C., GÜLÇİN İ., BEYDEMİR Ş.
CHEMISTRY & BIODIVERSITY, cilt.18, sa.4, 2021 (SCI-Expanded)
- CXXIII. **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)
- CXXIV. **Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes**
Daşgin S., GÖK Y., CELEPCI D. B., Taslimi P., Izmirli M., AKTAŞ A., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1228, 2021 (SCI-Expanded)
- CXXV. **Synthesis of benzamide derivatives with thiourea-substituted benzenesulfonamides as carbonic anhydrase inhibitors**
TUĞRAK M., GÜL H. İ., Demir Y., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.354, sa.2, 2021 (SCI-Expanded)
- CXXVI. **Probing 4-(diethylamino)-salicylaldehyde-based thiosemicarbazones as multi-target directed ligands against cholinesterases, carbonic anhydrases and alpha-glycosidase enzymes**
Hashmi S., Khan S., Shafiq Z., Taslimi P., Ishaq M., Sadeghian N., Karaman H. S., Akhtar N., Islam M., Asari A., et al.
BIOORGANIC CHEMISTRY, cilt.107, 2021 (SCI-Expanded)

- CXXVII. **Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives**
Pedrood K., Sherafati M., Mohammadi-Khanaposhtani M., Asgari M. S., Hosseini S., Rastegar H., Larijani B., Mahdavi M., Taslimi P., ERDEN Y., et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.170, ss.1-12, 2021 (SCI-Expanded)
- CXXVIII. **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)
- CXXIX. **Novel silver(I)N-heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties**
Behcet A., AKTAŞ A., GÖK Y., Kaya R., Taslimi P., GÜLÇİN İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.58, sa.2, ss.603-611, 2021 (SCI-Expanded)
- CXXX. **Concise syntheses and some biological activities of dl-2,5-di-O-methyl-chiro-inositol, dl-1,4-di-O-methyl-scyllo-inositol, and dl-1,6-dibromo-1,6-dideoxy-2,5-di-O-methyl-chiro-inositol**
Aksu K., Akincioglu H., GÜLÇİN İ., Kelebekli L.
ARCHIV DER PHARMAZIE, cilt.354, sa.2, 2021 (SCI-Expanded)
- CXXXI. **Novel Mannich bases with strong carbonic anhydrases and acetylcholinesterase inhibition effects: 3-(aminomethyl)-6-{3-[4-(trifluoromethyl)phenyl]acryloyl}-2(3H)-benzoxazolones**
BİLGİNER S., ANIL B., KOCA M., Demir Y., GÜLÇİN İ.
TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.3, ss.805-818, 2021 (SCI-Expanded)
- CXXXII. **Determination of anticancer properties and inhibitory effects of some metabolic enzymes including acetylcholinesterase, butyrylcholinesterase, alpha-glycosidase of some compounds with molecular docking study.**
Türkan F., Taslimi P., Abdalrazaq S., Aras A., Erden Y., Celebioglu H., Tuzun B., Ağırtaş M., Gülçin İ.
Journal of biomolecular structure & dynamics, cilt.39, sa.10, ss.3693-3702, 2021 (SCI-Expanded)
- CXXXIII. **Synthesis, characterization, powder X-ray diffraction analysis, thermal stability, antioxidant properties and enzyme inhibitions of M(II)-Schiff base ligand complexes.**
Buldurun K., Turan N., Bursal E., Aras A., Mantarçı A., Çolak N., Türkan F., Gülçin İ.
Journal of biomolecular structure & dynamics, cilt.39, sa.17, ss.6480-6487, 2021 (SCI-Expanded)
- CXXXIV. **Oleuropein and Verbascoside - Their Inhibition Effects on Carbonic Anhydrase and Molecular Docking Studies**
AĞGÜL A. G., Taslimi P., Kuzu M., UZUN N., BİLGİNER S., GÜLÇİN İ.
JOURNAL OF OLEO SCIENCE, cilt.70, sa.9, ss.1275-1283, 2021 (SCI-Expanded)
- CXXXV. **Synthesis of novel tris-chalcones and determination of their inhibition profiles against some metabolic enzymes**
Burmaoglu S., YILMAZ A. O., POLAT M., Kaya R., GÜLÇİN İ., Algul O.
Archives of Physiology and Biochemistry, cilt.127, sa.2, ss.153-161, 2021 (SCI-Expanded)
- CXXXVI. **Synthesis and in silico studies of triazene-substituted sulfamerazine derivatives as acetylcholinesterase and carbonic anhydrases inhibitors**
BİLGİNER S., GÜL H. İ., ANIL B., Demir Y., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.354, sa.1, 2021 (SCI-Expanded)
- CXXXVII. **Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds**
Kazancı A., GÖK Y., Kaya R., AKTAŞ A., Taslimi P., GÜLÇİN İ.
Polyhedron, cilt.193, 2021 (SCI-Expanded)
- CXXXVIII. **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)
- CXXXIX. **Determination of the inhibition profiles of pyrazolyl-thiazole derivatives against aldose reductase**

and α -glycosidase and molecular docking studies.

Demir Y., Taslimi P., Koçyiğit Ü., Akkuş M., Özaslan M., Duran H., Budak Y., Tüzün B., Gürdere M., Ceylan M., et al.
Archiv der Pharmazie, cilt.353, sa.12, 2020 (SCI-Expanded)

- CXL. **Human monoamine oxidase (hMAO) A and hMAO B inhibitors from *Artemisia dracunculus* L. herniarin and skimmin: human mononamine oxidase A and B inhibitors from *A. dracunculus* L.**
Aydin T., Akincioglu H., Gumustas M., Gulcin İ., Kazaz C., Cakir A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.75, sa.11-12, ss.459-466, 2020 (SCI-Expanded)
- CXLI. **Synthesis, characterization, molecular docking, and biological activities of coumarin-1,2,3-triazole-acetamide hybrid derivatives.**
Sepehri N., Mohammadi-Khanaposhtani M., Asemanipoor N., Hosseini S., Biglar M., Larijani B., Mahdavi M., Hamedifar H., Taslimi P., Sadeghian N., et al.
Archiv der Pharmazie, cilt.353, sa.10, 2020 (SCI-Expanded)
- CXLII. **Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds – Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and α -glycosidase inhibition properties**
GÜLÇİN İ., Trofimov B., Kaya R., Taslimi P., Sobenina L., Schmidt E., Petrova O., Malysheva S., Gusarova N., Farzaliyev V., et al.
Bioorganic Chemistry, cilt.103, 2020 (SCI-Expanded)
- CXLIII. **N-Substituted pyrimidinethione and acetophenone derivatives as a new therapeutic approach in diabetes.**
Taslimi P., Sujayev A., Karaman M., Maharramova G., Sadeghian N., Osmanova S., Sardarova S., Majdi N., Ozel H., Gulcin İ.
Archiv der Pharmazie, cilt.353, sa.9, 2020 (SCI-Expanded)
- CXLIV. **Quinoline-based promising anticancer and antibacterial agents, and some metabolic enzyme inhibitors.**
Ökten S., Aydın A., Koçyiğit Ü., Çakmak O., Erkan S., Andac C., Taslimi P., Gülçin İ.
Archiv der Pharmazie, cilt.353, sa.9, 2020 (SCI-Expanded)
- CXLV. **Synthesis, characterization, biological evaluation, and in silico studies of novel 1,3-diaryltriazene-substituted sulfathiazole derivatives**
Işık M., Akocak S., Lolak N., Taslimi P., Türkeş C., GÜLÇİN İ., Durgun M., Beydemir Ş.
Archiv der Pharmazie, cilt.353, sa.9, 2020 (SCI-Expanded)
- CXLVI. **Synthesis of water soluble tetra-substituted phthalocyanines: Investigation of DNA cleavage, cytotoxic effects and metabolic enzymes inhibition**
Günsel A., Bilgiçli A. T., Barut B., Taslimi P., ÖZEL A., GÜLÇİN İ., BIYIKLIOĞLU Z., Yarasir M. N.
Journal of Molecular Structure, cilt.1214, 2020 (SCI-Expanded)
- CXLVII. **Novel benzo[b]xanthene derivatives: Bismuth(III) triflate-catalyzed one-pot synthesis, characterization, and acetylcholinesterase, glutathione S-transferase, and butyrylcholinesterase inhibitory properties**
TURHAN K., Pektaş B., Türkan F., TUĞCU F. T., TURGUT Z., Taslimi P., KARAMAN H., GÜLÇİN İ.
Archiv der Pharmazie, cilt.353, sa.8, 2020 (SCI-Expanded)
- CXLVIII. **Novel propanolamine derivatives attached to 2-metoxifenol moiety: Synthesis, characterization, biological properties, and molecular docking studies**
Genc Bilgicli H., Ergon D., Taslimi P., TÜZÜN B., Akyazı Kuru İ., Zengin M., GÜLÇİN İ.
Bioorganic Chemistry, cilt.101, 2020 (SCI-Expanded)
- CXLIX. **2H-Indazolo[2,1-b]phthalazine-trione derivatives: Inhibition on some metabolic enzymes and molecular docking studies**
Taslimi P., Türkan F., TURHAN K., Karaman H. S., TURGUT Z., GÜLÇİN İ.
Journal of Heterocyclic Chemistry, cilt.57, sa.8, ss.3116-3125, 2020 (SCI-Expanded)
- CL. **Investigation of the effects of cephalosporin antibiotics on glutathione S-transferase activity in different tissues of rats in vivo conditions in order to drug development research**

Türkan F., Huyut Z., Taslimi P., Huyut M. T., GÜLÇİN İ.

Drug and Chemical Toxicology, cilt.43, sa.4, ss.423-428, 2020 (SCI-Expanded)

- CLI. **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)
- CLII. **Synthesis and antioxidant activities of phenol derivatives from 1,6-bis (dimethoxyphenyl)hexane-1,6-dione**
Artunc T., Menzek A., Taslimi P., Gulcin İ., Kazaz C., Sahin E.
BIOORGANIC CHEMISTRY, cilt.100, 2020 (SCI-Expanded)
- CLIII. **Synthesis, characterization, inhibition effects, and molecular docking studies as acetylcholinesterase, α -glycosidase, and carbonic anhydrase inhibitors of novel benzenesulfonamides incorporating 1,3,5-triazine structural motifs**
Lolak N., Akocak S., Türkeş C., Taslimi P., Işık M., Beydemir Ş., GÜLÇİN İ., Durgun M.
Bioorganic Chemistry, cilt.100, 2020 (SCI-Expanded)
- CLIV. **Synthesis, characterization, photo-physicochemical and biological properties of water-soluble tetra-substituted phthalocyanines: Antidiabetic, anticancer and anticholinergic potentials**
Günsel A., Atmaca G. Y., Taslimi P., Bilgiçli A. T., GÜLÇİN İ., ERDOĞMUŞ A., Nilüfer Yarasir M.
Journal of Photochemistry and Photobiology A: Chemistry, cilt.396, 2020 (SCI-Expanded)
- CLV. **Novel functionally substituted esters based on sodium diethyldithiocarbamate derivatives: Synthesis, characterization, biological activity and molecular docking studies**
Karimov A., Orujova A., Taslimi P., Sadeghian N., Mammadov B., Karaman H. S., Farzaliyev V., Sujayev A., Tas R., Alwasel S., et al.
Bioorganic Chemistry, cilt.99, 2020 (SCI-Expanded)
- CLVI. **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)
- CLVII. **Synthesis of novel organohalogen chalcone derivatives and screening of their molecular docking study and some enzymes inhibition effects**
Burmaoğlu S., Kazancioglu E. A., Kaya R., Kazancioglu M., Karaman M., Algul O., Gülçin İ.
Journal of Molecular Structure, cilt.1208, 2020 (SCI-Expanded)
- CLVIII. **Novel amine-functionalized benzimidazolium salts: Synthesis, characterization, bioactivity, and molecular docking studies**
Yiğit M., Yiğit B., Taslimi P., ÖZDEMİR İ., Karaman M., GÜLÇİN İ.
Journal of Molecular Structure, cilt.1207, 2020 (SCI-Expanded)
- CLIX. **Screening of non-alkaloid acetylcholinesterase and carbonic anhydrase isoenzymes inhibitors of *Leiotulus dasyanthus* (K. Koch) Pimenov & Ostr. (Apiaceae)**
KARAKAYA S., Bingol Z., KOCA M., Demirci B., GÜLÇİN İ., Baser K. H. C.
Journal of Essential Oil Research, cilt.32, sa.3, ss.227-241, 2020 (SCI-Expanded)
- CLX. **Inhibition effects of some pesticides and heavy metals on carbonic anhydrase enzyme activity purified from horse mackerel (*Trachurus trachurus*) gill tissues**
Caglayan C., Taslimi P., Türk C., Gülçin İ., Kandemir F. M., Demir Y., Beydemir Ş.
Environmental Science and Pollution Research, cilt.27, sa.10, ss.10607-10616, 2020 (SCI-Expanded)
- CLXI. **Cholinesterases, α -glycosidase, and carbonic anhydrase inhibition properties of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives: Synthetic analogues for the treatment of Alzheimer's disease and diabetes mellitus**
Taslimi P., TURHAN K., Türkan F., Sedef Karaman H., TURGUT Z., GÜLÇİN İ.
Bioorganic Chemistry, cilt.97, 2020 (SCI-Expanded)
- CLXII. **Synthesis of novel β -amino carbonyl derivatives and their inhibition effects on some metabolic enzymes**

- Biçer A., Kaya R., Yakalı G., GÜLTEKİN M. S., Cin G. T., GÜLÇİN İ.
Journal of Molecular Structure, cilt.1204, 2020 (SCI-Expanded)
- CLXIII. **A novel ag-n-heterocyclic carbene complex bearing the hydroxyethyl ligand: Synthesis, characterization, crystal and spectral structures and bioactivity properties**
AKTAŞ A., Celepci D. B., GÖK Y., Taslimi P., Akincioglu H., GÜLÇİN İ.
Crystals, cilt.10, sa.3, 2020 (SCI-Expanded)
- CLXIV. **Antioxidants and antioxidant methods: an updated overview**
GÜLÇİN İ.
Archives of Toxicology, cilt.94, sa.3, ss.651-715, 2020 (SCI-Expanded)
- CLXV. **Anti-Alzheimer, antidiabetic and antioxidant potential of *Satureja cuneifolia* and analysis of its phenolic contents by LC-MS/MS**
Taslimi P., KÖKSAL E., GÖREN A. C., Bursal E., Aras A., Kilic O., Alwasel S., GÜLÇİN İ.
ARABIAN JOURNAL OF CHEMISTRY, cilt.13, sa.3, ss.4528-4537, 2020 (SCI-Expanded)
- CLXVI. **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)
- CLXVII. **Novel carvacrol based new oxypropanolamine derivatives: Design, synthesis, characterization, biological evaluation, and molecular docking studies**
Bytyqi-Damoni A., Kestane A., Taslimi P., TÜZÜN B., Zengin M., Bilgicli H. G., GÜLÇİN İ.
Journal of Molecular Structure, cilt.1202, 2020 (SCI-Expanded)
- CLXVIII. **The Influence of Some Nonsteroidal Anti-inflammatory Drugs on Metabolic Enzymes of Aldose Reductase, Sorbitol Dehydrogenase, and α -Glycosidase: a Perspective for Metabolic Disorders**
Demir Y., Duran H. E., Durmaz L., Taslimi P., Beydemir Ş., GÜLÇİN İ.
Applied Biochemistry and Biotechnology, cilt.190, sa.2, ss.437-447, 2020 (SCI-Expanded)
- CLXIX. **Lactoperoxidase inhibition of some natural phenolic compounds: Kinetics and molecular docking studies**
Koksal Z., Kalin R., Kalin P., Karaman M., GÜLÇİN İ., ÖZDEMİR H.
Journal of Food Biochemistry, cilt.44, sa.2, 2020 (SCI-Expanded)
- CLXX. **Synthesis, characterization and biological evaluation of N-substituted triazinane-2-thiones and theoretical-experimental mechanism of condensation reaction**
Sujayev A., Taslimi P., Kaya R., Safarov B., Aliyeva L., Farzaliyev V., GÜLÇİN İ.
Applied Organometallic Chemistry, cilt.34, sa.2, 2020 (SCI-Expanded)
- CLXXI. **ICP-MS and HPLC analyses, enzyme inhibition and antioxidant potential of *Achillea schischkinii* Sosn.**
Türkan F., Atalar M. N., Aras A., GÜLÇİN İ., Bursal E.
Bioorganic Chemistry, cilt.94, 2020 (SCI-Expanded)
- CLXXII. **Benzenesulfonamide derivatives as potent acetylcholinesterase, α -glycosidase, and glutathione S-transferase inhibitors: biological evaluation and molecular docking studies.**
Taslimi P., Işık M., Türkan F., Durgun M., Türkeş C., Gülçin İ., Beydemir Ş.
Journal of biomolecular structure & dynamics, ss.1-12, 2020 (SCI-Expanded)
- CLXXIII. **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)
- CLXXIV. **Anticholinergic and antioxidant activities of avocado (*Folium perseae*) leaves - phytochemical content by LC-MS/MS analysis**
Kose L. P., Bingol Z., Kaya R., GÖREN A. C., Akincioglu H., DURMAZ L., KÖKSAL E., Alwasel S. H., GÜLÇİN İ.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.23, sa.1, ss.878-893, 2020 (SCI-Expanded)
- CLXXV. **Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties**

Bal S., Kaya R., GÖK Y., Taslimi P., AKTAŞ A., Karaman M., GÜLÇİN İ.

Bioorganic Chemistry, cilt.94, 2020 (SCI-Expanded)

- CLXXVI. **Identification of non-alkaloid natural compounds of *Angelica purpurascens* (Avé-Lall.) Gilli. (Apiaceae) with cholinesterase and carbonic anhydrase inhibition potential**
KARAKAYA S., Bingol Z., KOCA M., Dagoglu S., Pinar N. M., Demirci B., GÜLÇİN İ., Brestic M., Sytar O.
Saudi Pharmaceutical Journal, cilt.28, sa.1, ss.1-14, 2020 (SCI-Expanded)
- CLXXVII. **Synthesis, characterization, biological evaluation, and molecular docking studies of some piperonyl-based 4-thiazolidinone derivatives**
Bilgicli H. G., Taslimi P., Akyuz B., TÜZÜN B., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.353, sa.1, 2020 (SCI-Expanded)
- CLXXVIII. **Influence of some beta-lactam drugs on selected antioxidant enzyme and lipid peroxidation levels in different rat tissues**
Turkan F., Huyut Z., BAŞBUGAN Y., GÜLÇİN İ.
DRUG AND CHEMICAL TOXICOLOGY, cilt.43, sa.1, ss.27-36, 2020 (SCI-Expanded)
- CLXXIX. **Potent Acetylcholinesterase Inhibitors: Potential Drugs for Alzheimer's Disease**
Akıncioğlu H., GÜLÇİN İ.
Mini reviews in medicinal chemistry, cilt.20, sa.8, ss.703-715, 2020 (SCI-Expanded)
- CLXXX. **Synthesis, spectroscopic properties, crystal structures, antioxidant activities and enzyme inhibition determination of Co(II) and Fe(II) complexes of Schiff base**
Buldurun K., Turan N., Bursal E., Mantarcı A., Turkan F., Taslimi P., GÜLÇİN İ.
Research on Chemical Intermediates, cilt.46, sa.1, ss.283-297, 2020 (SCI-Expanded)
- CLXXXI. **In vitro effects of standard antioxidants on lactoperoxidase enzyme-A molecular docking approach**
Kalin R., KÖKSAL Z., KALIN P., Karaman M., GÜLÇİN İ., ÖZDEMİR H.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.34, sa.1, 2020 (SCI-Expanded)
- CLXXXII. **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)
- CLXXXIII. **Cytotoxic effects, carbonic anhydrase isoenzymes, α -glycosidase and acetylcholinesterase inhibitory properties, and molecular docking studies of heteroatom-containing sulfonyl hydrazone derivatives.**
Celebioglu H., Erden Y., Hamurcu F., Taslimi P., Şentürk O., Özmen Ü., Tuzun B., Gulçin İ.
Journal of biomolecular structure & dynamics, ss.1-12, 2020 (SCI-Expanded)
- CLXXXIV. **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)
- CLXXXV. **Novel tribenzylaminobenzolsulphonylimine based on their pyrazine and pyridazines: Synthesis, characterization, antidiabetic, anticancer, anticholinergic, and molecular docking studies**
Mamedova G., Mahmudova A., Mamedov S., ERDEN Y., Taslimi P., TÜZÜN B., TAŞ R., Farzaliyev V., Sujayev A., Alwasel S. H., et al.
BIOORGANIC CHEMISTRY, cilt.93, 2019 (SCI-Expanded)
- CLXXXVI. **Synthesis of beta-amino acid derivatives and their inhibitory profiles against some metabolic enzymes**
Atmaca U., Daryadel S., Taslimi P., Çelik M., Gülçin İ.
ARCHIV DER PHARMAZIE, cilt.352, sa.12, 2019 (SCI-Expanded)
- CLXXXVII. **Design, synthesis, in vitro and in vivo evaluation of novel pyrrolizine-based compounds with potential activity as cholinesterase inhibitors and anti-Alzheimer's agents**
El-Sayed N. A., Farag A. E., Ezzat M. A. F., Akincioglu H., GÜLÇİN İ., Abou-Seri S. M.
BIOORGANIC CHEMISTRY, cilt.93, 2019 (SCI-Expanded)
- CLXXXVIII. **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)

- CLXXXIX. **Purification and characterization of the carbonic anhydrase enzyme from horse mackerel (*Trachurus trachurus*) muscle and the impact of some metal ions and pesticides on enzyme activity**
Caglayan C., Taslimi P., Turk C., Kandemir F. M., Demir Y., Gülçin İ.
Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, cilt.226, 2019 (SCI-Expanded)
- CXC. **Pyrazole[3,4-d]pyridazine derivatives: Molecular docking and explore of acetylcholinesterase and carbonic anhydrase enzymes inhibitors as anticholinergics potentials**
Taslimi P., Turkan F., Cetin A., Burhan H., Karaman M., Bildirici İ., GÜLÇİN İ., Sen F.
BIOORGANIC CHEMISTRY, cilt.92, 2019 (SCI-Expanded)
- CXCI. **Synthesis of novel bis-sulfone derivatives and their inhibition properties on some metabolic enzymes including carbonic anhydrase, acetylcholinesterase, and butyrylcholinesterase**
Bicer A., Kaya R., ANIL B., Cin G. T., GÜLÇİN İ., GÜLTEKİN M. S.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.33, sa.11, 2019 (SCI-Expanded)
- CXCII. **The effects of zingerone against vancomycin-induced lung, liver, kidney and testis toxicity in rats: The behavior of some metabolic enzymes**
Caglayan C., Taslimi P., Demir Y., Küçükler S., Kandemir F. M., Gülçin İ.
Journal of Biochemical and Molecular Toxicology, cilt.33, 2019 (SCI-Expanded)
- CXCIII. **Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties**
Erdemir P., Celepci D. B., AKTAŞ A., GÖK Y., Kaya R., Taslimi P., Demir Y., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, cilt.91, 2019 (SCI-Expanded)
- CXCIV. **Phytochemical Content, Antidiabetic, Anticholinergic, and Antioxidant Activities of Endemic *Lecokia cretica* Extracts**
Aras A., Bursal E., Turkan F., Tohma H., Kilic O., GÜLÇİN İ., KÖKSAL E.
CHEMISTRY & BIODIVERSITY, cilt.16, sa.10, 2019 (SCI-Expanded)
- CXCV. **The green synthesis and molecular docking of novel N-substituted rhodanines as effective inhibitors for carbonic anhydrase and acetylcholinesterase enzymes**
Bayindir S., Caglayan C., Karaman M., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, cilt.90, 2019 (SCI-Expanded)
- CXCVI. **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)
- CXCVII. **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)
- CXCVIII. **Sage (*Salvia pilifera*): determination of its polyphenol contents, anticholinergic, antidiabetic and antioxidant activities**
GÜLÇİN İ., Tel A. Z., GÖREN A. C., TASLIMI P., Alwasel S. H.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, cilt.13, sa.3, ss.2062-2074, 2019 (SCI-Expanded)
- CXCIX. **Probiotic Shelf Life, Antioxidant, Sensory, Physical and Chemical Properties of Yogurts Produced with *Lactobacillus acidophilus* and Green Tea Powder**
Çakmakçı S., Öz E., Çakıroğlu K., Polat A., Gülçin İ., Ilgaz S., Seyyedcheraghi K., Ozhamamci I.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, cilt.25, ss.673-682, 2019 (SCI-Expanded)
- CC. **Antidiabetic properties of dietary phenolic compounds: Inhibition effects on alpha-amylase, aldose reductase, and alpha-glycosidase**
Demir Y., DURMAZ L., Taslimi P., GÜLÇİN İ.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, cilt.66, sa.5, ss.781-786, 2019 (SCI-Expanded)
- CCI. **Synthesis and biological evaluation of bromophenol derivatives with cyclopropyl moiety: Ring opening of cyclopropane with monoester**

BOZTAS M., TASLIMI P., YAVARI M. A., GÜLÇİN İ., ŞAHİN E., MENZEK A.

BIOORGANIC CHEMISTRY, cilt.89, 2019 (SCI-Expanded)

- CCII. **Preliminary phytochemical analysis and evaluation of in vitro antioxidant, antiproliferative, antidiabetic, and anticholinergics effects of endemic Gypsophila taxa from Turkey**
ALTAY A., Tohma H., DURMAZ L., Taslimi P., KORKMAZ M., GÜLÇİN İ., KÖKSAL E.
JOURNAL OF FOOD BIOCHEMISTRY, cilt.43, sa.7, 2019 (SCI-Expanded)
- CCIII. **Novel eugenol bearing oxypropanolamines: Synthesis, characterization, antibacterial, antidiabetic, and anticholinergic potentials**
Bilgili H. G., Kestane A., Taslimi P., Karabay O., Bytyqi-Damoni A., Zengin M., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, cilt.88, 2019 (SCI-Expanded)
- CCIV. **Synthesis of oxazolidinone from enantiomerically enriched allylic alcohols and determination of their molecular docking and biologic activities**
Atmaca U., Kaya R., Karaman H. S., Çelik M., Gülçin İ.
BIOORGANIC CHEMISTRY, cilt.88, 2019 (SCI-Expanded)
- CCV. **Synthesis and characterization of novel bromophenols: Determination of their anticholinergic, antidiabetic and antioxidant activities**
Öztaşkın N., KAYA R., MARAŞ A., ŞAHİN E., GÜLÇİN İ., GÖKSU S.
Bioorganic Chemistry, cilt.87, ss.91-102, 2019 (SCI-Expanded)
- CCVI. **Synthesis, characterization, molecular docking and biological activities of novel pyrazoline derivatives**
Turkan F., Cetin A., Taslimi P., KARAMAN H., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.352, sa.6, 2019 (SCI-Expanded)
- CCVII. **The antidiabetic and anticholinergic effects of chrysin on cyclophosphamide-induced multiple organ toxicity in rats: Pharmacological evaluation of some metabolic enzyme activities**
Taslimi P., Kandemir F. M., Demir Y., İleritürk M., Temel Y., Caglayan C., Gülçin İ.
Journal of Biochemical and Molecular Toxicology, cilt.33, sa.6, 2019 (SCI-Expanded)
- CCVIII. **Measurement of anticancer, antidiabetic and anticholinergic properties of sumac (Rhus coriaria): analysis of its phenolic compounds by LC-MS/MS**
Tohma H., ALTAY A., KÖKSAL E., GÖREN A. C., GÜLÇİN İ.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, cilt.13, sa.2, ss.1607-1619, 2019 (SCI-Expanded)
- CCIX. **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)
- CCX. **Synthesis, biological evaluation and molecular docking of novel pyrazole derivatives as potent carbonic anhydrase and acetylcholinesterase inhibitors**
TÜRKAN F., ÇETİN A., Taslimi P., KARAMAN M., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, cilt.86, ss.420-427, 2019 (SCI-Expanded)
- CCXI. **Investigation of the effects of some sulfonamides on acetylcholinesterase and carbonic anhydrase enzymes.**
KÖKSAL Z., ALI M. Z., BAYRAK S., GÜLÇİN İ., Özdemir H.
Journal of biochemical and molecular toxicology, cilt.33, 2019 (SCI-Expanded)
- CCXII. **Mono- or di-substituted imidazole derivatives for inhibition of acetylcholine and butyrylcholine esterases**
Kuzu B., Tan M., TASLIMI P., GÜLÇİN İ., Taspınar M., Mengeş N.
BIOORGANIC CHEMISTRY, cilt.86, ss.187-196, 2019 (SCI-Expanded)
- CCXIII. **Synthesis and biological evaluation of novel tris-chalcones as potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and α -glycosidase inhibitors**
Burmaoglu S., YILMAZ A. O., POLAT M., Kaya R., GÜLÇİN İ., Algul O.
Bioorganic Chemistry, cilt.85, ss.191-197, 2019 (SCI-Expanded)
- CCXIV. **The first synthesis, carbonic anhydrase inhibition and anticholinergic activities of some**

bromophenol derivatives with S including natural products

BAYRAK C., TASLIMI P., KARAMAN H. S., GÜLÇİN İ., MENZEK A.

BIOORGANIC CHEMISTRY, cilt.85, ss.128-139, 2019 (SCI-Expanded)

- CCXV. **SAR Evaluation of Disubstituted Tacrine Analogues as Promising Cholinesterase and Carbonic Anhydrase Inhibitors**
Okten S., Ekiz M., Tutar A., BÜTÜN B., KOÇYİĞİT Ü. M., TOPÇU G., GÜLÇİN İ.
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, cilt.53, sa.2, ss.268-275, 2019 (SCI-Expanded)
- CCXVI. **Imidazolinium chloride salts bearing wingtip groups: Synthesis, molecular docking and metabolic enzymes inhibition**
Yigit B., KAYA R., TASLIMI P., Isik Y., Karaman M., Yigit M., ÖZDEMİR İ., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1179, ss.709-718, 2019 (SCI-Expanded)
- CCXVII. **Phytochemical content, antioxidant activity, and enzyme inhibition effect of Salvia eriophora Boiss. & Kotschy against acetylcholinesterase, alpha-amylase, butyrylcholinesterase, and alpha-glycosidase enzymes**
Bursal E., Aras A., Kilic O., TASLIMI P., GÖREN A. C., GÜLÇİN İ.
JOURNAL OF FOOD BIOCHEMISTRY, cilt.43, sa.3, 2019 (SCI-Expanded)
- CCXVIII. **Synthesis and characterization of novel substituted thiophene derivatives and discovery of their carbonic anhydrase and acetylcholinesterase inhibition effects**
Cetin A., Turkan F., TASLIMI P., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.33, sa.3, 2019 (SCI-Expanded)
- CCXIX. **Synthesis and bioactivities of pyrazoline benzensulfonamides 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)
- CCXX. **Aminopyrazole-substituted metallophthalocyanines: Preparation, aggregation behavior, and investigation of metabolic enzymes inhibition properties**
Guzel E., KOÇYİĞİT Ü. M., Arslan B. S., ATAŞ M., TASLIMI P., Gokalp F., Nebioglu M., Sisman I., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.352, sa.2, 2019 (SCI-Expanded)
- CCXXI. **The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach**
Caglayan C., Demir Y., Küçükler S., Taslimi P., Kandemir F. M., Gülçin İ.
Journal of Food Biochemistry, cilt.43, 2019 (SCI-Expanded)
- CCXXII. **Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, antidiabetic and anticholinergic properties**
AKTAŞ A., Celepci D. B., KAYA R., TASLIMI P., GÖK Y., Aygun M., GÜLÇİN İ.
POLYHEDRON, cilt.159, ss.345-354, 2019 (SCI-Expanded)
- CCXXIII. **Synthesis, characterization, crystal structure of novel bis-thiomethylcyclohexanone derivatives and their inhibitory properties against some metabolic enzymes**
Biçer A., Taslimi P., Yakalı G., GÜLÇİN İ., Serdar Gültekin M., TURGUT CİN G.
Bioorganic Chemistry, cilt.82, ss.393-404, 2019 (SCI-Expanded)
- CCXXIV. **Synthesis, crystal structure, and biological evaluation of optically active 2-amino-4-aryl-7,7-dimethyl-5-oxo-5,6,7,8-tetrahydro-4H-chromen-3-carbonitriles: Antiepileptic, antidiabetic, and anticholinergics potentials**
MAHARRAMOV A., KAYA R., TASLIMI P., KURBANOVA M., SADİGOVA A., Farzaliyev V., Sujayev A., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.352, sa.2, 2019 (SCI-Expanded)
- CCXXV. **Synthesis, characterization, crystal structures, theoretical calculations and biological evaluations of novel substituted tacrine derivatives as cholinesterase and carbonic anhydrase enzymes inhibitors**
Okten S., Ekiz M., KOÇYİĞİT Ü. M., TUTAR A., ÇELİK İ., AKKURT M., GÖKALP F., Taslimi P., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1175, ss.906-915, 2019 (SCI-Expanded)
- CCXXVI. **Anticholinergic, antidiabetic and antioxidant activities of cinnamon (cinnamomum verum) bark**

extracts: polyphenol contents analysis by LC-MS/MS

GÜLÇİN İ., KAYA R., GÖREN A. C., Akincioglu H., Topal M., BINGOL Z., Cakmak K. C., Sarikaya S. B. O., DURMAZ L., Alwasel S.

INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.22, sa.1, ss.1511-1526, 2019 (SCI-Expanded)

- CCXXVII. **Screening the in vitro antioxidant, antimicrobial, anticholinesterase, antidiabetic activities of endemic *Achillea cucullata* (Asteraceae) ethanol extract**

Erugur N., KOÇYİĞİT Ü. M., TASLIMI P., ATAŞ M., Tekin M., GÜLÇİN İ.

SOUTH AFRICAN JOURNAL OF BOTANY, cilt.120, ss.141-145, 2019 (SCI-Expanded)

- CCXXVIII. **The Impacts of Some Sedative Drugs on alpha -Glycosidase, Acetylcholinesterase and Butyrylcholinesterase Enzymes-potential Drugs for Some Metabolic Diseases**

Kaya R., Taslimi P., Naldan M. E., GÜLÇİN İ.

LETTERS IN DRUG DESIGN & DISCOVERY, cilt.16, sa.5, ss.592-596, 2019 (SCI-Expanded)

- CCXXIX. **In vitro cytotoxic and in vivo antitumoral activities of some aminomethyl derivatives of 2,4-dihydro-3H-1,2,4-triazole-3-thiones-Evaluation of their acetylcholinesterase and carbonic anhydrase enzymes inhibition profiles**

Timur I., KOÇYİĞİT Ü. M., DAŞTAN T., SANDAL S., Ceribasi A. O., TASLIMI P., GÜLÇİN İ., Koparir M., Karatepe M., Ciftci M.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.33, sa.1, 2019 (SCI-Expanded)

- CCXXX. **The effects of some antibiotics from cephalosporin groups on the acetylcholinesterase and butyrylcholinesterase enzymes activities in different tissues of rats**

Turkan F., Huyut Z., TASLIMI P., GÜLÇİN İ.

ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY, cilt.125, sa.1, ss.12-18, 2019 (SCI-Expanded)

- CCXXXI. **The effects of casticin and myricetin on liver damage induced by methotrexate in rats**

Ekinçi-Akdemir F. N., Yıldırım S., Kandemir F. M., Gülçin İ., Küçükler S., Sağlam Y. S., Yakan S.

IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, cilt.21, sa.12, ss.1281-1288, 2018 (SCI-Expanded)

- CCXXXII. **Antidiabetic potential: In vitro inhibition effects of bromophenol and diarylmethanones derivatives on metabolic enzymes**

Demir Y., Taslimi P., Ozaslan M. S., Öztaşkın N., Çetinkaya Y., Gülçin İ., Beydemir S., Göksu S.

ARCHIV DER PHARMAZIE, cilt.351, sa.12, 2018 (SCI-Expanded)

- CCXXXIII. **Synthesis, characterization, antioxidant, antidiabetic, anticholinergic, and antiepileptic properties of novel N-substituted tetrahydropyrimidines based on phenylthiourea**

MAHARRAMOVA G., TASLIMI P., Sujayev A., Farzaliyev V., DURMAZ L., GÜLÇİN İ.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.12, 2018 (SCI-Expanded)

- CCXXXIV. **New azafluorenones with cytotoxic and carbonic anhydrase inhibitory properties: 2-Aryl-4-(4-hydroxyphenyl)-5H-indeno[1,2-b]pyridin-5-ones.**

Tugrak M., Inci G., SAKAGAMI H., GULCIN I., SUPURAN C.

Bioorganic chemistry, cilt.81, ss.433-439, 2018 (SCI-Expanded)

- CCXXXV. **Novel thymol bearing oxypropanolamine derivatives as potent some metabolic enzyme inhibitors - Their antidiabetic, anticholinergic and antibacterial potentials**

Zengin M., Genc H., TASLIMI P., Kestane A., Guclu E., Ogutlu A., Karabay O., GÜLÇİN İ.

BIOORGANIC CHEMISTRY, cilt.81, ss.119-126, 2018 (SCI-Expanded)

- CCXXXVI. **Synthesis, characterization, crystal structure, electrochemical studies and biological evaluation of metal complexes with thiosemicarbazone of glyoxylic acid**

Huseynova M., Taslimi P., Medjidov A., Farzaliyev V., Aliyeva M., Gondolova G., Sahin O., YALÇIN B., Sujayev A., ORMAN E. B., et al.

POLYHEDRON, cilt.155, ss.25-33, 2018 (SCI-Expanded)

- CCXXXVII. **Antidiabetic and antiparasitic potentials: Inhibition effects of some natural antioxidant compounds on alpha-glycosidase, alpha-amylase and human glutathione S-transferase enzymes**

GÜLÇİN İ., TASLIMI P., Aygun A., SADEGHIAN N., BASTEM E., Kufrevioglu Ö. İ., Turkan F., Sen F.

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.119, ss.741-746, 2018 (SCI-Expanded)

- :CXXXVIII. **Novel sulfamate derivatives of menthol: Synthesis, characterization, and cholinesterases and**

carbonic anhydrase enzymes inhibition properties

Daryadel S., Atmaca U., Taslimi P., Gülçin İ., Çelik M.

ARCHIV DER PHARMAZIE, cilt.351, sa.11, 2018 (SCI-Expanded)

- CCXXXIX. **Diarylmethanon, bromophenol and diarylmethane compounds: Discovery of potent aldose reductase, alpha-amylase and alpha-glycosidase inhibitors as new therapeutic approach in diabetes and functional hyperglycemia**
TASLIMI P., ASLAN H. E., DEMİR Y., ÖZTAŞKIN N., MARAŞ A., GÜLÇİN İ., Beydemir S., GÖKSU S.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.119, ss.857-863, 2018 (SCI-Expanded)
- CCXL. **Synthesis, characterization and crystal structure of 2-(4-hydroxyphenyl)ethyl and 2-(4-nitrophenyl)ethyl Substituted Benzimidazole Bromide Salts: Their inhibitory properties against carbonic anhydrase and acetylcholinesterase**
Behcet A., Cagllar T., Celepci D. B., AKTAŞ A., Taslimi P., GÖK Y., Aygun M., Kaya R., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1170, ss.160-169, 2018 (SCI-Expanded)
- CCXLI. **Some pyrazoles derivatives: Potent carbonic anhydrase, -glycosidase, and cholinesterase enzymes inhibitors**
Turkan F., Cetin A., TASLIMI P., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.351, sa.10, 2018 (SCI-Expanded)
- CCXLII. **Novel amides of 1,1-bis-(carboxymethylthio)-1-arylethanes: Synthesis, characterization, acetylcholinesterase, butyrylcholinesterase, and carbonic anhydrase inhibitory properties**
TASLIMI P., OSMANOVA S., Caglayan C., Turkan F., Sardarova S., Farzaliyev V., Sujayev A., SADEGHIAN N., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.9, 2018 (SCI-Expanded)
- CCXLIII. **Synthesis, crystal structure and biological evaluation of spectroscopic characterization of Ni(II) and Co(II) complexes with N-salicyloil-N-maleoil-hydrazine as anticholinergic and antidiabetic agents**
GONDOLOVA G., TASLIMI P., Medjidov A., Farzaliyev V., Sujayev A., HUSEYNOVA M., Sahin O., YALÇIN B., Turkan F., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.9, 2018 (SCI-Expanded)
- CCXLIV. **Antioxidant Activity of the Aqueous Extract of Iris taochia and Identification of its Chemical Constituents**
AŞKIN H., YILMAZ B., GÜLÇİN İ., TASLIMI P., BAKIRCI S., YILDIZ M., Kandemir N.
INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.80, sa.5, ss.802-812, 2018 (SCI-Expanded)
- CCXLV. **Schiff bases and their amines: Synthesis and discovery of carbonic anhydrase and acetylcholinesterase enzymes inhibitors**
Yigit B., Yigit M., TASLIMI P., Goek Y., Guelcin I.
ARCHIV DER PHARMAZIE, cilt.351, sa.9, 2018 (SCI-Expanded)
- CCXLVI. **Synthesis of novel sulfamides incorporating phenethylamines and determination of their inhibition profiles against some metabolic enzymes**
AKSU K., Akincioglu H., Akincioglu A., Goeksu S., Tuemer F., Guelcin I.
ARCHIV DER PHARMAZIE, cilt.351, sa.9, 2018 (SCI-Expanded)
- CCXLVII. **Characterization and inhibition effects of some metal ions on carbonic anhydrase enzyme from Kangal Akkaraman sheep**
KOÇYİĞİT Ü. M., TASLIMI P., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.8, 2018 (SCI-Expanded)
- CCXLVIII. **Intermolecular amination of allylic and benzylic alcohols leads to effective inhibitions of acetylcholinesterase enzyme and carbonic anhydrase I and II isoenzymes**
Atmaca U., Yıldırım A., Taslimi P., Çelik S. T., Gulcin İ., Supuran C. T., Çelik M.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.8, 2018 (SCI-Expanded)
- CCXLIX. **Novel Benzylic Substituted Imidazolinium, Tetrahydropyrimidinium and Tetrahydrodiazepinium Salts: Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors**
Yigit B., Yigit M., Celepci D. B., GÖK Y., AKTAŞ A., Aygun M., TASLIMI P., GÜLÇİN İ.
CHEMISTRYSELECT, cilt.3, sa.27, ss.7976-7982, 2018 (SCI-Expanded)
- CCL. **meta-Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure**

and carbonic anhydrase, -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties

Turker F., Celepci D. B., AKTAŞ A., TASLIMI P., GÖK Y., Aygun M., GÜLÇİN İ.

ARCHIV DER PHARMAZIE, cilt.351, sa.7, 2018 (SCI-Expanded)

- CCLI. **Antioxidant Activity of Flaxseed (*Linum usitatissimum* L.) shell and Analysis of Its Polyphenol Contents by LC-MS/MS**

Han H., YILMAZ H., GÜLÇİN İ.

RECORDS OF NATURAL PRODUCTS, cilt.12, sa.4, ss.397-402, 2018 (SCI-Expanded)

- CCLII. **Antioxidant and anticholinergic properties of olivetol**

TASLIMI P., GÜLÇİN İ.

JOURNAL OF FOOD BIOCHEMISTRY, cilt.42, sa.3, 2018 (SCI-Expanded)

- CCLIII. **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)

- CCLIV. **Synthesis and discovery of potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and alpha-glycosidase enzymes inhibitors: The novel N,N '-bis-cyanomethylamine and alkoxymethylamine derivatives**

TASLIMI P., Caglayan C., Farzaliyev V., Nabiye O., Sujayev A., Turkan F., KAYA R., GÜLÇİN İ.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.4, 2018 (SCI-Expanded)

- CCLV. **2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, alpha-glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**

Erdemir F., Celepci D. B., AKTAŞ A., TASLIMI P., GÖK Y., Karabiyik H., GÜLÇİN İ.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1155, ss.797-806, 2018 (SCI-Expanded)

- CCLVI. **Purification of glutathione S-transferase enzyme from quail liver tissue and inhibition effects of (3aR,4S,7R,7aS)-2-(4-((E)-3-(aryl)acryloyl)phenyl)-3a,4,7,7a-tetrahydro-1H-4,7-methanoisindole-1,3(2H)-dione derivatives on the enzyme activity**

Temel Y., KOÇYİĞİT Ü. M., Taysi M. S., Gokalp F., Gurdere M. B., Budak Y., Ceylan M., GÜLÇİN İ., Ciftci M.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.3, 2018 (SCI-Expanded)

- CCLVII. **The effects of wireless electromagnetic fields on the activities of carbonic anhydrase and acetylcholinesterase enzymes in various tissues of rats**

KOÇYİĞİT Ü. M., TASLIMI P., Gurses F., SOYLU S., Dastan S. D., GÜLÇİN İ.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.3, 2018 (SCI-Expanded)

- CCLVIII. **The in vivo effects of cefazolin, cefuroxime, and cefoperazon on the carbonic anhydrase in different rat tissues**

Turkan F., Huyut Z., TASLIMI P., GÜLÇİN İ.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.3, 2018 (SCI-Expanded)

- CCLIX. **Synthesis and investigation of the conversion reactions of pyrimidine-thiones with nucleophilic reagent and evaluation of their acetylcholinesterase, carbonic anhydrase inhibition, and antioxidant activities**

TASLIMI P., Sujayev A., Turkan F., Garibov E., Huyut Z., Farzaliyev V., MAMEDOVA S., GÜLÇİN İ.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.2, 2018 (SCI-Expanded)

- CCLX. **Synthesis and biological evaluation of phloroglucinol derivatives possessing α -glycosidase, acetylcholinesterase, butyrylcholinesterase, carbonic anhydrase inhibitory activity.**

BURMAOĞLU S., YILMAZ A. B., Taslimi P., Algul O., Kilic D., GÜLÇİN İ.

Archiv der Pharmazie, cilt.351, sa.2, 2018 (SCI-Expanded)

- CCLXI. **The first synthesis and antioxidant and anticholinergic activities of 1-(4,5-dihydroxybenzyl)pyrrolidin-2-one derivative bromophenols including natural products**

REZAİ M., BAYRAK C., TASLIMI P., GÜLÇİN İ., MENZEK A.

TURKISH JOURNAL OF CHEMISTRY, cilt.42, sa.3, ss.808-841, 2018 (SCI-Expanded)

- CCLXII. **Inhibitory effects of some drugs on carbonic anhydrase enzyme purified from Kangal Akkaraman sheep in Sivas, Turkey**
KOÇYİĞİT Ü. M., Dastan S. D., TASLIMI P., Dastan T., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.1, 2018 (SCI-Expanded)
- CCLXIII. **Novel N-propylphthalimide- and 4-vinylbenzyl-substituted benzimidazole salts: Synthesis, characterization, and determination of their metal chelating effects and inhibition profiles against acetylcholinesterase and carbonic anhydrase enzymes**
Sari Y., AKTAŞ A., Taslimi P., GÖK Y., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.1, 2018 (SCI-Expanded)
- CCLXIV. **Purification and selected biochemical properties of peroxidase from cress (*Lepidium sativum* sub sp *sativum*)**
ALTAY A., Koktepe T., DURMAZ L., Topal F., GÜLÇİN İ., KÖKSAL E.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.21, sa.1, ss.2610-2621, 2018 (SCI-Expanded)
- CCLXV. **Inhibitory effects of selected pesticides on peroxidases purified by affinity chromatography**
KÖKSAL Z., Kalin R., GÜLÇİN İ., ÖZDEMİR H.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.21, sa.1, ss.385-394, 2018 (SCI-Expanded)
- CCLXVI. **Antioxidant activity of an anatolian herbal tea *Origanum minutiflorum*: isolation and characterization of its secondary metabolites**
Elmastas M., Celik S. M., Genc N., Aksit H., Erenler R., GÜLÇİN İ.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.21, sa.1, ss.374-384, 2018 (SCI-Expanded)
- CCLXVII. **Synthesis of chalcone-imide derivatives and investigation of their anticancer and antimicrobial activities, carbonic anhydrase and acetylcholinesterase enzymes inhibition profiles**
KOÇYİĞİT Ü. M., Budak Y., Gurdere M. B., Erturk F., Yencilek B., TASLIMI P., GÜLÇİN İ., Ceylan M.
ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY, cilt.124, sa.1, ss.61-68, 2018 (SCI-Expanded)
- CCLXVIII. **Sulfonamide inhibitors: a patent review 2013-present**
GÜLÇİN İ., TASLIMI P.
EXPERT OPINION ON THERAPEUTIC PATENTS, cilt.28, sa.7, ss.541-549, 2018 (SCI-Expanded)
- CCLXIX. **The toxicological effects of some avermectins on goat liver carbonic anhydrase enzyme**
Caglayan C., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.1, 2018 (SCI-Expanded)
- CCLXX. **Synthesis of some novel pyridine compounds containing bis-1,2,4-triazole/thiosemicarbazide moiety and investigation of their antioxidant properties, carbonic anhydrase, and acetylcholinesterase enzymes inhibition profiles**
Bulut N., KOÇYİĞİT Ü. M., Gecibesler I. H., Dastan T., Karci H., Taslimi P., Dastan S. D., GÜLÇİN İ., Cetin A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.32, sa.1, 2018 (SCI-Expanded)
- CCLXXI. **Synthesis of 2-amino-3-cyanopyridine derivatives and investigation of their carbonic anhydrase inhibition effects**
Altundas A., Gul B., ÇANKAYA M., ATASEVER A., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.12, 2017 (SCI-Expanded)
- CCLXXII. **Synthesis and Carbonic Anhydrase Inhibition of Tetrabromo Chalcone Derivatives.**
KOÇYİĞİT Ü. M., Budak Y., ELİGÜZEL F., TASLIMI P., Kilic D., GÜLÇİN İ., Ceylan M.
Archiv der Pharmazie, cilt.350, sa.12, 2017 (SCI-Expanded)
- CCLXXIII. **Microwave-assisted synthesis and bioevaluation of new sulfonamides.**
GUL H. İ., YAMALI C., YESILYURT F., SAKAGAMI H., KUCUKOGLU K., GÜLÇİN İ., Gul M., SUPURAN C.
Journal of enzyme inhibition and medicinal chemistry, cilt.32, ss.369-374, 2017 (SCI-Expanded)
- CCLXXIV. **The impact of some natural phenolic compounds on carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and -glycosidase enzymes: An antidiabetic, anticholinergic, and antiepileptic study**
TASLIMI P., Caglayan C., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.12, 2017 (SCI-Expanded)

- CCLXXV. **Inhibitory effects of oxytocin and oxytocin receptor antagonist atosiban on the activities of carbonic anhydrase and acetylcholinesterase enzymes in the liver and kidney tissues of rats**
KOÇYİĞİT Ü. M., Taskiran A. S., TASLIMI P., YOKUŞ A., Temel Y., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.11, 2017 (SCI-Expanded)
- CCLXXVI. **Inhibition Effects of Some Lignans on Carbonic Anhydrase, Acetylcholinesterase and Butyrylcholinesterase Enzymes**
KOSE L. P., GÜLÇİN İ.
RECORDS OF NATURAL PRODUCTS, cilt.11, sa.6, ss.558-561, 2017 (SCI-Expanded)
- CCLXXVII. **Investigation of acetylcholinesterase and mammalian DNA topoisomerases, carbonic anhydrase inhibition profiles, and cytotoxic activity of novel bis(-aminoalkyl)phosphinic acid derivatives against human breast cancer**
Dastan T., KOÇYİĞİT Ü. M., Dastan S. D., Kilickaya P. C., TASLIMI P., Cevik O., Koparir M., Orek C., GÜLÇİN İ., Cetin A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.11, 2017 (SCI-Expanded)
- :CLXXVIII. **Synephrine and phenylephrine act as -amylase, -glycosidase, acetylcholinesterase, butyrylcholinesterase, and carbonic anhydrase enzymes inhibitors**
TASLIMI P., Akincioglu H., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.11, 2017 (SCI-Expanded)
- CCLXXIX. **Synthesis, molecular modeling, and biological evaluation of 4-[5-(aryl-3-(thiophen-2-yl))-2,5-dihydro-1H-pyrazol-1-yl]benzenesulfonamides toward acetylcholinesterase, carbonic anhydrase I and II enzymes**
YAMALI C., GÜL H. İ., Ece A., TASLIMI P., GULCIN I.
CHEMICAL BIOLOGY & DRUG DESIGN, cilt.1, sa.1, ss.1, 2017 (SCI-Expanded)
- CCLXXX. **EFFECT OF P-COUMARIC ACID AGAINST OXIDATIVE STRESS INDUCED BY CISPLATIN IN BRAIN TISSUE OF RATS**
Ekinci-Akdemir F. N., GÜLÇİN İ., GÜRSUL C., Alwasel S. H., BAYIR Y.
JOURNAL OF ANIMAL AND PLANT SCIENCES, cilt.27, sa.5, ss.1560-1564, 2017 (SCI-Expanded)
- CCLXXXI. **Antidiabetic potential: in vitro inhibition effects of some natural phenolic compounds on -glycosidase and -amylase enzymes**
TASLIMI P., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.10, 2017 (SCI-Expanded)
- CCLXXXII. **Therapeutic effects of silymarin and naringin on methotrexate-induced nephrotoxicity in rats: Biochemical evaluation of anti-inflammatory, antiapoptotic, and antiautophagic properties**
Kandemir F. M., Kucukler S., Caglayan C., Gür C., Batıl A. A., Gülçin İ.
Journal of Food Biochemistry, cilt.41, 2017 (SCI-Expanded)
- :CLXXXIII. **Novel antioxidant bromophenols with acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase inhibitory actions**
ÖZTAŞKIN N., TASLIMI P., MARAŞ A., GÜLÇİN İ., GÖKSU S.
BIOORGANIC CHEMISTRY, cilt.74, ss.104-114, 2017 (SCI-Expanded)
- :CLXXXIV. **The synthesis of novel sulfamides derived from beta-benzylphenethylamines as acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase enzymes inhibitors**
AKINCIÖĞLU A., KOCAMAN E., Akincioglu H., Salmas R. E., Durdagi S., GÜLÇİN İ., SUPURAN C. T., GÖKSU S.
BIOORGANIC CHEMISTRY, cilt.74, ss.238-250, 2017 (SCI-Expanded)
- CCLXXXV. **The inhibition effects of some natural products on lactoperoxidase purified from bovine milk**
KÖKSAL Z., KALIN R., GERNİ S., GÜLÇİN İ., ÖZDEMİR H.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.9, 2017 (SCI-Expanded)
- :CLXXXVI. **Inhibition properties of some flavonoids on carbonic anhydrase I and II isoenzymes purified from human erythrocytes**
Huyut Z., Beydemir S., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.9, 2017 (SCI-Expanded)
- CLXXXVII. **Discovery of potent carbonic anhydrase, acetylcholinesterase, and butyrylcholinesterase enzymes inhibitors: The new amides and thiazolidine-4-ones synthesized on an acetophenone base**

- TASLIMI P., OSMANOVA S., GÜLÇİN İ., SARDAROVA S., FARZALIYEV V., SUJAYEV A., KAYA R., KOC F., Beydemir S., ALWASEL S. H., et al.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.9, 2017 (SCI-Expanded)
- LXXXVIII. **Evaluation of acetylcholinesterase and carbonic anhydrase inhibition profiles of 1,2,3,4,6-pentasubstituted-4-hydroxy-cyclohexanes**
KOÇYİĞİT Ü. M., TASLIMI P., GEZEĞEN H., GÜLÇİN İ., Ceylan M.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.9, 2017 (SCI-Expanded)
- CLXXXIX. **Phenolic compounds inhibit the aldose reductase enzyme from the sheep kidney**
DEMİR Y., Isik M., GÜLÇİN İ., Beydemir S.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.9, 2017 (SCI-Expanded)
- CCXC. **Synthesis of 3-chloro-1-substituted aryl pyrrolidine-2,5-dione derivatives: discovery of potent human carbonic anhydrase inhibitors**
OKTAY K., KOSE L. P., Sendil K., GÜLTEKİN M. S., GÜLÇİN İ.
MEDICINAL CHEMISTRY RESEARCH, cilt.26, sa.8, ss.1619-1627, 2017 (SCI-Expanded)
- CCXCI. **Synthesis of new cyclic thioureas and evaluation of their metal-chelating activity, acetylcholinesterase, butyrylcholinesterase, and carbonic anhydrase inhibition profiles**
TASLIMI P., SUJAYEV A., Garibov E., Nazarov N., Huyut Z., ALWASEL S. H., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.7, 2017 (SCI-Expanded)
- CCXCII. **The first synthesis of 4-phenylbutenone derivative bromophenols including natural products and their inhibition profiles for carbonic anhydrase, acetylcholinesterase and butyrylcholinesterase enzymes**
BAYRAK C., TASLIMI P., GÜLÇİN İ., MENZEK A.
BIOORGANIC CHEMISTRY, cilt.72, ss.359-366, 2017 (SCI-Expanded)
- CCXCIII. **Antioxidant activity and phenolic compounds of ginger (*Zingiber officinale* Rosc.) determined by HPLC-MS/MS**
Tohma H., GÜLÇİN İ., Bursal E., GÖREN A. C., ALWASEL S. H., KÖKSAL E.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, cilt.11, sa.2, ss.556-566, 2017 (SCI-Expanded)
- CCXCIV. **Novel NHC Precursors: Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties**
AKTAŞ A., TASLIMI P., GÜLÇİN İ., GÖK Y.
ARCHIV DER PHARMAZIE, cilt.350, sa.6, 2017 (SCI-Expanded)
- CCXCV. **Secondary Sulfonamides as Effective Lactoperoxidase Inhibitors**
KÖKSAL Z., KALIN R., Camadan Y., Usanmaz H., Almaz Z., GÜLÇİN İ., GÖKCEN T., GÖREN A. C., ÖZDEMİR H.
MOLECULES, cilt.22, sa.6, 2017 (SCI-Expanded)
- CCXCVI. **Synthesis, carbonic anhydrase I and II isoenzymes inhibition properties, and antibacterial activities of novel tetralone-based 1,4-benzothiazepine derivatives**
Ceylan M., KOÇYİĞİT Ü. M., Usta N. C., Gurbuzlu B., Temel Y., ALWASEL S. H., Gulcin I.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.31, sa.4, 2017 (SCI-Expanded)
- CCXCVII. **Oxidative stress and mRNA expression of acetylcholinesterase in the leukocytes of ischemic patients**
Isik M., Beydemir S., YILMAZ A., NALDAN M. E., ASLAN H. E., GÜLÇİN İ.
BIOMEDICINE & PHARMACOTHERAPY, cilt.87, ss.561-567, 2017 (SCI-Expanded)
- CCXCVIII. **Evaluation of Phenolic Contents and Bioactivity of Root and Nutgall Extracts from Iraqi Quercus infectoria Olivier**
HAMAD H. O., Alma M. H., GÜLÇİN İ., Yilmaz M. A., Karaogul E.
RECORDS OF NATURAL PRODUCTS, cilt.11, sa.2, ss.205-210, 2017 (SCI-Expanded)
- CCXCIX. **Carbonic anhydrase inhibitory properties of phenolic sulfonamides derived from dopamine related compounds**
GOCER H., AKINCIOGLU A., GÖKSU S., GÜLÇİN İ.
ARABIAN JOURNAL OF CHEMISTRY, cilt.10, sa.3, ss.398-402, 2017 (SCI-Expanded)
- CCC. **Synthesis, characterization, anticancer, antimicrobial and carbonic anhydrase inhibition profiles of novel (3aR,4S,7R,7aS)-2-(4-((E)-3-(3-aryl)acryloyl) phenyl)-3a,4,7,7a-tetrahydro-1H-4,7-**

methanoisoindole-1,3(2H)-dione derivatives

KOÇYİĞİT Ü. M., Budak Y., Gurdere M. B., Tekin S., Koprulu T. K., Erturk F., Ozcan K., GÜLÇİN İ., Ceylan M.
BIOORGANIC CHEMISTRY, cilt.70, ss.118-125, 2017 (SCI-Expanded)

- CCCI. **Antioxidant activity and polyphenol content of Turkish thyme (*Thymus vulgaris*) monitored by liquid chromatography and tandem mass spectrometry**
KÖKSAL E., Bursal E., GÜLÇİN İ., KORKMAZ M., CAGLAYAN C., GOREN A. C., ALWASEL S. H.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.20, sa.3, ss.514-525, 2017 (SCI-Expanded)
- CCCII. **Synthesis and bioactivity of several new hetaryl sulfonamides**
TASLIMI P., SUJAYEV A., MAMEDOVA S., KALIN P., GÜLÇİN İ., SADEGHIAN N., Beydemir S., KÜFREVİOĞLU Ö. İ., ALWASEL S. H., FARZALIYEV V., et al.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.32, sa.1, ss.137-145, 2017 (SCI-Expanded)
- CCCIII. **INVESTIGATION OF INHIBITORY EFFECT OF HUMIC ACID ON ACETYLCHOLINESTERASE AND BUTYRYLCHOLINESTERASE ENZYMES**
Akincioglu H., GÜLÇİN İ., ALWASEL S. H.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.26, sa.6, ss.3733-3739, 2017 (SCI-Expanded)
- CCCIV. **Synthesis and biological evaluation of aminomethyl and alkoxymethyl derivatives as carbonic anhydrase, acetylcholinesterase and butyrylcholinesterase inhibitors**
GÜLÇİN İ., Abbasova M., TASLIMI P., Huyut Z., Safarova L., Sujayev A., Farzaliyev V., Beydemir S., Alwasel S. H., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.32, sa.1, ss.1174-1182, 2017 (SCI-Expanded)
- CCCV. **Purification, characterization and selected inhibition properties of peroxidase from haricot bean (*Phaseolus vulgaris* L.)**
Koktepe T., Altin S., Tohma H., GÜLÇİN İ., KÖKSAL E.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.20, ss.1944-1953, 2017 (SCI-Expanded)
- CCCVI. **Synthesis of Mannich Bases by Two Different Methods and Evaluation of their Acetylcholine Esterase and Carbonic Anhydrase Inhibitory Activities**
GÜL H. İ., DEMIRTAS A., UCAR G., TASLIMI P., GÜLÇİN İ.
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.14, sa.5, ss.573-580, 2017 (SCI-Expanded)
- CCCVII. **Synthesis, carbonic anhydrase I and II inhibition studies of the 1,3,5-trisubstituted-pyrazolines**
GÜL H. İ., METE E., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.32, sa.1, ss.189-192, 2017 (SCI-Expanded)
- CCCVIII. **Purification, characterization, and inhibition sensitivity of peroxidase from wheat (*Triticum aestivum* ssp *vulgare*)**
Altin S., Tohma H., GÜLÇİN İ., KÖKSAL E.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.20, sa.9, ss.1949-1959, 2017 (SCI-Expanded)
- CCCIX. **Synthesis and investigation of antibacterial activities and carbonic anhydrase and acetylcholinesterase inhibition profiles of novel 4,5-dihydropyrazol and pyrazolyl-thiazole derivatives containing methanoisoindol-1,3-dione unit**
Budak Y., KOÇYİĞİT Ü. M., Gurdere M. B., Ozcan K., TASLIMI P., GÜLÇİN İ., Ceylan M.
SYNTHETIC COMMUNICATIONS, cilt.47, sa.24, ss.2313-2323, 2017 (SCI-Expanded)
- CCCX. **Novel eugenol derivatives: Potent acetylcholinesterase and carbonic anhydrase inhibitors**
Topal F., GÜLÇİN İ., DAŞTAN A., Guney M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.94, ss.845-851, 2017 (SCI-Expanded)
- CCCXI. **Antioxidant Activity, Acetylcholinesterase, and Carbonic Anhydrase Inhibitory Properties of Novel Ureas Derived from Phenethylamines**
Aksu K., Ozgeris B., TASLIMI P., NADERI A., GÜLÇİN İ., GÖKSU S.
ARCHIV DER PHARMAZIE, cilt.349, sa.12, ss.944-954, 2016 (SCI-Expanded)
- CCCXII. **Synthesis of 4,5-disubstituted-2-thioxo-1,2,3,4-tetrahydropyrimidines and investigation of their acetylcholinesterase, butyrylcholinesterase, carbonic anhydrase I/II inhibitory and antioxidant activities**
Garibov E., TASLIMI P., SUJAYEV A., BINGOL Z., CETINKAYA S., GÜLÇİN İ., Beydemir S., FARZALIYEV V., ALWASEL S.

- H., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.1-9, 2016 (SCI-Expanded)
- CCCXIII. **Synthesis and Carbonic Anhydrase Inhibition of Novel 2-(4-(Aryl)thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-methanoisindole-1,3(2H)-dione Derivatives**
KOÇYİĞİT Ü. M., Aslan O. N., GÜLÇİN İ., Temel Y., Ceylan M.
ARCHIV DER PHARMAZIE, cilt.349, sa.12, ss.955-963, 2016 (SCI-Expanded)
- CCCXIV. **A class of sulfonamides as carbonic anhydrase I and II inhibitors**
GOKCEN T., GÜLÇİN İ., OZTURK T., GOREN A. C.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.180-188, 2016 (SCI-Expanded)
- CCCXV. **Synthesis of diaryl ethers with acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase inhibitory actions**
OZBEY F., TASLIMI P., GÜLÇİN İ., MARAŞ A., Goksu S., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.79-85, 2016 (SCI-Expanded)
- CCCXVI. **Synthesis and carbonic anhydrase inhibitory activities of new thienyl-substituted pyrazoline benzenesulfonamides**
METE E., COMEZ B., GÜL H. İ., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.1-5, 2016 (SCI-Expanded)
- CCCXVII. **RP-HPLC/MS/MS Analysis of the Phenolic Compounds, Antioxidant and Antimicrobial Activities of Salvia L. Species**
Tohma H., KÖKSAL E., Kilic O., Alan Y., Yilmaz M. A., GÜLÇİN İ., Bursal E., ALWASEL S. H.
ANTIOXIDANTS, cilt.5, sa.4, 2016 (SCI-Expanded)
- CCCXVIII. **The synthesis of some beta-lactams and investigation of their metal-chelating activity, carbonic anhydrase and acetylcholinesterase inhibition profiles**
TURAN B., SENDİL K., ŞENGÜL E., GÜLTEKİN M. S., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.79-88, 2016 (SCI-Expanded)
- CCCXIX. **Protective effect of Naringin on experimental hindlimb ischemia/reperfusion injury in rats**
GÜRSUL C., Akdemir F. N. E., Akkoyun T., Can I., GÜL M., GÜLÇİN İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.56-61, 2016 (SCI-Expanded)
- CCCXX. **Quercetin protects rat skeletal muscle from ischemia reperfusion injury**
Akdemir F. N. E., Guelcin I., Karagoz B., SOSLU R.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.162-166, 2016 (SCI-Expanded)
- CCCXXI. **Synthesis of Some Novel Norbornene-Fused Pyridazines as Potent Inhibitors of Carbonic Anhydrase and Acetylcholinesterase**
KOC AK R., AKIN E. T., KALIN P., Talaz O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ., Durdagi S.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.53, sa.6, ss.2049-2056, 2016 (SCI-Expanded)
- CCCXXII. **Discovery of Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors: 2-Aminoindan beta-Lactam Derivatives**
Genc H., Kalin R., KÖKSAL Z., SADEGHIAN N., KOÇYİĞİT Ü. M., Zengin M., GÜLÇİN İ., Ozdemir H.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, cilt.17, sa.10, 2016 (SCI-Expanded)
- CCCXXIII. **Impact of Some Avermectins on Lactoperoxidase in Bovine Milk**
Koksal Z., KALIN R., GÜLÇİN İ., ÖZDEMİR H., ATASEVER A.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.19, sa.6, ss.1207-1216, 2016 (SCI-Expanded)
- CCCXXIV. **Effects of artificial lighting on bioactivity of sweet red pepper (Capsicum annum L.)**
Bae J., Park Y., Namiesnik J., GÜLÇİN İ., Kim T., Kim H., Heo B., Gorinstein S., Ku Y.
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, cilt.51, sa.6, ss.1378-1385, 2016 (SCI-Expanded)
- CCCXXV. **9,10-Dibromo-N-aryl-9,10-dihydro-9,10-[3,4]epipyrrroloanthracene-12,14-diones: Synthesis and Investigation of Their Effects on Carbonic Anhydrase Isozymes I, II, IX, and XII**
Goksu H., Topal M., KESKIN A., GÜLTEKİN M. S., ÇELİK M., GÜLÇİN İ., Tanç M., SUPURAN C. T.
ARCHIV DER PHARMAZIE, cilt.349, sa.6, ss.466-474, 2016 (SCI-Expanded)
- CCCXXVI. **Purification and characterization of the carbonic anhydrase enzyme from Black Sea trout (Salmo**

trutta Labrax Coruhensis) kidney and inhibition effects of some metal ions on enzyme activity
KUCUK M., GÜLÇİN İ.

ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, cilt.44, ss.134-139, 2016 (SCI-Expanded)

- CCCXXVII. **Acetylcholinesterase and carbonic anhydrase inhibitory properties of novel urea and sulfamide derivatives incorporating dopaminergic 2-aminotetralin scaffolds**

Ozgeris B., GÖKSU S., KOSE L. P., GÜLÇİN İ., Salmas R. E., Durdagi S., Tumer F., Supuran C. T.

BIOORGANIC & MEDICINAL CHEMISTRY, cilt.24, sa.10, ss.2318-2329, 2016 (SCI-Expanded)

- :CCXXVIII. **Spirobisnaphthalenes effectively inhibit carbonic anhydrase**

Gocer H., Aslan A., GÜLÇİN İ., SUPURAN C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.3, ss.503-507, 2016 (SCI-Expanded)

- CCCXXIX. **Acetylcholinesterase and carbonic anhydrase isoenzymes I and II inhibition profiles of taxifolin**

Gocer H., Topal F., Topal M., KUCUK M., TEKE D., GÜLÇİN İ., ALWASEL S. H., SUPURAN C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.3, ss.441-447, 2016 (SCI-Expanded)

- CCCXXX. **Synthesis of 4-[2-(3,4-dimethoxybenzyl)cyclopentyl]-1,2-dimethoxybenzene Derivatives and Evaluations of Their Carbonic Anhydrase Isoenzymes Inhibitory Effects**

ARTUNC T., ÇETİNKAYA Y., GOCER H., GÜLÇİN İ., MENZEK A., ŞAHİN E., SUPURAN C. T.

CHEMICAL BIOLOGY & DRUG DESIGN, cilt.87, sa.4, ss.594-607, 2016 (SCI-Expanded)

- CCCXXXI. **Antioxidant, antiradical, and anticholinergic properties of cynarin purified from the Illyrian thistle (Onopordum illyricum L.)**

Topal M., Gocer H., Topal F., KALIN P., KOSE L. P., GÜLÇİN İ., ÇAKMAK K. C., KUCUK M., DURMAZ L., GOREN A. C., et al.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.2, ss.266-275, 2016 (SCI-Expanded)

- CCCXXXII. **The human carbonic anhydrase isoenzymes I and II (hCA I and II) inhibition effects of trimethoxyindane derivatives**

TASLIMI P., GÜLÇİN İ., ÖZGERİŞ B., GÖKSU S., Tumer F., ALWASEL S. H., SUPURAN C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.1, ss.152-157, 2016 (SCI-Expanded)

- :CCXXXIII. **Synthesis of 4-(2-substituted hydrazinyl)benzenesulfonamides and their carbonic anhydrase inhibitory effects**

Gül H. İ., Kucukoglu K., Yamalı C., Bilginer S., Yuca H., Ozturk I., Taslimi P., Gülçin İ., Supuran C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.568-573, 2016 (SCI-Expanded)

- :CCXXXIV. **Rosmarinic acid inhibits some metabolic enzymes including glutathione S-transferase, lactoperoxidase, acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase isoenzymes**

GÜLÇİN İ., Scozzafava A., SUPURAN C. T., Koksall Z., Turkan F., ÇETİNKAYA S., BINGOL Z., Huyut Z., ALWASEL S. H.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1698-1702, 2016 (SCI-Expanded)

- CCCXXXV. **Synthesis, cytotoxicity and carbonic anhydrase inhibitory activities of new pyrazolines**

Kucukoglu K., ORAL F., AYDIN T., YAMALI C., Algul O., Sakagami H., GÜLÇİN İ., SUPURAN C. T., GÜL H. İ.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.20-24, 2016 (SCI-Expanded)

- :CCXXXVI. **Inhibitory effects of some phenolic compounds on the activities of carbonic anhydrase: from in vivo to ex vivo**

Huyut Z., Beydemir S., GÜLÇİN İ.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1234-1240, 2016 (SCI-Expanded)

- CCXXXVII. **Synthesis of N-alkyl (aryl)-tetra pyrimidine thiones and investigation of their human carbonic anhydrase I and II inhibitory effects**

SUJAYEV A., KOSE L. P., Garibov E., GÜLÇİN İ., Farzaliev V., ALWASEL S. H., SUPURAN C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1192-1197, 2016 (SCI-Expanded)

- :CCXXXVIII. **Synthesis of some tetrahydropyrimidine-5-carboxylates, determination of their metal chelating effects and inhibition profiles against acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase**

SUJAYEV A., Garibov E., TASLIMI P., GÜLÇİN İ., Gojayeva S., FARZALIYEV V., ALWASEL S. H., SUPURAN C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1531-1539, 2016 (SCI-Expanded)

- :CCXXXIX. **Inhibitory effects of isatin Mannich bases on carbonic anhydases, acetylcholinesterase, and**

butyrylcholinesterase

Ozgun D. O., Yamalı C., Gül H. İ., Tashlımı P., Gülçin İ., Yanık T., Supuran C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1498-1501, 2016 (SCI-Expanded)

- CCCXL. **The human carbonic anhydrase isoenzymes I and II inhibitory effects of some hydroperoxides, alcohols, and acetates**
Kose L. P., Gülçin İ., Yıldırım A., Atmaca U., Çelik M., Alwaseel S. H., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1248-1253, 2016 (SCI-Expanded)
- CCCXLI. **Purification and characterization of dihydropyrimidine dehydrogenase enzyme from sheep liver and determination of the effects of some anaesthetic and antidepressant drugs on the enzyme activity**
Camadan Y., ÖZDEMİR H., GÜLÇİN İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1335-1341, 2016 (SCI-Expanded)
- CCCXLII. **The effects of some avermectins on bovine carbonic anhydrase enzyme**
KOSE L. P., GÜLÇİN İ., ÖZDEMİR H., ATASEVER A., ALWASEL S. H., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.5, ss.773-778, 2016 (SCI-Expanded)
- CCCXLIII. **Synthesis and bioactivity studies on new 4-(3-(4-Substitutedphenyl)-3a,4-dihydro-3H-indeno[1,2-c]pyrazol-2-yl) benzenesulfonamides**
GÜL H. İ., TUĞRAK M., Sakagami H., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1619-1624, 2016 (SCI-Expanded)
- CCCXLIV. **Antioxidant activity of taxifolin: an activity-structure relationship**
Topal F., Nar M., Gocer H., KALIN P., KOCYIGIT U. M., GÜLÇİN İ., ALWASEL S. H.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.4, ss.674-683, 2016 (SCI-Expanded)
- CCCXLV. **The effect of caffeic acid phenethyl ester (CAPE) on metabolic enzymes including acetylcholinesterase, butyrylcholinesterase, glutathione S-transferase, lactoperoxidase, and carbonic anhydrase isoenzymes I, II, IX, and XII**
GÜLÇİN İ., Scozzafava A., SUPURAN C. T., Akincioglu H., Koksall Z., Turkan F., Alwaseel S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1095-1101, 2016 (SCI-Expanded)
- CCCXLVI. **Synthesis and inhibitory properties of some carbamates on carbonic anhydrase and acetylcholine esterase**
YILMAZ S., AKBABA Y., ÖZGERİŞ B., KOSE L. P., GÖKSU S., GÜLÇİN İ., ALWASEL S. H., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1484-1491, 2016 (SCI-Expanded)
- CCCXLVII. **A comparative study on the antioxidant effects of hesperidin and ellagic acid against skeletal muscle ischemia/reperfusion injury**
Akdemir F. N. E., GÜLÇİN İ., Karagoz B., Soslu R., ALWASEL S. H.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.114-118, 2016 (SCI-Expanded)
- CCCXLVIII. **The synthesis of (Z)-4-oxo-4-(arylamino)but-2-enoic acids derivatives and determination of their inhibition properties against human carbonic anhydrase I and II isoenzymes**
OKTAY K., KOSE L. P., Sendil K., GÜLTEKİN M. S., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.939-945, 2016 (SCI-Expanded)
- CCCXLIX. **The effects of some bromophenols on human carbonic anhydrase isoenzymes**
TASLIMI P., GÜLÇİN İ., OZTASKIN N., ÇETİNKAYA Y., GÖKSU S., Alwaseel S. H., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.4, ss.603-607, 2016 (SCI-Expanded)
- CCCL. **Purification and Characterization of Polyphenol Oxidase from Hemsin Apple (*Malus communis* L.)**
AYDIN B., GÜLÇİN İ., ALWASEL S. H.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.18, sa.12, ss.2735-2745, 2015 (SCI-Expanded)
- CCCLI. **LC-MS/MS analysis, antioxidant and anticholinergic properties of galanga (*Alpinia officinarum* Hance) rhizomes**
KOSE L. P., GÜLÇİN İ., GOREN A. C., Namiesnik J., Leticia Martinez-Ayala A., Gorinstein S.
INDUSTRIAL CROPS AND PRODUCTS, cilt.74, ss.712-721, 2015 (SCI-Expanded)
- CCCLII. **Carbonic anhydrase inhibitors: guaiacol and catechol derivatives effectively inhibit certain human carbonic anhydrase isoenzymes (hCA I, II, IX and XII)**
Scozzafava A., Passaponti M., SUPURAN C. T., GÜLÇİN İ.

- JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.30, sa.4, ss.586-591, 2015 (SCI-Expanded)
- CCCLIII. **Discovery of potent carbonic anhydrase and acetylcholine esterase inhibitors: Novel sulfamoylcarbamates and sulfamides derived from acetophenones**
Akincioglu A., Akincioglu H., GÜLÇİN İ., Durdagi S., SUPURAN C. T., GÖKSU S.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.23, sa.13, ss.3592-3602, 2015 (SCI-Expanded)
- CCCLIV. **Acetylcholinesterase Inhibitory and Antioxidant Activities of Novel Symmetric Sulfamides Derived from Phenethylamines**
AKSU K., TOPAL F., GÜLÇİN İ., Tumer F., GÖKSU S.
ARCHIV DER PHARMAZIE, cilt.348, sa.6, ss.446-455, 2015 (SCI-Expanded)
- CCCLV. **Antioxidant and acetylcholinesterase inhibition properties of novel bromophenol derivatives**
OZTASKIN N., ÇETİNKAYA Y., TASLIMI P., GÖKSU S., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, cilt.60, ss.49-57, 2015 (SCI-Expanded)
- CCCLVI. **Inhibition profile of a series of phenolic acids on bovine lactoperoxidase enzyme**
Sarıkaya S. B. O., ŞİŞECİOĞLU M., ÇANKAYA M., GÜLÇİN İ., ÖZDEMİR H.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.30, sa.3, ss.479-483, 2015 (SCI-Expanded)
- CCCLVII. **N-Acylsulfonamides strongly inhibit human carbonic anhydrase isoenzymes I and II**
Yıldırım A., Atmaca U., Keskin A., Topal M., Çelik M., Gülçin İ., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.23, sa.10, ss.2598-2605, 2015 (SCI-Expanded)
- CCCLVIII. **Pistachio (*Pistacia vera* L.) Gum: a potent inhibitor of reactive oxygen species**
SEHITOĞLU M. H., HAN H., KALIN P., GÜLÇİN İ., Ozkan A., Aboul-Enein H. Y.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.30, sa.2, ss.264-269, 2015 (SCI-Expanded)
- CCCLIX. **Carbonic anhydrase and acetylcholinesterase inhibitory effects of carbamates and sulfamoylcarbamates**
Gocer H., Akincioglu A., GÖKSU S., GÜLÇİN İ., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.30, sa.2, ss.316-320, 2015 (SCI-Expanded)
- CCCLX. **Antioxidant capacity and functionality of oleaster (*Elaeagnus angustifolia* L.) flour and crust in a new kind of fruity ice cream**
ÇAKMAKÇI S., TOPDAŞ E. F., KALIN P., HAN H., SEKERCİ P., KOSE L. P., GÜLÇİN İ.
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, cilt.50, sa.2, ss.472-481, 2015 (SCI-Expanded)
- CCCLXI. **Synthesis and Carbonic Anhydrase Isoenzymes I, II, IX, and XII Inhibitory Effects of Dimethoxybromophenol Derivatives Incorporating Cyclopropane Moieties**
BOZTAS M., ÇETİNKAYA Y., TOPAL M., GÜLÇİN İ., MENZEK A., ŞAHİN E., TANC M., SUPURAN C. T.
JOURNAL OF MEDICINAL CHEMISTRY, cilt.58, sa.2, ss.640-650, 2015 (SCI-Expanded)
- CCCLXII. **Determination of Antioxidant Properties of *Gypsophila bitlisensis* Bark**
Isik M., KORKMAZ M., Bursal E., GÜLÇİN İ., KÖKSAL E., Tohma H.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, cilt.11, sa.4, ss.366-371, 2015 (SCI-Expanded)
- CCCLXIII. **The impact of hydroquinone on acetylcholine esterase and certain human carbonic anhydrase isoenzymes (hCA I, II, IX, and XII)**
Scozzafava A., KALIN P., SUPURAN C. T., GÜLÇİN İ., ALWASEL S. H.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.30, sa.6, ss.941-946, 2015 (SCI-Expanded)
- CCCLXIV. **Antioxidant Activity and Polyphenol Content of Cranberries (*Vaccinium macrocarpon*)**
KALIN P., Gulcin I., GOREN A. C.
RECORDS OF NATURAL PRODUCTS, cilt.9, sa.4, ss.496-502, 2015 (SCI-Expanded)
- CCCLXV. **Synthesis and Carbonic Anhydrase Inhibitory Effects of Novel Sulfamides Derived from 1-Aminoindanes and Anilines**
Akbaba Y., BASTEM E., TOPAL F., GÜLÇİN İ., MARAŞ A., GÖKSU S.
ARCHIV DER PHARMAZIE, cilt.347, sa.12, ss.950-957, 2014 (SCI-Expanded)
- CCCLXVI. **Carbonic anhydrase inhibitory properties of novel benzylsulfamides using molecular modeling and experimental studies**
GÖKSU S., NADERİ A., Akbaba Y., KALIN P., Akincioglu A., GÜLÇİN İ., Durdagi S., Salmas R. E.
BIOORGANIC CHEMISTRY, cilt.56, ss.75-82, 2014 (SCI-Expanded)

- CCCLXVII. **Oxidation of cyanobenzocycloheptatrienes: Synthesis, photooxygenation reaction and carbonic anhydrase isoenzymes inhibition properties of some new benzotropone derivatives**
Guney M., Coskun A., TOPAL F., DAŞTAN A., GÜLÇİN İ., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.22, sa.13, ss.3537-3543, 2014 (SCI-Expanded)
- :CCLXVIII. **Capsaicin: A Potent Inhibitor of Carbonic Anhydrase Isoenzymes**
ARABACI B., GÜLÇİN İ., Alwasel S.
MOLECULES, cilt.19, sa.7, ss.10103-10114, 2014 (SCI-Expanded)
- CCCLXIX. **Synthesis and Carbonic Anhydrase Isoenzymes Inhibitory Effects of Brominated Diphenylmethanone and Its Derivatives**
ÇETİNKAYA Y., Gocer H., GÜLÇİN İ., MENZEK A.
ARCHIV DER PHARMAZIE, cilt.347, sa.5, ss.354-359, 2014 (SCI-Expanded)
- CCCLXX. **Synthesis and carbonic anhydrase isoenzymes I and II inhibitory effects of novel benzylamine derivatives**
ÇETİNKAYA Y., Gocer H., GÖKSU S., GÜLÇİN İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.29, sa.2, ss.168-174, 2014 (SCI-Expanded)
- CCCLXXI. **Carbonic anhydrase inhibitory properties of novel sulfonamide derivatives of aminoindanes and aminotetralins**
AKBABA Y., AKINCIOĞLU A., GOCER H., GÖKSU S., GÜLÇİN İ., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.29, sa.1, ss.35-42, 2014 (SCI-Expanded)
- CCCLXXII. **Novel Sulphamides and Sulphonamides Incorporating the Tetralin Scaffold as Carbonic Anhydrase and Acetylcholine Esterase Inhibitors**
Akincioglu A., TOPAL M., Guelcin I., GOEKSU S.
ARCHIV DER PHARMAZIE, cilt.347, sa.1, ss.68-76, 2014 (SCI-Expanded)
- :CCLXXIII. **Rosmarinic acid: a potent carbonic anhydrase isoenzymes inhibitor**
TOPAL M., GÜLÇİN İ.
TURKISH JOURNAL OF CHEMISTRY, cilt.38, sa.5, ss.894-902, 2014 (SCI-Expanded)
- :CCLXXIV. **Synthesis, Antioxidant, and Antiacetylcholinesterase Activities of Sulfonamide Derivatives of Dopamine-Related Compounds**
Gocer H., Akincioglu A., OZTASKIN N., GÖKSU S., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.346, sa.11, ss.783-792, 2013 (SCI-Expanded)
- CCCLXXV. **Synthesis and carbonic anhydrase inhibitory properties of sulfamides structurally related to dopamine**
AKSU K., NAR M., Tanc M., Vullo D., GÜLÇİN İ., GÖKSU S., Tumer F., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.21, sa.11, ss.2925-2931, 2013 (SCI-Expanded)
- :CCLXXVI. **(3,4-Dihydroxyphenyl)(2,3,4-trihydroxyphenyl)methanone and its derivatives as carbonic anhydrase isoenzymes inhibitors**
NAR M., ÇETİNKAYA Y., GÜLÇİN İ., MENZEK A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.28, sa.2, ss.402-406, 2013 (SCI-Expanded)
- CCLXXVII. **Antioxidant activity and polyphenol content of cherry stem (Cerasus avium L.) determined by LC-MS/MS**
Bursal E., KÖKSAL E., GÜLÇİN İ., BILSEL G., GOREN A. C.
FOOD RESEARCH INTERNATIONAL, cilt.51, sa.1, ss.66-74, 2013 (SCI-Expanded)
- :CLXXVIII. **Novel sulfamides as potential carbonic anhydrase isoenzymes inhibitors**
AKINCIOĞLU A., AKBABA Y., GOCER H., GÖKSU S., GÜLÇİN İ., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.21, sa.6, ss.1379-1385, 2013 (SCI-Expanded)
- :CCLXXIX. **Phenolic Compounds as Antioxidants: Carbonic Anhydrase Isoenzymes Inhibitors**
GÜLÇİN İ., Beydemir S.
MINI-REVIEWS IN MEDICINAL CHEMISTRY, cilt.13, sa.3, ss.408-430, 2013 (SCI-Expanded)
- CCCLXXX. **One-step purification of lactoperoxidase from bovine milk by affinity chromatography**
ATASEVER A., ÖZDEMİR H., GÜLÇİN İ., KÜFREVİOĞLU Ö. İ.
FOOD CHEMISTRY, cilt.136, sa.2, ss.864-870, 2013 (SCI-Expanded)

- 3CCLXXXI. **Antioxidant activity of clove oil - A powerful antioxidant source**
GÜLÇİN İ., Elmastas M., Aboul-Enein H. Y.
ARABIAN JOURNAL OF CHEMISTRY, cilt.5, sa.4, ss.489-499, 2012 (SCI-Expanded)
- CCLXXXII. **Apoptotic, antioxidant and antiradical effects of majdine and isomajdine from Vinca herbacea Waldst. and kit**
GÜLÇİN İ., Beydemir S., TOPAL F., Gagua N., Bakuridze A., Bayram R., Gepdiremen A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.27, sa.4, ss.587-594, 2012 (SCI-Expanded)
- 3CLXXXIII. **Synthesis and Antioxidant Properties of (3,4-Dihydroxyphenyl) (2,3,4-trihydroxyphenyl)methanone and Its Derivatives**
ÇETİNKAYA Y., GOCER H., MENZEK A., Gulcin I.
ARCHIV DER PHARMAZIE, cilt.345, sa.4, ss.323-334, 2012 (SCI-Expanded)
- 3CLXXXIV. **Antioxidant activity of food constituents: an overview**
GÜLÇİN İ.
ARCHIVES OF TOXICOLOGY, cilt.86, sa.3, ss.345-391, 2012 (SCI-Expanded)
- CCLXXXV. **THE INHIBITORY EFFECTS OF L-ADRENALINE ON LACTOPEROXIDASE ENZYME PURIFIED FROM BOVINE MILK**
ŞİŞECİOĞLU M., GÜLÇİN İ., ÇANKAYA M., ÖZDEMİR H.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.15, sa.6, ss.1190-1199, 2012 (SCI-Expanded)
- 3CLXXXVI. **PURIFICATION AND CHARACTERIZATION OF PEROXIDASE FROM SWEET GOURD (CUCURBITA MOSCHATA LAM. POIRET)**
KÖKSAL E., Bursal E., AGGUL A. G., GÜLÇİN İ.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.15, sa.5, ss.1110-1119, 2012 (SCI-Expanded)
- CLXXXVII. **Caffeic acid phenethyl ester (CAPE): correlation of structure and antioxidant properties**
GÖCER H., Gulcin I.
INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION, cilt.62, sa.8, ss.821-825, 2011 (SCI-Expanded)
- 3LXXXVIII. **Protective role of L-carnitine supplementation against exhaustive exercise induced oxidative stress in rats**
Siktar E., Ekinci D., ŞIKTAR E., Beydemir S., GÜLÇİN İ., Gunay M.
EUROPEAN JOURNAL OF PHARMACOLOGY, cilt.668, sa.3, ss.407-413, 2011 (SCI-Expanded)
- 3CLXXXIX. **Antioxidant Activity of Eugenol: A Structure-Activity Relationship Study**
GÜLÇİN İ.
JOURNAL OF MEDICINAL FOOD, cilt.14, sa.9, ss.975-985, 2011 (SCI-Expanded)
- CCCXC. **In vitro inhibition of alpha-carbonic anhydrase isozymes by some phenolic compounds**
Sarıkaya S. B. O., TOPAL F., Senturk M., GÜLÇİN İ., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.21, sa.14, ss.4259-4262, 2011 (SCI-Expanded)
- CCCXCI. **In Vitro Inhibition of Human Carbonic Anhydrase I and II Isozymes with Natural Phenolic Compounds**
Senturk M., Gulcin I., Beydemir S., KÜFREVİOĞLU Ö. İ., SUPURAN C. T.
CHEMICAL BIOLOGY & DRUG DESIGN, cilt.77, sa.6, ss.494-499, 2011 (SCI-Expanded)
- CCCXCII. **Polyphenol contents and in vitro antioxidant activities of lyophilised aqueous extract of kiwifruit (Actinidia deliciosa)**
Bursal E., GÜLÇİN İ.
FOOD RESEARCH INTERNATIONAL, cilt.44, sa.5, ss.1482-1489, 2011 (SCI-Expanded)
- CCCXCIII. **Pomological Features, Nutritional Quality, Polyphenol Content Analysis, and Antioxidant Properties of Domesticated and 3 Wild Ecotype Forms of Raspberries (Rubus idaeus L.)**
GÜLÇİN İ., TOPAL F., Cakmakci R., BİLSEL M., GOEREN A. C., Erdogan U.
JOURNAL OF FOOD SCIENCE, cilt.76, sa.4, 2011 (SCI-Expanded)
- CCCXCIV. **Antioxidant activity of Melissa officinalis leaves**
KÖKSAL E., Bursal E., Dikici E., Tozoglu F., GÜLÇİN İ.
JOURNAL OF MEDICINAL PLANTS RESEARCH, cilt.5, sa.2, ss.217-222, 2011 (SCI-Expanded)
- CCCXCV. **Polyphenol Contents and Antioxidant Properties of Medlar (Mespilus germanica L.)**

- GÜLÇİN İ., TOPAL F., Sarikaya S. B. O., Bursal E., BİLSEL G., GOREN A. C.
RECORDS OF NATURAL PRODUCTS, cilt.5, sa.3, ss.158-175, 2011 (SCI-Expanded)
- CCCXCVI. **Effects of Ceftazidime Pentahydrate, Prednisolone, Amikacin Sulfate, Ceftriaxone Sodium and Teicoplanin on Bovine Milk Lactoperoxidase Activity**
ŞİŞECİOĞLU M., Uguz M. T., ÇANKAYA M., ÖZDEMİR H., GÜLÇİN İ.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, cilt.7, sa.1, ss.79-83, 2011 (SCI-Expanded)
- CCCXCVII. **Interactions of melatonin and serotonin with lactoperoxidase enzyme**
ŞİŞECİOĞLU M., ÇANKAYA M., GÜLÇİN İ., ÖZDEMİR H.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.25, sa.6, ss.779-783, 2010 (SCI-Expanded)
- :CCXCVIII. **Synthesis and antioxidant properties of diphenylmethane derivative bromophenols including a natural product**
BALAYDIN H. T., GÜLÇİN İ., MENZEK A., GÖKSU S., ŞAHİN E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.25, sa.5, ss.685-695, 2010 (SCI-Expanded)
- CCCXCIX. **The prohibitive effect of lactoperoxidase system (LPS) on some pathogen fungi and bacteria**
ŞİŞECİOĞLU M., Kirecci E., ÇANKAYA M., ÖZDEMİR H., GÜLÇİN İ., ATASEVER A.
AFRICAN JOURNAL OF PHARMACY AND PHARMACOLOGY, cilt.4, sa.9, ss.671-677, 2010 (SCI-Expanded)
- CD. **Carbonic anhydrase inhibitors. Antioxidant polyphenols effectively inhibit mammalian isoforms I-XV**
Innocenti A., Gulcin I., Scozzafava A., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.20, sa.17, ss.5050-5053, 2010 (SCI-Expanded)
- CDI. **Polyphenol contents and antioxidant activity of lyophilized aqueous extract of propolis from Erzurum, Turkey**
GÜLÇİN İ., Bursal E., SEHITOĞLU M. H., BİLSEL M., GOREN A. C.
FOOD AND CHEMICAL TOXICOLOGY, cilt.48, ss.2227-2238, 2010 (SCI-Expanded)
- CDII. **Purification and characterization of peroxidase from Turkish black radish (*Raphanus sativus* L.)**
ŞİŞECİOĞLU M., GÜLÇİN İ., ÇANKAYA M., ATASEVER A., SEHITOĞLU M. H., KAYA H. B., ÖZDEMİR H.
JOURNAL OF MEDICINAL PLANTS RESEARCH, cilt.4, sa.12, ss.1187-1196, 2010 (SCI-Expanded)
- CDIII. **The effects of norepinephrine on lactoperoxidase enzyme (LPO)**
ŞİŞECİOĞLU M., GÜLÇİN İ., ÇANKAYA M., ATASEVER A., ÖZDEMİR H.
SCIENTIFIC RESEARCH AND ESSAYS, cilt.5, sa.11, ss.1351-1356, 2010 (SCI-Expanded)
- CDIV. **Carbonic Anhydrase Inhibitors: Inhibition of Human Erythrocyte Isozymes I and II with a Series of Phenolic Acids**
SARIKAYA S. B. O., GÜLÇİN İ., SUPURAN C. T.
CHEMICAL BIOLOGY & DRUG DESIGN, cilt.75, sa.5, ss.515-520, 2010 (SCI-Expanded)
- CDV. **Carbonic anhydrase inhibitors. Inhibition of mammalian isoforms I-XIV with a series of natural product polyphenols and phenolic acids**
Innocenti A., SARIKAYA S. B. O., GÜLÇİN İ., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.18, sa.6, ss.2159-2164, 2010 (SCI-Expanded)
- CDVI. **Antioxidant activity of bisbenzylisoquinoline alkaloids from *Stephania rotunda*: cepharanthine and fangchinoline**
GÜLÇİN İ., Elias R., Gepdiremen A., Chea A., TOPAL F.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.25, sa.1, ss.44-53, 2010 (SCI-Expanded)
- CDVII. **Antioxidant properties of resveratrol: A structure-activity insight**
GÜLÇİN İ.
INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES, cilt.11, sa.1, ss.210-218, 2010 (SCI-Expanded)
- CDVIII. **Antioxidant, antibacterial, and anticandidal activities of an aquatic plant: duckweed (*Lemna minor* L. Lemnaceae)**
GÜLÇİN İ., KIRECCI E., AKKEMİK E., TOPAL F., Hisar O.
TURKISH JOURNAL OF BIOLOGY, cilt.34, sa.2, ss.175-188, 2010 (SCI-Expanded)
- CDIX. **Antioxidant and Radical Scavenging Activity of Aerial Parts and Roots of Turkish Liquorice (*Glycyrrhiza Glabra* L.)**
TOHMA H. S., GÜLÇİN İ.

INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.13, sa.4, ss.657-671, 2010 (SCI-Expanded)

- CDX. **Corrigendum to Sildenafil is a strong activator of mammalian carbonic anhydrase isoforms I XIV**
Bioorg Med Chem 17 2009 5791
ÇOBAN T. A., BEYDEMİR S., GÜLÇİN İ., EKİNCİ D., Innocenti A., VULLO D., SUPURAN C. T.
Bioorganic Chemistry, cilt.18, ss.461, 2010 (SCI-Expanded)
- CDXI. **Radical scavenging and antioxidant activity of tannic acid**
GÜLÇİN İ., Huyut Z., Elmastas M., Aboul-Enein H. Y.
ARABIAN JOURNAL OF CHEMISTRY, cilt.3, sa.1, ss.43-53, 2010 (SCI-Expanded)
- CDXII. **Antioxidant activity of 5,10-dihydroindeno[1,2-b]indoles containing substituents on dihydroindeno part**
TALAZ O., GÜLÇİN İ., GÖKSU S., SARAÇOĞLU N.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.17, sa.18, ss.6583-6589, 2009 (SCI-Expanded)
- CDXIII. **Sildenafil is a strong activator of mammalian carbonic anhydrase isoforms I-XIV**
ÇOBAN T. A., BEYDEMİR S., Guçin I., EKINCI D., Innocenti A., Vullo D., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.17, sa.16, ss.5791-5795, 2009 (SCI-Expanded)
- CDXIV. **In vitro antioxidant and antiradical properties of Hippophae rhamnoides L.**
Buyukokuroglu M. E., GÜLÇİN İ.
PHARMACOGNOSY MAGAZINE, cilt.5, sa.19, ss.189-195, 2009 (SCI-Expanded)
- CDXV. **Antioxidant activity of L-adrenaline: A structure-activity insight**
Guelcin I.
CHEMICO-BIOLOGICAL INTERACTIONS, cilt.179, ss.71-80, 2009 (SCI-Expanded)
- CDXVI. **Antioxidant secoiridoids from fringe tree (Chionanthus virginicus L.)**
Guelcin I., Elias R., Gepdiremen A., Taoubi K., KOEKSAL E.
WOOD SCIENCE AND TECHNOLOGY, cilt.43, ss.195-212, 2009 (SCI-Expanded)
- CDXVII. **Carbonic anhydrase inhibitors. Inhibition of human erythrocyte isozymes I and II with a series of antioxidant phenols**
SENTURK M., GÜLÇİN İ., DAŞTAN A., KÜFREYİOĞLU Ö. İ., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.17, sa.8, ss.3207-3211, 2009 (SCI-Expanded)
- CDXVIII. **In vitro antioxidant activity of silymarin**
KOKSAL E., GÜLÇİN İ., BEYZA S., SARIKAYA O., BURSAL E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.24, sa.2, ss.395-405, 2009 (SCI-Expanded)
- CDXIX. **The Inhibitory Effect of Propofol on Bovine Lactoperoxidase**
ŞİŞECİOĞLU M., ÇANKAYA M., GÜLÇİN İ., ÖZDEMİR H.
PROTEIN AND PEPTIDE LETTERS, cilt.16, sa.1, ss.46-49, 2009 (SCI-Expanded)
- CDXX. **Melatonin administration increases antioxidant enzymes activities and reduces lipid peroxidation in the rainbow trout (Oncorhynchus mykiss, Walbaum) erythrocytes**
GÜLÇİN İ., BEYDEMİR S., Hisar O., KOKSAL E., Reiter R. J.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, cilt.33, sa.3, ss.241-245, 2009 (SCI-Expanded)
- CDXXI. **Highly brominated anthracenes as precursors for the convenient synthesis of 2,9,10-trisubstituted anthracene derivatives**
Cakmak O., Aydogan L., Berkil K., GÜLÇİN İ., Buyukgungor O.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, cilt.4, 2008 (SCI-Expanded)
- CDXXII. **Dantrolene Inhibits Human Erythrocyte Glutathione Reductase**
SENTURK M., GÜLÇİN İ., Ciftci M., KÜFREYİOĞLU Ö. İ.
BIOLOGICAL & PHARMACEUTICAL BULLETIN, cilt.31, sa.11, ss.2036-2039, 2008 (SCI-Expanded)
- CDXXIII. **Antioxidant and radical scavenging properties of curcumin**
AK T., GÜLÇİN İ.
CHEMICO-BIOLOGICAL INTERACTIONS, cilt.174, sa.1, ss.27-37, 2008 (SCI-Expanded)
- CDXXIV. **Purification and characterization of peroxidase from cauliflower (Brassica oleracea L. var. botrytis) buds**
KOKSAL E., GÜLÇİN İ.

PROTEIN AND PEPTIDE LETTERS, cilt.15, sa.4, ss.320-326, 2008 (SCI-Expanded)

- CDXXV. **The effect of ethanol on erythrocyte carbonic anhydrase isoenzymes activity: An in vitro and in vivo study**
ÇOBAN T. A., BEYDEMİR S., GÜLCİN İ., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.23, sa.2, ss.266-270, 2008 (SCI-Expanded)
- CDXXVI. **Antioxidant and radical scavenging activities of uric acid**
Gülcin İ., OKTAY M., KOEKSAL E., SERBETÇİ H., BEYDEMİR S., KUEFREVIÖĞLU Ö. İ.
ASIAN JOURNAL OF CHEMISTRY, cilt.20, sa.3, ss.2079-2090, 2008 (SCI-Expanded)
- CDXXVII. **In vitro prooxidant effect of caffeine**
Gülcin İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.23, sa.1, ss.149-152, 2008 (SCI-Expanded)
- CDXXVIII. **THE INHIBITORY EFFECT OF DANTROLENE SODIUM AND PROPOFOL ON 6-PHOSPHOGLUCONATE DEHYDROGENASE FROM RAT ERYTHROCYTE**
GÜLÇİN İ., BEYDEMİR S., ÇOBAN T. A., EKİNCİ D.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.17, ss.1283-1287, 2008 (SCI-Expanded)
- CDXXIX. **Antioxidant, antimicrobial, antifungal, and antiradical activities of *Cyclotrichium niveum* (Boiss.) Manden and Scheng**
GÜLÇİN İ., TEL A. Z., KIRECCİ E.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, cilt.11, sa.2, ss.450-471, 2008 (SCI-Expanded)
- CDXXX. **Measurement of antioxidant ability of melatonin and serotonin by the DMPD and CUPRAC methods as trolox equivalent**
Gülcin İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.23, sa.6, ss.871-876, 2008 (SCI-Expanded)
- CDXXXI. **Antioxidant activity of cauliflower (*Brassica oleracea* L.)**
KOKSAL E., GÜLÇİN İ.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, cilt.32, sa.1, ss.65-78, 2008 (SCI-Expanded)
- CDXXXII. **Morphine inhibits erythrocyte carbonic anhydrase in vitro and in vivo**
ÇOBAN T. A., BEYDEMİR S., GÜLCİN İ., EKİNCİ D.
BIOLOGICAL & PHARMACEUTICAL BULLETIN, cilt.30, sa.12, ss.2257-2261, 2007 (SCI-Expanded)
- CDXXXIII. **An analysis of expression patterns of genes encoding proteins with catalytic activities**
ÇANKAYA M., HERNANDEZ A. M., CİFTÇİ M., BEYDEMİR S., ÖZDEMİR H., BUDAK H., GÜLCİN İ., COMAKLI V., EMİRCUPANI T., EKİNCİ D., et al.
BMC GENOMICS, cilt.8, 2007 (SCI-Expanded)
- CDXXXIV. **Antioxidant activity of different parts of isgin (*Rheum ribes* L.)**
OKTAY M., YILDIRIM A., BİLALOĞLU V., GÜLCİN İ.
ASIAN JOURNAL OF CHEMISTRY, cilt.19, sa.4, ss.3047-3055, 2007 (SCI-Expanded)
- CDXXXV. **Comparison of in vitro antioxidant and antiradical activities of L-tyrosine and L-Dopa**
Gülcin İ.
AMINO ACIDS, cilt.32, sa.3, ss.431-438, 2007 (SCI-Expanded)
- CDXXXVI. **Determination of antioxidant and radical scavenging activity of basil (*Ocimum basilicum* L. family Lamiaceae) assayed by different methodologies**
Gülcin İ., ELMASTAS M., ABOUL-ENEIN H. Y.
PHYTOTHERAPY RESEARCH, cilt.21, sa.4, ss.354-361, 2007 (SCI-Expanded)
- CDXXXVII. **A comparative study on the antioxidant activity of fringe tree (*Chionanthus virginicus* L.) extracts**
Gülcin İ., ELİAS R., GEPDİREMEN A., BOYER L., KOKSAL E.
AFRICAN JOURNAL OF BIOTECHNOLOGY, cilt.6, sa.4, ss.410-418, 2007 (SCI-Expanded)
- DXXXVIII. **Oxidase activity of ceruloplasmin and some acute phase reactant and trace element concentrations in serum of patients with chronic lymphocytic leukemia**
GÜNDOĞDU M., KAYA H., GÜLCİN İ., ERDEM F., CAYIR K., KELES M., YILMAZ A.
SCOTTISH MEDICAL JOURNAL, cilt.52, sa.1, ss.24-27, 2007 (SCI-Expanded)
- CDXXXIX. **Beneficial effects of *Foeniculum vulgare* on ethanol-induced acute gastric mucosal injury in rats**

BIRDANE F. M., CEMEK M., BIRDANE Y. O., Gulcin I., BUYUKOKUROGLU M. E.

WORLD JOURNAL OF GASTROENTEROLOGY, cilt.13, sa.4, ss.607-611, 2007 (SCI-Expanded)

- CDXL. **Synthesis of dimeric phenol derivatives and determination of in vitro antioxidant and radical scavenging activities**

Gulcin I., Dastan A.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.22, sa.6, ss.685-695, 2007 (SCI-Expanded)

- CDXLI. **Antioxidant activity of lignans from fringe tree (*Chionanthus virginicus* L.)**

Gulcin I., Elias R., GEPIREMEN A., Boyer L.

EUROPEAN FOOD RESEARCH AND TECHNOLOGY, cilt.223, sa.6, ss.759-767, 2006 (SCI-Expanded)

- CDXLII. **Radical scavenging activity and antioxidant capacity of bay leaf extracts**

ELMASTAS M., Gulcin I., ISILDAK O., Kuefrevioglu Ö. İ., IBAOGLU K., ABOUL-ENEIN H. Y.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.3, sa.3, ss.258-266, 2006 (SCI-Expanded)

- CDXLIII. **Antioxidant activity of two wild edible mushrooms (*Morchella vulgaris* and *Morchella esculanta*) from North Turkey**

ELMASTAS M., TURKEKUL I., OZTURK L., Gulcin I., ISILDAK O., Aboul-Enein H. Y.

COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, cilt.9, sa.6, ss.443-448, 2006 (SCI-Expanded)

- CDXLIV. **Screening of antiradical and antioxidant activity of monodesmosides and crude extract from *Leontice smirnowii* tuber**

Gulcin I., Mshvildadze V., GEPIREMEN A., Elias R.

PHYTOMEDICINE, cilt.13, sa.5, ss.343-351, 2006 (SCI-Expanded)

- CDXLV. **The antioxidant activity of a triterpenoid glycoside isolated from the berries of *Hedera colchica*: 3-O-(beta-D-glucopyranosyl)-hederagenin**

Gulcin I., Mshvildadze V., GEPIREMEN A., Elias R.

PHYTOTHERAPY RESEARCH, cilt.20, sa.2, ss.130-134, 2006 (SCI-Expanded)

- CDXLVI. **Antioxidant and antiradical activities of L-carnitine**

Gulcin I.

LIFE SCIENCES, cilt.78, sa.8, ss.803-811, 2006 (SCI-Expanded)

- CDXLVII. **Antioxidant activity of caffeic acid (3,4-dihydroxycinnamic acid)**

Gulcin I.

TOXICOLOGY, cilt.217, ss.213-220, 2006 (SCI-Expanded)

- CDXLVIII. **A study on the in vitro antioxidant activity of juniper (*Juniperus communis* L.) fruit extracts**

ELMASTAS M., Gulcin I., BEYDEMIR S., Kufrevioglu O., ABOUL-ENEIN H.

ANALYTICAL LETTERS, cilt.39, sa.1, ss.47-65, 2006 (SCI-Expanded)

- CDXLIX. **Effects of light on trace elements and triiodothyronine levels in plasma of mirror carp (*Cyprinus carpio*)**

AYIK O., HISAR O., Gulcin I., ARAS-HISAR S., YANIK T.

BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.108, ss.147-153, 2005 (SCI-Expanded)

- CDL. **The antioxidant and radical scavenging activities of black pepper (*Piper nigrum*) seeds**

Gulcin I.

INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION, cilt.56, sa.7, ss.491-499, 2005 (SCI-Expanded)

- CDLI. **Antiradical and antioxidant activity of total anthocyanins from *Perilla panchensis* decne**

Gulcin I., Berashvili D., GEPIREMEN A.

JOURNAL OF ETHNOPHARMACOLOGY, cilt.101, ss.287-293, 2005 (SCI-Expanded)

- CDLII. **Purification and characterization of peroxidase from *Brassica oleracea* var. *acephala***

Gulcin I., YILDIRIM A.

ASIAN JOURNAL OF CHEMISTRY, cilt.17, sa.4, ss.2175-2183, 2005 (SCI-Expanded)

- CDLIII. **Effect of Melatonin on glucose-6-phosphate dehydrogenase from rainbow trout (*Oncorhynchus mykiss*) erythrocytes in vitro and in vivo**

BEYDEMIR S., Gulcin I., HISAR O., Kufrevioglu O., Yanik T.

JOURNAL OF APPLIED ANIMAL RESEARCH, cilt.28, sa.1, ss.65-68, 2005 (SCI-Expanded)

- CDLIV. **Purification and characterization of polyphenol oxidase from nettle (*Urtica dioica* L.) and inhibitory**

effects of some chemicals on enzyme activity

Gulcin I., Kufrevioglu O., OKTAY M.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.20, sa.3, ss.297-302, 2005 (SCI-Expanded)

CDLV. Evaluation of antioxidant activity of cornelian cherry (*Cornus mas* L.)

Gulcin I., BEYDEMİR S., Sat I., Kufrevioglu O.

ACTA ALIMENTARIA, cilt.34, sa.2, ss.193-202, 2005 (SCI-Expanded)

CDLVI. Determination of in vitro antioxidant and radical scavenging activities of propofol

Gulcin I., ALICI H. A., CESUR M.

CHEMICAL & PHARMACEUTICAL BULLETIN, cilt.53, sa.3, ss.281-285, 2005 (SCI-Expanded)

CDLVII. Effects of low molecular weight plasma inhibitors of rainbow trout (*Oncorhynchus mykiss*) on human erythrocyte carbonic anhydrase-II isozyme activity in vitro and rat erythrocytes in vivo

HISAR O., BEYDEMİR S., Gulcin I., Kufrevioglu O., SUPURAN C.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.20, sa.1, ss.35-39, 2005 (SCI-Expanded)

CDLVIII. The effects of melatonin hormone on carbonic anhydrase enzyme activity in rainbow trout (*Oncorhynchus mykiss*) erythrocytes in vitro and in vivo

HISAR O., BEYDEMİR S., Gulcin I., HISAR S., Yanik T., Kufrevioglu O.

TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, cilt.29, sa.3, ss.841-845, 2005 (SCI-Expanded)

CDLIX. Effect of alpha-tocopherol oil antioxidant enzyme activities and lipid peroxidation in rainbow trout (*Oncorhynchus mykiss*)

Gulcin I., BEYDEMİR S., HISAR O.

ACTA VETERINARIA HUNGARICA, cilt.53, sa.4, ss.425-433, 2005 (SCI-Expanded)

CDLX. Investigation of antioxidant properties of spearmint (*Mentha spicata* L.)

Elmastas M., GÜLÇİN İ., Ozturk L., Gokce I.

ASIAN JOURNAL OF CHEMISTRY, cilt.17, sa.1, ss.137-148, 2005 (SCI-Expanded)

CDLXI. Comparison of antioxidant activity of clove (*Eugenia caryophyllata* Thunb) buds and lavender (*Lavandula stoechas* L.)

Gulcin I., Sat I., BEYDEMİR S., ELMASTAS M., Kufrevioglu O.

FOOD CHEMISTRY, cilt.87, sa.3, ss.393-400, 2004 (SCI-Expanded)

CDLXII. Antioxidant activity of saponins isolated from ivy: alpha-hederin, hederasaponin-C, hederacolchiside-E and hederacolchiside-F

Gulcin I., Mshvildadze V., GEPIREMEN A., Elias R.

PLANTA MEDICA, cilt.70, sa.6, ss.561-563, 2004 (SCI-Expanded)

CDLXIII. In vitro and in vivo effects of dantrolene on carbonic anhydrase enzyme activities

Gulcin I., BEYDEMİR S., BUYUKOKUROGLU M.

BIOLOGICAL & PHARMACEUTICAL BULLETIN, cilt.27, sa.5, ss.613-616, 2004 (SCI-Expanded)

CDLXIV. Effects of melatonin on carbonic anhydrase from human erythrocytes in vitro and from rat erythrocytes in vivo

BEYDEMİR S., Gulcin I.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.19, sa.2, ss.193-197, 2004 (SCI-Expanded)

CDLXV. Antioxidant, antimicrobial, antiulcer and analgesic activities of nettle (*Urtica dioica* L.)

Gulcin I., Kufrevioglu O., OKTAY M., BUYUKOKUROGLU M.

JOURNAL OF ETHNOPHARMACOLOGY, cilt.90, ss.205-215, 2004 (SCI-Expanded)

CDLXVI. Effect of vitamin E on carbonic anhydrase enzyme activity in rainbow trout (*Oncorhynchus mykiss*) erythrocytes in vitro and in vivo

ARAS-HISAR Ş., HISAR O., BEYDEMİR S., Gulcin I., YANIK T.

ACTA VETERINARIA HUNGARICA, cilt.52, sa.4, ss.413-422, 2004 (SCI-Expanded)

CDLXVII. In vitro antioxidant properties of morphine

Gulcin I., Beydemir U., ALICI H. A., ELMASTAS M., BUYUKOKUROGLU M. E.

PHARMACOLOGICAL RESEARCH, cilt.49, sa.1, ss.59-66, 2004 (SCI-Expanded)

CDLXVIII. Evaluation of the in vitro antioxidant properties of broccoli extracts (*Brassica oleracea* L.)

Gulcin I., Sat I., BEYDEMİR S., Kufrevioglu O.

- ITALIAN JOURNAL OF FOOD SCIENCE, cilt.16, sa.1, ss.17-30, 2004 (SCI-Expanded)
- CDLXIX. **Screening of antioxidant and antimicrobial activities of anise (*Pimpinella anisum* L.) seed extracts**
Gulcin I., OKTAY M., KIRECCI E., Kufrevioglu O.
FOOD CHEMISTRY, cilt.83, sa.3, ss.371-382, 2003 (SCI-Expanded)
- CDLXX. **Glucose 6-phosphate dehydrogenase: In vitro and in vivo effects of dantrolene sodium**
BEYDEMİR S., Gulcin I., Kufrevioglu O., CİFTÇİ M.
POLISH JOURNAL OF PHARMACOLOGY, cilt.55, sa.5, ss.787-792, 2003 (SCI-Expanded)
- CDLXXI. **Metal chelating and hydrogen peroxide scavenging effects of melatonin**
Gulcin I., BUYUKOKUROGLU M., Kufrevioglu O.
JOURNAL OF PINEAL RESEARCH, cilt.34, sa.4, ss.278-281, 2003 (SCI-Expanded)
- CDLXXII. **Antioxidant and analgesic activities of turpentine of *Pinus nigra* Arn. subsp. *pallsiana* (Lamb.) Holmboe**
Gulcin I., BUYUKOKUROGLU M., OKTAY M., Kufrevioglu O.
JOURNAL OF ETHNOPHARMACOLOGY, cilt.86, sa.1, ss.51-58, 2003 (SCI-Expanded)
- CDLXXIII. **Trace elements and some extracellular antioxidant protein levels in serum of patients with laryngeal cancer**
TAYSI S., AKÇAY F., USLU C., DOĞRU Y., Gulcin I.
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.91, sa.1, ss.11-18, 2003 (SCI-Expanded)
- CDLXXIV. **Trace elements and disease activity score in patients with rheumatoid arthritis**
TAYSI S., Gulcin I., SARI R. A., KUSKAY S., BAKAN N.
PAIN CLINIC, cilt.15, sa.4, ss.435-439, 2003 (SCI-Expanded)
- CDLXXV. **Determination of in vitro antioxidant activity of fennel (*Foeniculum vulgare*) seed extracts**
OKTAY M., Gulcin I., Kufrevioglu O.
LEBENSMITTEL-WISSENSCHAFT UND-TECHNOLOGIE-FOOD SCIENCE AND TECHNOLOGY, cilt.36, sa.2, ss.263-271, 2003 (SCI-Expanded)
- CDLXXVI. **On the in vitro antioxidative properties of melatonin**
Gulcin I., BUYUKOKUROGLU M., OKTAY M., Kufrevioglu O.
JOURNAL OF PINEAL RESEARCH, cilt.33, sa.3, ss.167-171, 2002 (SCI-Expanded)
- CDLXXVII. **Determination of antioxidant activity of lichen *Cetraria islandica* (L) Ach**
Gulcin I., OKTAY M., Kufrevioglu O., ASLAN A.
JOURNAL OF ETHNOPHARMACOLOGY, cilt.79, sa.3, ss.325-329, 2002 (SCI-Expanded)
- DLXXVIII. **In vitro antioxidant properties of dantrolene sodium**
BUYUKOKUROGLU M. E., Gulcin I., OKTAY M., KUFREVIOGLU Ö. İ.
PHARMACOLOGICAL RESEARCH, cilt.44, sa.6, ss.491-494, 2001 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **IMIDAZOLINONE-BASED SULFONAMIDE DERIVATIVES: SYNTHESIS, CHARACTERIZATION, AND INHIBITORY PROPERTY AGAINST SOME METABOLIC ENZYMES**
Tuğrak Sakarya M., Gul H. I., Yamali C., Demir Y., Gulcin I.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, cilt.47, sa.3, ss.915-926, 2023 (Scopus)
- II. **Quantification of main secondary metabolites of *Satureja icarica* P.H. Davis (Lamiaceae) by LC-HRMS and evaluation of antioxidant capacities**
Kinoglu B. K., DİRMENCİ T., DEMİRKAYA MİLOĞLU F., GÜLÇİN İ., Goren A. C.
JOURNAL OF CHEMICAL METROLOGY, cilt.17, ss.199-214, 2023 (ESCI)
- III. **The Role of p-Coumaric Acid on Reproductive and Remote Organ Damages Created by Adnexal Torsion/Detorsion: Biochemical and Immunohistochemical A Study**
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., NACAR T., ÇOMAKLI S., GÜLÇİN İ.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, cilt.12, sa.4, ss.1005-1012, 2022 (ESCI)
- IV. **Phytochemical Analysis and Screening of Acetylcholinesterase and Carbonic Anhydrase I and II**

Isoenzymes Inhibitory Effect of *Heptaptera triquetra* (Vent.) Tutin Root

Çiçek Kaya A., Özbek H., Yuca H., Yılmaz G., Bingöl Z., Kazaz C., Gülçin İ., Güvenalp Z.

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.47, sa.3, ss.381-392, 2022 (Scopus)

- V. **Evaluation of the in vitro antioxidant, antidiabetic and anticholinergic properties of rosmarinic acid from rosemary (*Rosmarinus officinalis* L.)**
Topal M., GÜLÇİN İ.
BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY, cilt.43, 2022 (ESCI)
- VI. **The possible useful effectiveness of sinapic acid in secondary organ damage sepsis-induced in rats**
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., ÖZBEK ŞEBİN S., ÇOMAKLI S., GÜLÇİN İ.
Clinical and Experimental Health Sciences, cilt.12, sa.1, ss.134-140, 2022 (ESCI)
- VII. **Evaluation of Anticholinergic, Antidiabetic and Antioxidant Activity of *Astragalus dumanii*, an Endemic Plant**
KOÇYİĞİT Ü. M., Eruygur N., ATAŞ M., TEKİN M., Taslimi P., Gokalp F., GÜLÇİN İ.
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, cilt.25, ss.1-10, 2022 (ESCI)
- VIII. **LC-HRMS profiling of phytochemicals, antidiabetic, anticholinergic and antioxidant activities of evaporated ethanol extract of *Astragalus brachycalyx* Fischer**
Kızıldaş H., Bingöl Z., Goren A. C., Pınar S. M., Alwasel S. H., GÜLÇİN İ.
JOURNAL OF CHEMICAL METROLOGY, cilt.15, sa.2, ss.135-151, 2021 (ESCI)
- IX. **Some old 2-(4-(Aryl)-thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-tethanoisoindole-1,3(2H)-dione derivatives: Synthesis, inhibition effects and molecular docking studies on Aldose reductase and α -Glycosidase**
TASLIMI P., DEMİR Y., DURAN H. E., KOÇYİĞİT Ü. M., TÜZÜN B., ASLAN O. N., CEYLAN M., GÜLÇİN İ.
CUMHURİYET SCIENCE JOURNAL, cilt.42, sa.3, ss.553-564, 2021 (Hakemli Dergi)
- X. **Carbonic Anhydrase Isoenzymes I and II Inhibition Potentials of *Leiotulus dasyanthus* (K. Koch) Pimenov&Ostr. and *Ferulago pauciradiata* Boiss.&Heldr. (Apiaceae)**
KARAKAYA S., Bingöl Z., GÜLÇİN İ., Delimustafaoglu F., DUMAN H., KILIÇ C. S.
BEZMIALEM SCIENCE, cilt.9, sa.2, ss.153-157, 2021 (ESCI)
- XI. **Synthesis, characterization, crystal structure and bioactivities of novel enamine and pyrrole derivatives endowed with acetylcholinesterase, α -glycosidase and human carbonic anhydrase inhibition effects**
Maharramov A., Kurbanova M., Taslimi P., Demir Y., Safarova A., Huseyinov E., Sujayev A., Alwasel S. H., GÜLÇİN İ.
ORGANIC COMMUNICATIONS, cilt.14, sa.2, ss.144-156, 2021 (ESCI)
- XII. **Assessments of anticholinergic, antidiabetic, antioxidant activities and phenolic content of *Stachys annua***
Bursal E., Taslimi P., GÖREN A. C., GÜLÇİN İ.
Biocatalysis and Agricultural Biotechnology, cilt.28, 2020 (ESCI)
- XIII. **Role of p-Coumaric acid in Alleviating of the Intestinal Ischemia/Reperfusion Injury**
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., ÖZBEK ŞEBİN S., GÜLÇİN İ.
Kocaeli Tıp Dergisi, cilt.9, sa.1, ss.166-173, 2020 (Hakemli Dergi)
- XIV. **Acetylcholinesterase inhibitory potency of new pyrazoline derivative," Journal of research in pharmacy (online), vol. 24, no. 4, pp. 464–471, 2020.**
TUĞRAK M., GÜL H. İ., GÜLÇİN İ.
JOURNAL OF RESEARCH IN PHARMACY, cilt.24, sa.4, ss.464-471, 2020 (ESCI)
- XV. **Anticholinergic, antidiabetic and antioxidant activities of Anatolian pennyroyal (*Mentha pulegium*)-analysis of its polyphenol contents by LC-MS/MS**
GÜLÇİN İ., GÖREN A. C., Taslimi P., Alwasel S. H., Kılıç O., Bursal E.
Biocatalysis and Agricultural Biotechnology, cilt.23, 2020 (ESCI)
- XVI. **Acetylcholinesterase inhibitory potency of new pyrazoline derivative**
TUĞRAK M., GÜL H. İ., GÜLÇİN İ.
JOURNAL OF RESEARCH IN PHARMACY, cilt.24, sa.4, ss.464-471, 2020 (ESCI)
- XVII. **Anticholinergic and antioxidant activities of usnic acid-an activity-structure insight.**

Cetin C., Gülçin İ.

Toxicology reports, cilt.6, ss.1273-1280, 2019 (ESCI)

- XVIII. **The effects of wireless on carbonic anhydrase and acetylcholinesterase enzyme activities in some tissues related to respiratory, excretory and reproductive systems of rats**
DURNA DAŞTAN S., Taslimi P., GÜRSES F., AKKAYA R., GÖKALP F., GÜLÇİN İ.
Cumhuriyet Medical Journal, 2019 (Hakemli Dergi)
- XIX. **The Protective Effects of p-Coumaric Acid on Acute Liver and Kidney Damages Induced by Cisplatin**
Akdemir F. N. E., Albayrak M., Calik M., Bayır Y., Gülçin İ.
BIOMEDICINES, cilt.5, 2017 (ESCI)
- XX. **Assessment of Antimicrobial and Antioxidant Activities of Nepeta trachonitica: Analysis of Its Phenolic Compounds Using HPLC-MS/MS**
KÖKSAL E., Tohma H., Kilic O., Alan Y., Aras A., GÜLÇİN İ., Bursal E.
SCIENTIA PHARMACEUTICA, cilt.85, sa.2, 2017 (ESCI)
- XXI. **Chrysin protects rat kidney from paracetamol-induced oxidative stress, inflammation, apoptosis, and autophagy: A multi-biomarker approach**
Kandemir F. M., Kucukler S., Eldutar E., Caglayan C., Gülçin İ.
Scientia Pharmaceutica, cilt.85, 2017 (ESCI)
- XXII. **Antioxidant and Antiradical Properties of Selected Flavonoids and Phenolic Compounds**
Huyut Z., Beydemir S., GÜLÇİN İ.
BIOCHEMISTRY RESEARCH INTERNATIONAL, cilt.2017, 2017 (ESCI)
- XXIII. **Synthesis of some natural sulphonamide derivatives as carbonic anhydrase inhibitors**
Gokcen T., AL M., Topal M., GÜLÇİN İ., OZTURK T., Goren A. C.
ORGANIC COMMUNICATIONS, cilt.10, sa.1, ss.15-23, 2017 (ESCI)
- XXIV. **Fe³⁺-Fe²⁺ Transformation Method: An Important Antioxidant Assay**
GÜLÇİN İ.
ADVANCED PROTOCOLS IN OXIDATIVE STRESS III, cilt.1208, ss.233-246, 2015 (Scopus)
- XXV. **Effect of melatonin and environmental stress on free radicals and antioxidant levels in rats during the exercise at different Room temperatures Doktora Tezinden Üretilmiştir**
ŞIKTAR E., ŞIKTAR E., GÜLÇİN İ., GÜNAY M.
Ovidius" University Annals Series Physical Education and Sport "Science, Movement and Health", cilt.10, sa.1, ss.44-54, 2010 (Hakemli Dergi)
- XXVI. **Effect of L carnitin and thermal stress on free radical and antioxidant levels in rats during the exhaustive swimming Exercises at hypothermic and hyperthermic water temperatures Doktora Tezinden Üretilmiştir**
ŞIKTAR E., ŞIKTAR E., GÜLÇİN İ., GÜNAY M.
Ovidius" University Annals Series Physical Education and Sport "Science, Movement and Health", cilt.10, ss.32-43, 2010 (Hakemli Dergi)
- XXVII. **The Effect of Nettle (Urtica dioica L.) on Chemical Properties of Rainbow Trout (Oncorhynchus mykiss) Fillets**
HISAR S., HISAR O., KABAN G., KAYA M., Gülçin İ., YANIK T.
American Journal of Food Technology, cilt.3, sa.5, ss.335-340, 2008 (Hakemli Dergi)
- XXVIII. **The effects of nettle Urtica dioica L on chemical properties of rainbow trout Oncorhynchus mykiss fillets**
ARAS HİSAR Ş., HİSAR O., KABAN G., KAYA M., GÜLÇİN İ., YANIK T.
AMERICAN JOURNAL OF FOOD TECHNOLOGY, cilt.3, ss.335-340, 2008 (Hakemli Dergi)
- XXIX. **Midazolam in Antioksidan etkisi varmıdır**
ŞILBİR F., KIZILKAYA M., GÜLÇİN İ., KÜRŞAD H., DOĞAN N.
Anestezi Dergisi, cilt.12, ss.64-67, 2004 (Scopus)
- XXX. **Evaluation of the antioxidant and antimicrobial activities of clary sage Salvia sclarea L**
GÜLÇİN İ., UÇUZ M. T., OKTAY M., BEYDEMİR Ş., KÜFREYİOĞLU Ö. İ.
Turk J Agric For ., cilt.24, ss.25-33, 2004 (Hakemli Dergi)

- XXXI. Hisar O Beydemir S Gülçin I Aras Hisar Ş and T Yanık 2003 Effect of vitamin E on glucose 6 phosphate dehydrogenase enzyme activity from rainbow trout *Oncorhynchus mykiss* erythrocytes in vitro and in vivo J Appl Res Vet Med 1 4 266 272
HİSAR O., BEYDEMİR Ş., GÜLÇİN İ., ARAS HİSAR Ş., YANIK T.
J. APPL. RES. VET. MED., cilt.1, ss.266-272, 2003 (Hakemli Dergi)
- XXXII. Antioxidant and antimicrobial activities of *Teucrium polium* L
GÜLÇİN İ., UĞUZ M. T., OKTAY M., BEYDEMİR Ş., KÜFREYİOĞLU Ö. İ.
Journal of Food Technology, 2003 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **The Most Efficient Extraction Methods of Propolis**
KARAGEÇİLİ H., GÜLÇİN İ.
Bee and Bee Products, Ebubekir İZOL, Mine KOÇYİĞİT, Yusuf Kenan HASPOLAT, Editör, Orient Publications, Ankara, ss.26-36, 2023
- II. **Pesticides in Honey**
KARAGEÇİLİ H., GÜLÇİN İ.
Safety of Bee Products, Ebubekir İZOL Yusuf Kenan HASPOLAT, Editör, Orient Publications, Ankara, ss.35-43, 2023
- III. **The Effect of Bee Venom in the Treatment of Diseases**
YAPICI İ., İZOL E., GÜLÇİN İ.
The Significance of Bee Products in Health, Ebubekir İZOL, Yusuf Kenan HASPOLAT, İlhami GÜLÇİN, Editör, Orient, Ankara, ss.9-17, 2023
- IV. **The Role of Enzymes in Honey Quality**
YAPICI İ., İZOL E., GÜLÇİN İ.
Safety of Bee Products, Ebubekir İZOL, Yusuf Kenan HASPOLAT, Editör, Orient Publications, Ankara, ss.1-9, 2023
- V. **10-Hydroxy-2-Decenoic Acid (10-Hda) and Bioactive Components in Royal Jelly**
İZOL E., İSMAİL Y., GÜLÇİN İ.
Biological Activities of Honeybee Products, Ebubekir İzol, Yusuf Kenan Haspolat, İlhami Gülçin, Editör, Orient Publications, Ankara, ss.1-9, 2023
- VI. **Moleküler Bir Yaklaşımla Kimyanın İlkeleri Genel Kimya**
Köksal E., Denizli A., Oktay M., Tohma H., Gülçin I., Kadioğlu Y., Yılmaz F., Bereli N., Türkmen D., Bektaş F. S., et al.
Nobel Yayinevi, Ankara, 2016
- VII. **An important milk enzyme : Lactoperoxidase**
KÖKSAL Z., GÜLÇİN İ., ÖZDEMİR H.
Milk Proteins From Structure to Biological Properties and Health Aspects, Isabel Gigli, Editör, InTech, 2016
- VIII. **Chapter 17: Fe³⁺-Fe²⁺ Transformation Method: An Important Antioxidant assay**
GÜLÇİN İ.
Advanced Protocols in Oxidative Stress III, Donald Armstrong, Editör, Humana Press, 2015

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Microbial Phenazines as Potential Enzyme Inhibitors for Metabolic Diseases: Fermentative Production, Kinetic and Docking Studies**
Aslan K., Erden Kopar E., Kelle K., Kızıldaş H., Gülçin I.
5th Eurasia Biochemical Approaches & Technologies Congress (EBAT), Antalya, Türkiye, 2 - 05 Kasım 2023, ss.48
- II. **Inverstigation of Formononentin Effects on Human Carbonic Anhydrase Isoenzymes (hCA I and II)**
DURMAZ L., GÜLÇİN İ.
Çukurova 11th International Scientific Researches Conferences, 22 Ağustos 2023
- III. **Enzymatic Catalaysis**

GÜLÇİN İ.

9. National Catalaysis Conference, Çanakkale, Türkiye, 7 - 09 Eylül 2023

- IV. **Metabolite profiling of berdav propolis using LC-MS/MS chromatography: Determination of antioxidant, anticholinergic, antiglaucoma, and antidiabetic effects**

GÜLÇİN İ.

XXI Chromatography Congress, Aydın, Türkiye, 14 Haziran 2023

- V. **Mavi Haşhaş Ekstrelerinin Antioksidan Kapasitelerinin ve Bazı Metabolik Enzimler Üzerine Etkilerinin Araştırılması ve Fitokimyasal İçeriğinin LCMS/MS Kromatografisi Tekniği ile Aydınlatılması**

Aslan K., Yılmaz M. A., Gülçin İ.

XXI. Kromatografi Kongresi, Aydın, Türkiye, 14 - 16 Haziran 2023, ss.90

- VI. **Recent developments on heavy metal content of honey products**

İZOL E., GÜLÇİN İ.

2. Atlas International Conference on Research in Apllied Sciences, Konya, Türkiye, 09 Mart 2023, ss.98-103

- VII. **Recent developments in bioactivity studies in honey products**

İZOL E., GÜLÇİN İ.

2. Atlas International Conference on Research in Apllied Sciences, Konya, Türkiye, 09 Mart 2023, ss.92-96

- VIII. **Investigation of the effect of coniferyl alcohol and coniferyl aldehyde on some metabolic enzymes.**

Üç E. M., GÜLÇİN İ.

3. Euroasia Biochemical Approaches and Technologies Congress (3. EBAT), 04 Kasım 2022

- IX. **Biochemical Evaluation of Anti-Inflamatuvar, Anti-Apoptotic And Anti-Otophagic Properties Of Silimarine And Naringin on Methodrexate-Induced Nephrotoxicity in Rats.**

KANDEMİR F. M., KÜÇÜKLER S., ÇAĞLAYAN C., GÜR C., BATIL a., GÜLÇİN İ.

Uluslararası Gıda Tarım ve Hayvancılık Kongresi, 19 - 22 Ekim 2019

- X. **Ratlarda, Metotreksat ile İndüklenen Nefrotoksisite Üzerine, Silimarin ve Naringinin Anti-Oksidan, Anti-Enflamatuvar, Anti-Apoptotik ve Anti-Otofajik Özelliklerinin Biyokimyasal Olarak Değerlendirilmesi**

KANDEMİR F. M., KÜÇÜKLER S., ÇAĞLAYAN C., GÜR C., BATIL A. A., GÜLÇİN İ.

ULUSLARARASI GIDA, TARIM VE HAYVANCILIK KONGRESİ, Gaziantep, Türkiye, 19 - 22 Eylül 2019

- XI. **Inhibitory Effects of Tarragon (*Artemisia dracunculus* L.) on Monoamine Oxidase A and B Enzymes**

AYDIN T., AKINCIOĞLU H., GUMUSTAS M., GÜLÇİN İ., KAZAZ C., ÇAKIR A.

IUPAC PARIS 2019, 7 - 12 Temmuz 2019

- XII. **Determination of Antioxidant Capacity of Xanthurenic Acid**

TOPAL F., GÜLÇİN İ.

4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES, Ağrı, Türkiye, 19 - 22 Haziran 2019

- XIII. **Inhibition Properties of Teucroside, Arbutin, and Oleuropein on Carbonic Anhydrase and Acetylcholinesterase Enzyme Activity**

KAYA R., DEMİR Y., TASLIMI p., GÜLÇİN İ., ELMAS TAŞ M.

1st International Congress on Analytical and Bioanalytical Chemistry, 27 - 30 Mart 2019

- XIV. **The Activities of Carbonic Anhydrase and Acetylcholinesterase Enzymes in Different Tissues Related to Respiratory, Excretory and Reproductive Systems of Rats Under The Wireless Electromagnetic Fields Exposure**

PEKTAŞ A. N., KOÇYİĞİT Ü. M., DASTAN T., DURNA DAŞTAN S., TASLIMI p., GÜRSES F., GÜLÇİN İ.

International Conference on Science and Technology ICONST 2018, Prizren, Sırbistan Ve Karadağ, 5 - 09 Eylül 2018

- XV. **Synthesis of Novel Baminocarbonyl Compounds and Determination Their Inhibition Effects on Some Metabolic Enzymes**

BİÇER A., TASLIMI P., TURGUT CİN G., GÜLTEKİN M. S., GÜLÇİN İ.

4th Organic Chemistry Congress with International Participation, 4 - 07 Ekim 2018

- XVI. **DETERMINATION OF SOME BIOFUNCTIONAL PROPERTIES OF *Allium tuncelianum* (Kollman) Özhatay, Matthew Şiraneci AND *Allium sativum* L.**

- ŞEHİTOĞLU M. H., YARALI KARAKAN F., ÖZTOPUZ R. Ö., KIZILKAYA B., GÜLÇİN İ.
4th International Symposium of Medicinal and Aromatic Plants, 2 - 04 Ekim 2018
- XVII. **Synthesis of New Bis-sulfide Compounds and Testing of Enzyme Activities**
BİÇER A., TASLIMI P., TURGUT CİN G., GÜLTEKİN M. S., GÜLÇİN İ.
4th Organic Chemistry Congress with International Participation, 4 - 07 Ekim 2018
- XVIII. **The Efficiency of Sinapic acid on oxidative parameters in secondary lung and kidney damage in the peritonite model provoked by sepsis in rats**
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., ÖZBEK ŞEBİN S., GÜLÇİN İ.
Europhysiology 2018, London, UK, Londrina, Brezilya, 14 - 16 Eylül 2018, ss.367-368
- XIX. **Role of p-Coumaric Acid on Reproductive and Remote Organ Damages Created by Adnexial Torsion/Detorsion**
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., NACAR T., GÜLÇİN İ.
Europhysiology 2018, London, uk, Londrina, Brezilya, 14 - 16 Eylül 2018, ss.368
- XX. **Role of p-Coumaric acid in alleviating of the intestinal Ischemia/Reperfusion injury**
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., ÖZBEK ŞEBİN S., GÜLÇİN İ.
Europhysiology 2018, London, UK, Londrina, Brezilya, 14 - 16 Eylül 2018, ss.367
- XXI. **COMPARING THE EFFECTS OF POLYHEXANIDE, POLOXAMER AND COMFREY (SYMPHYTUM OFFICINALE L.) ON THE TREATMENT OF THIRD-DEGREE BURN OF RATS**
YAKAN S., DAĞLIOĞLU Y. K., ERDOĞAN K. E., GÜL M., EKİNCİ AKDEMİR F. N., GÜLÇİN İ.
3rd International Congress on Advances in Veterinary Science and Technics (ICAVST), September 5-9, 2018
Belgrade, Serbia, 5 - 09 Eylül 2018
- XXII. **Design and synthesis of novel benzylurea derivatives as anticholinergic agents**
AKINCIOĞLU A., AKINCIOĞLU H., GÖKSU S., GÜLÇİN İ.
International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), Antalya, Türkiye, 9 - 12 Mayıs 2018
- XXIII. **the effects of argan oil and polyhexanide in the treatment of wounds with tissue loss infected with Staphylococcus aureus in mice**
DAĞLIOĞLU Y. K., YAKAN S., ERDOĞAN K. E., KÖKSAL F., EKİNCİ AKDEMİR F. N., GÜLÇİN İ., KIZILYILDIRIM S., ALDIK R.
international conference on life and engineering sciences, 2 - 06 Eylül 2018
- XXIV. **Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons**
GÖK Y., Behcet A., BARUT CELEPCİ D., AKTAŞ A., TASLIMI P., AYGÜN M., KAYA R., GÜLÇİN İ.
31st European Crystallographic Meeting, Oviedo, İspanya, 22 - 27 Ağustos 2018
- XXV. **Wireless electromagnetic field exposure on carbonicanhydrase and acetylcholinesterase activities in different rat tissues**
BARAL İ., KOÇYİĞİT Ü. M., TASLIMI p., GÜRSES F., SOYLU S., DASTAN T., DURNA DAŞTAN S., GÜLÇİN İ.
4th INTERNATIONALCONGRESS onVETERINARY and ANIMALSCIENCES, 12 - 15 Temmuz 2018
- XXVI. **Novel N-propylphthalimide-substituted Benzimidazole Salts: Synthesis, Characterization, and Determination of Inhibition Profiles Against Acetylcholinesterase and Carbonic Anhydrase Enzymes**
GÖK Y., Behcet A., BARUT CELEPCİ D., AKTAŞ A., TASLIMI P., AYGÜN M., KAYA R., GÜLÇİN İ.
1st International Conference on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Türkiye, 19 - 21 Haziran 2018
- XXVII. **Purification of the Carbonic Anhydrase Enzyme from Horse Mackerel, Trachurus trachurus (Linneaus, 1758), Gills andInhibition Effects of Some Pesticides on Enzyme Activity**
Çağlayan C., Taslımı P., Türk C., Gülçin İ., Kandemir F. M., Demir Y., Beydemir Ş.
I.International Agricultural Science Congress, Van, Türkiye, 9 - 12 Mayıs 2018
- XXVIII. **The Impacts of Some Sedative Drugs on α -Glycosidase, Acetylcholinesterase and Butyrylcholinesterase Enzymes-Potential Drugs for Some Metabolic Diseases**
KAYA R., Taslımı P., naldan m. e., GÜLÇİN İ.
ICANAS, 9 - 12 Mayıs 2018

- XXIX. **Radioprotective effects of some flavonoids on the carbonic anhydrase parameter of AUERAC rats irradiated with γ -rays**
YILDIZ M., KIZILTUNÇ ÖZMEN H., AŞKIN H., GÜLÇİN İ., UĞUZ H., EKİNCİ AKDEMİR F. N., TASLIMI P.
7th International Congress on Molecular Biology and Biotechnology, 25 - 27 Nisan 2018
- XXX. **Radioprotective effects of some flavonoids on the carbonic anhydrase parameter of AUREAC rats irradiated with γ -rays**
YILDIZ M., KIZILTUNÇ ÖZMEN H., AŞKIN H., GÜLÇİN İ., UĞUZ H., EKİNCİ AKDEMİR F. N., taslimi p.
7th International Molecular Biology and Biotechnology Congress, 25 - 27 Nisan 2018
- XXXI. **Radioprotective effects of some flavanoids on the carbonic anhydrase parameter of AUERAC rats irradiated with γ -rays**
Yıldız M., Kızıltunç Özmen H., Aşkın H., Gülçin İ., Uğuz H., Ekinci Akdemir F. N., Taslimi P.
7th International Molecular Biology and Biotechnology Congress, Konya, Türkiye, 25 - 27 Nisan 2018
- XXXII. **EFFECT OF TANGERETIN ON α -GLUCOSIDASE ENZYME**
TASLIMI P., DURMAZ L., GÜLÇİN İ.
1st International Congress of Veterinary Biochemistry and Clinical Biochemistry, 15 Nisan 2018
- XXXIII. **1-(4-(Hidroksi(1-okso-1,3-dihidro-2H-inden-2-iliden)metil)fenil)-3-fenilüre Türevlerinin Karbonik Anhidraz ve Asetilkolinesteraz Enzimleri Üzerine İnhibisyon Etkileri**
KOÇYİĞİT Ü. M., GEZEĞEN H., TASLIMI P., GÜLÇİN İ., CEYLAN M.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 22 - 25 Mart 2018
- XXXIV. **Yeni Hidrazin Türevlerinin Glutasyon S-Transferaz Enzim Aktivitesine Etkisinin Araştırılması**
AKKAYA R., KOÇYİĞİT Ü. M., GURDERE M. B., BUDAK Y., CEYLAN M., TEMEL Y., TAYSI M. Ş., GÜLÇİN İ.
6. ilaç Kongresi, 22 - 25 Mart 2018
- XXXV. **Bazı phloroglucinol türevlerinin sentezi ve biyolojik aktivite çalışmaları**
YILMAZ A. O., BURMAOĞLU S., TASLIMI P., KILIÇ D., GÜLÇİN İ.
6. uluslararası katılımlı ilaç kimyası kongresi, 22 - 25 Mart 2018
- XXXVI. **4-Amino Kalkon Türevlerinin Karbonik Anhidraz ve Asetilkolinesteraz Enzim Aktiviteleri Üzerine Etkileri**
GURDERE M. B., KOÇYİĞİT Ü. M., BUDAK Y., ÖZBEK O., ASLAN O. N., TASLIMI P., GÜLÇİN İ., CEYLAN M.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 22 - 25 Mart 2018
- XXXVII. **Glutasyon S-Transferaz Enziminin Bildircin Karaciğer Dokusundan Saflaştırılması ve (3aR,4S,7R,7aS)-2-(4-((E)-3-(Aril)akriloil)fenil)-3a,4,7,7a-tetrahidro-1H-4,7-metanoizindol-1,3 (2H)-dion Türevlerinin Enzim Aktivitesi Üzerine Etkisinin Araştırılması**
KOÇYİĞİT Ü. M., CEYLAN M., BUDAK Y., GURDERE M. B., ÖZBEK O., ASLAN O. N., TEMEL Y., TAYSI M. R., GÜLÇİN İ.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 22 - 25 Mart 2018
- XXXVIII. **Bazı Phloroglucinol Türevlerinin Sentezi ve Biyolojik Aktivite Çalışmaları**
YILMAZ A. O., BURMAOĞLU S., TASLIMI P., KILIÇ D., GÜLÇİN İ.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 22 - 25 Mart 2018
- XXXIX. **Yeni Hidrazin Türevlerinin S-Transferaz Enzim Aktivitesine Etkisinin Araştırılması**
AKKAYA R., KOÇYİĞİT Ü. M., GURDERE M. B., BUDAK Y., CEYLAN M., TEMEL Y., TAYSI M. R., GÜLÇİN İ.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 Mart 2018
- XL. **Sığır Laktoperoksidaz Enzim Sistemi Üzerine Ağır Metal (Pb², Ag, Cu²) İyonlarının İnhibisyon Etkileri**
KALIN R., GERNİ S., EREL D., ÖZDEMİR H., GÜLÇİN İ.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 Mart 2018
- XLI. **Horseradish Peroksidaz (HRP) Enzim Aktivitesi Üzerine Bazı Doğal Ürünlerin Etkilerinin İncelenmesi**

KALIN R., GERNİ S., EREL D., ÖZDEMİR H., GÜLÇİN İ.

Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 23 Mart 2018

- XLII. **Inhibitory Effects of Isatin Mannich Bases on Carbonic Anhydrases, Acetylcholinesterase, and Butyrylcholinesterase**
ÖZMEN ÖZGÜN D., YAMALI C., GÜL H. İ., TASLİMİ P., GÜLÇİN İ., YANIK T., Supuran C. T.
2018 5th International Conference on Chemical and Biological Sciences (ICCBS 2018) BUCHAREST CONFERENCE, ROMANIA, Romanya, 7 - 09 Mart 2018
- XLIII. **Determination of some Biofunctional properties of Allium tuncelianum ((Kollman) Ozhatay, Matthew & Siraneci) and Allium sativum L.**
ŞEHİTOĞLU M. H., YARALI KARAKAN F., KIZILKAYA B., ÖZTOPUZ R. Ö., GÜLÇİN İ.
4. International Symposium of Medicinal and Aromatic Plants, İzmir, Türkiye, 02 Ekim 2018, ss.32
- XLIV. **Effect of Some Antibiotics on Glutathione-S-Transferase Activity in Kidney, Heart and Liver Tissues**
TÜRKAN F., HUYUT Z., GÜLÇİN İ., Taslimi P., Huyut M. T.
Uluslararası Biyokimya Kongresi, 19 - 23 Eylül 2017
- XLV. **IN VITRO INHIBITION EFFECTS OF SOME NATURAL PHENOLIC COMPOUNDS ON SOME ENZYME ACTIVITIES**
ÇAĞLAYAN C., TASLİMİ P., GÜLÇİN İ.
INTERNATIONAL BIOCHEMICAL CONGRESS 2017, 19 - 23 Eylül 2017
- XLVI. **"Formononetin'in Asetilkolinesteraz enzimi üzerine inhibisyon etkisinin incelenmesi "**
DURMAZ L., GÜLÇİN İ.
19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Türkiye, 1 - 03 Aralık 2017
- XLVII. **"Scopoletin'in Antioksidan Kapasitesinin Belirlenmesi", ,**
DURMAZ L., GÜLÇİN İ.
19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Türkiye, 1 - 03 Aralık 2017
- XLVIII. **"Formononetin'in Antioksidan Kapasitesinin Belirlenmesi", , ESKİŞEHİR, TÜRKİYE, 1-3 Aralık 2017, no.S-TBB-4, ss.161-161**
DURMAZ L., GÜLÇİN İ.
19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Türkiye, 1 - 03 Aralık 2017
- XLIX. **Bazı Antibiyotiklerin Karaciğer, Böbrek ve Kalp Dokularında Glutathione-S-Transferaz Aktivitesi Üzerine Etkisi**
TÜRKAN F., HUYUT Z., TASLİMİ P., HUYUT M. T., GÜLÇİN İ.
28. ULUSAL ve ULUSLARARASI BİYOKİMYA KONGRESİ, Erzurum, Türkiye, 19 - 23 Eylül 2017, ss.137
- L. **Investigation of in Vivo Effects of Arachidonoyl Dopamine on Lipid Peroxidation and Some Enzyme Activities in Rat Tissue and Erythrocytes**
HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ., HUYUT M. T.
Innovation in Medicine Summit, Gaziantep, Türkiye, 11 - 13 Mayıs 2017, ss.127
- LI. **Investigation of Acetylcholinesterase, and Carbonic Anhydrase Inhibition Profiles of Novel bis(α -aminoalkyl)phosphinic Acid Derivatives**
KOÇYİĞİT Ü. M., DASTAN T., DURNA DAŞTAN S., TASLİMİ T., ÖREK C., OTAĞ İ., KOPARIR M., ÇETİN A., GÜLÇİN İ.
3rd INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES (3rd ITWCCST), Baku, Azerbaycan, 10 - 13 Ekim 2017
- LII. **"Tangeretin'in Antioksidan Kapasitesinin Belirlenmesi"**
DURMAZ L., GÜLÇİN İ.
6. Ulusal Moleküler biyoloji ve biyoteknoloji kongresi, Adana, Türkiye, 5 - 07 Ekim 2017
- LIII. **Effects of Pre-seasonal Trainings on Oxidative Stress and Nitric Oxide**
SOSLU R., EKİNCİ AKDEMİR F. N., GÜLÇİN İ.
43. Ulusal Fizyoloji Kongresi, Türkiye, 7 - 10 Ekim 2017
- LIV. **Synthesis of Diamine Derivatives By 2-Amino-3-Cyanoquinolin and Investigation of Inhibitor Effects on Carbonic Anhydrase I and II**
ALTUNDAŞ A., GÜL B., ÇANKAYA M., ATASEVER A., GÜLÇİN İ.

3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 Ekim 2017

- LIV. **Inhibition Effects of 2-Amino-3-Cyanoquinolin Derivatives on Carbonic Anhydrase I and II**
ALTUNDAŞ A., GÜL B., ÇANKAYA M., ATASEVER A., GÜLÇİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, 5 - 07 Ekim 2017, ss.75
- LVI. **INVESTIGATION OF BIOLOGICAL ACTIVITY OF HYDROALCHOLIC EXTRACT OF AN ENDEMIC PLANT *Achillea cucullata***
ERUYGUR N., KOÇYİĞİT Ü. M., ATAŞ M., YOKUS A., TEKİN M., TASLIMI P., GÜLÇİN İ.
International Symposium on Medicinal, aromatic and dye plants, Malatya, Türkiye, 5 - 07 Ekim 2017
- LVII. **Synthesis and carbonic anhydrase inhibitory activities of some novel azafluorenone derivatives.**
GÜL H. İ., TUĞRAK M., GÜLÇİN İ.
3rd International Multidisciplinary Symposium on Drug Research and Development-DRD 2017, 5 - 07 Ekim 2017
- LVIII. **Synthesis, Molecular Modeling and Biological Evaluation of 4-[5-aryl-3-(thiophen-2-yl)-4,5-dihydro-1H-pyrazol-1-yl] benzenesulfonamides**
YAMALI C., GÜL H. İ., ECE A., GÜLÇİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 Ekim 2017, ss.100
- LIX. **Synthesis and Carbonic Anhydrase Inhibitory Activities of Some Novel Azafluorenone Derivatives**
GÜL H. İ., TUĞRAK M., GÜLÇİN İ.
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 Ekim 2017
- LX. **Synthesis, molecular modeling and biological evaluation of 4-[5-aryl-3-(thiophen-2-yl)-4,5-dihydro-1H-pyrazol-1-yl]benzenesulfonamides**
YAMALI C., GÜL H. İ., ECE A., GÜLÇİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, Erzurum, Turkey, 5 - 07 Ekim 2017
- LXI. **SYNTHESIS AND CARBONIC ANHYDRASE INHIBITORY ACTIVITIES OF SOME NOVEL AZAFLUORENONE DERIVATIVES**
GÜL H. İ., TUĞRAK M., GÜLCİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development0, Erzurum, Türkiye, 5 - 07 Ekim 2017, ss.1
- LXII. **Design, Synthesis and Bioevaluation of Pyrazoline Derivatives Bearing Primary Sulfonamide As Carbonic Anhydrase Inhibitors**
GÜL H. İ., YAMALI C., ÖZMEN ÖZGÜN D., GÜLÇİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017 , Erzurum, Turkey, 5 - 07 Ekim 2017
- LXIII. **Purification and Characterization of The Carbonic Anhydrase Enzyme from Goat Liver and Inhibition Effects of Some Heavy Metal Ions on Enzyme Activity**
ÇAĞLAYAN C., GÜLÇİN İ.
INTERNATIONAL CONGRESS OF HEALTH AND ENVIRONMENT, Adana, Türkiye, 23 Eylül 2017
- LXIV. **Purification and Characterization of Carbonic Anhydrase Enzyme from Goat Kidney: The Toxicological Impacts of Some Heavy Metals on Enzyme Activity**
ÇAĞLAYAN C., GÜLÇİN İ.
INTERNATIONAL CONGRESS OF HEALTH AND ENVIRONMENT, Adana, Türkiye, 23 - 25 Eylül 2017
- LXV. **"Tangeretin'in Asetilkolinesteraz Enzimi Üzerine İnhibisyon Etkisinin İncelenmesi Investigation of the Inhibitory Effect of Tangeretin on Acetylcholinesterase Enzyme "**
DURMAZ L., GÜLÇİN İ.
Uluslararası katılımlı 28. Ulusal Biyokimya kongresi, ERZURUM, TÜRKİYE, Erzurum, Türkiye, 19 - 23 Eylül 2017
- LXVI. **Biological Activity Assessment on Aqueous Ethanol Extract of an Endemic Plant- *Astragalus Dumanii*. Ekici Aytaç Growing in Sivas**

KOÇYİĞİT Ü. M., ERUYGUR N., TEKİN M., TASLIMI p., GÜLÇİN İ.

1. Uluslararası Biyokimya Kongresi, Erzurum, Türkiye, 19 - 23 Eylül 2017

- LXVII. **"Genistein'in Antioksidan Kapasitesinin Belirlenmesi Determination of Antioxidant Capacity of Genistein "**

DURMAZ L., GÜLÇİN İ.

Uluslararası katılımlı 28. Ulusal Biyokimya kongresi, Erzurum, Türkiye, 19 - 23 Eylül 2017

- LXVIII. **Bis-1,2,4-Triazol İçeren Bazı Yeni Piridin Bileşiklerinin Sentezi ve Antioksidan Özellikleri**

DAŞTAN T., BULUT N., KOÇYİĞİT Ü. M., GEÇİBESLER İ. H., KARCI H., TASLİMİ P., DURNA DAŞTAN S., GÜLÇİN İ., ÇETİN A.

28. Ulusal Biyokimya Kongresi, Türkiye, 17 - 23 Eylül 2017

- LXIX. **Synthesis and Antioxidant Properties of Novel Pyridine Compounds Containing Bis-1,2,4-triazole Moiety**

DASTAN T., BULUT N., KOÇYİĞİT Ü. M., GEÇİBESLER İ. H., KARCI H., PARHAM T., DURNA DAŞTAN S., GÜLÇİN İ., ÇETİN A.

28.Uluslararası Biyokimya Kongresi-2017, Erzurum, Türkiye, 19 - 23 Eylül 2017, ss.106

- LXX. **Inhibitory Effects of Some Drugs on Carbonic Anhydrase Enzyme Purified from KangalAkkaraman Sheep in Sivas, Turkey**

KOÇYİĞİT Ü. M., DURNA DAŞTAN S., taslimi p., DAŞTAN T., GÜLÇİN İ.

3rd International Turkic World Conference on chemical Sciences And Technologies, 10 - 13 Eylül 2017

- LXXI. **ANTIOXIDANT ACTIVITIES OF ROSA CANINA SPECIES COLLECTED FROM TURKEY**

IŞIK M., KANBUR H., DİKİCİ E., TOZOĞLU F., BEYDEMİR Ş., GÜLÇİN İ., KÖKSAL E.

1st International Congress on Medical and Aromatic Plants, 10 - 12 Mayıs 2017

- LXXII. **Carbonic Anhydrase Isoenzymes inhibition effects of new pyrazoline benzenesulfonamides**

ÖZMEN ÖZGÜN D., GÜL H. İ., YAMALI C., GÜLÇİN İ., SUPURAN C. T.

3RD SARELLITE MEETING ON CARBONIC ANHYDRASE NEW TRENDS IN CARBONIC ANHYDRASES RESEARCH, Florence, İtalya, 24 - 27 Mayıs 2017

- LXXIII. **Carbonic Anhydrase isoenzymes inhibition effects of new pyrazoline benzenesulfonamides**

Özgün D. O., GÜL H. İ., YAMALI C., GÜLÇİN İ., Supuran C. T.

The 3rd Satellite Meeting on Carbonic Anhydrase, Montecatini Terme, İtalya, 24 - 27 Mayıs 2017, ss.74

- LXXIV. **SYNTHESIS AND CARBONIC ANHYDRASE INHIBITOR ACTIVITY OF MONO MANNICH BASES CONTAINING VANILLIN MOIETY**

TUĞRAK M., GÜL H. İ., GÜLÇİN İ., Sakagami H., ÖZMEN ÖZGÜN D.

New Trends in Carbonic Anhydrases Research, Montecatini, İtalya, 24 - 27 Mayıs 2017

- LXXV. **SYNTHESIS AND BIOACTIVITIES OF PHENOLIC CHALCONE AND BIS MANNICH BASES**

TUĞRAK M., GÜL H. İ., GÜLÇİN İ., Sakagami H., ÖZMEN ÖZGÜN D.

New Trends in Carbonic Anhydrases research, Montecatini, İtalya, 24 - 27 Mayıs 2017

- LXXVI. **SYNTHESIS AND INVESTIGATION OF CARBONIC ANHYDRASE INHIBITOR ACTIVITY OF SOME NOVEL SULPHONAMIDE DERIVATIVES**

TUĞRAK M., GÜL H. İ., GÜLÇİN İ., Sakagami H., ÖZMEN ÖZGÜN D.

New Trends in Carbonic Anhydrases Research, Montecatini, İtalya, 24 - 27 Mayıs 2017

- LXXVII. **Some Sulfonamide Derivatives as Effective Lactoperoxidase Inhibitors**

KÖKSAL Z., KALIN R., CAMADAN Y., USANMAZ H., ALMAZ Z., GÜLÇİN İ., Gökçen T., Goren A. C., ÖZDEMİR H.

International Conference on Advances in Natural and Applied Sciences, 18 - 21 Mayıs 2017

- LXXVIII. **Inhibition properties of some flavonoids on carbonic anhydrase I and II isoenzymes purified from human erythrocytes.**

HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ.

SANKO University Innovation in Medicine Summit-3, 11 - 13 Mayıs 2017

- LXXIX. **Investigation of in vivo effects of arachidonoyl dopamine on lipid peroxidation and some enzyme activities in rat tissue and erythrocytes**

HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ., HUYUT M. T.

SANKO University Innovation in Medicine Summit-3, 11 - 13 Mayıs 2017

- LXXX. **Inhibition properties of some flavonoids of carbonic anhydrase I and II isoenzymes purified from human erythrocytes**
HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ.
SANKO UNIVERSITY INNOVATION IN MEDICINE SUMMIT-III, 11 - 13 Mayıs 2017
- LXXXI. **Antioxidant, antimicrobial activities and phenolic compounds of *Lycopus europaeus* determined by LC-MS/MS.**
ARAS A., KÖKSAL E., TOHMA H., KILIÇ Ö., ALAN Y., GÜLÇİN İ., BURSAL E.
1. Uluslararası Tıbbi ve Aromatik Bitkiler Kongresi (TABKON 2017), Konya, Türkiye, 10 - 12 Mayıs 2017
- LXXXII. **Antioxidant Potencies of Endemic Species Grow in Turkey: *Iris taochia* and Its New Anti-Glycemic Effected Natural Chemical Compound: α -Amyrin**
AŞKIN H., GÜLÇİN İ., Taslimi P., BAKIRCI Ş., YILDIZ M., YILMAZ B.
ECOLOGY 2017, 11 - 13 Mayıs 2017
- LXXXIII. **Investigation of in vivo effects of arachidonyl dopamine on lipid peroxidation and some enzyme activities in rat tissue and erythrocytes**
HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ., HUYUT M. T.
SANKO UNIVERSITY INNOVATION IN MEDICINE SUMMIT-III, 3 - 11 Mayıs 2017
- LXXXIV. **Investigation of in vivo effects of Arachidonoyl Dopamine on lipid peroxidation and some enzyme activities in rat tissue and erythrocytes**
HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ., HUYUT M. T.
Sanko University, Innovation in Medicine Summit-3, Gaziantep, Türkiye, 11 - 13 Mayıs 2017, ss.127
- LXXXV. **Inhibition properties of some flavonoids on carbonic anhydrase I, and II isoenzymes purified human erythrocytes**
HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ.
Sanko University, Innovation in Medicine Summit-3, Gaziantep, Türkiye, 11 - 13 Mayıs 2017, ss.55
- LXXXVI. **The Effect of Caffeic Acid Phenethyl Ester (CAPE) on Metabolic Enzymes of Acetylcholinesterase, Butyrylcholinesterase and Lactoperoxidase**
AKINCIOĞLU H., GÜLÇİN İ., KÖKSAL Z.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, ANTALYA, TURKEY, Antalya, Türkiye, 18 - 21 Nisan 2017
- LXXXVII. **C31 Antioxidant, antimicrobial activities, and phenolic compounds of *Lycopus europaeus*.**
ARAS A., KÖKSAL E., TOHMA H., KILIÇ Ö., ALAN Y., GÜLÇİN İ.
I. International Congress on Medicinal and Aromatic Plants (TABKON 2017), 9 - 11 Mayıs 2017
- LXXXVIII. **The Synthesis of Novel Sulfamides Derived from b-Benzylphenethylamines as Acetylcholinesterase, Butyrylcholinesterase and Carbonic Anhydrase Enzymes Inhibitors**
AKINCIOĞLU A., AKINCIOĞLU H., GÜLÇİN İ., GÖKSU S.
International Conference on Advances in Natural and Applied Sciences 2017, Antalya, Türkiye, 18 - 21 Nisan 2017
- LXXXIX. **C30 Antioxidant Properties, and Phenolic Compounds of *Saponaria L.* Determined by LC/MS-MS.**
KÖKSAL E., TOHMA H., KILIÇ Ö., ALAN Y., GÜLÇİN İ., BURSAL E.
I. International Congress on Medicinal and Aromatic Plants (TABKON 2017), 9 - 11 Mayıs 2017
- XC. **Synthesis and Characterization and Antimicrobial Studies of Naphthyl Substituted Imidazolidinium Salts and Their Silver(I)-N-Heterocyclic Carbene Complexes**
GÖK Y., Behcet A., BARUT CELEPCI D., AKTAŞ A., TASLIMI P., AYĞÜN M., KAYA R., GÜLÇİN İ.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Türkiye, 26 - 29 Nisan 2017
- XCII. **The synthesis of novel sulfamides derived from β -benzylphenethylamines as acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase enzymes inhibitors**
AKINCIOĞLU A., AKINCIOĞLU H., GÖKSU S., GÜLÇİN İ.
International Conference on Advances in Natural and Applied Sciences 2017, 18 - 21 Nisan 2017
- XCIII. **Role of Eugenol in the Amelioration of Peptic Ulcers in Indomethacin Induced Rats**
EKİNCİ AKDEMİR F. N., GÜRSUL C., GÜL M., GÜLÇİN İ.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, Antalya, Türkiye, 18 - 21 Nisan 2017, ss.353

- XCIII. Antioxidant capacity of diethylstilbestrol**
POLAT KÖSE L., GÜLÇİN İ.
International Conference on Advances in Natural and Applied Sciences 2017, 18 - 21 Nisan 2017
- XCIV. Novel 4-vinylbenzyl Substituted NHC Precursors(Imidazolidinium): Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties**
AKTAŞ A., TASLIMI P., GÜLÇİN İ., GÖK Y.
2nd International Conference on Advances in Natural and Applied Sciences. (ICANAS 2017), Antalya, Türkiye, 18 - 21 Nisan 2017
- XCV. Inhibition effects of avocado leaf (Folium persea) on the acetylcholinesterase and butyrylcholinesterase enzymes.**
POLAT KÖSE L., GÜLÇİN İ.
International Conference on Advances in Natural and Applied Sciences 2017, 18 - 21 Nisan 2017
- XCVI. Synthesis and Inhibitor Properties of Sulfamides Derived from Acetophenones**
AKINCIOĞLU A., AKINCIOĞLU H., GÖKSU S., GÜLÇİN İ.
International Conference on Advances in Natural and Applied Sciences 2017, 18 - 21 Nisan 2017
- XCVII. Novel N-propylphthalimide substituted NHC precursors: Synthesis, characterization and carbonic anhydrase and acetylcholinesterase inhibitory properties**
AKTAŞ A., TASLIMI P., GÜLÇİN İ., GÖK Y.
2nd international conference on advances in natural and applied science, 18 - 21 Nisan 2017
- XCVIII. Molsidomine against oxidative damages caused by methotrexate in the liver of rats**
EKİNCİ AKDEMİR F. N., GÜLÇİN İ., BİNGÖL Ç., GÜRSUL C.
International Conference on Advances in Natural and Applied Sciences-ICANAS 2017, 18 - 21 Nisan 2017
- XCIX. Role of eugenol in the amelioration of peptic ulcer in indomethacin-induced rats**
EKİNCİ AKDEMİR F. N., GÜRSUL C., GÜL H. İ., GÜLÇİN İ.
International Conference on Advances in Natural and Applied Sciences-ICANAS, 18 - 21 Nisan 2017
- C. Novel 4-vinylbenzyl substituted NHC precursors: Synthesis, characterization and carbonic anhydrase and acetylcholinesterase inhibitory properties.**
AKTAŞ A., TASLIMI P., GÜLÇİN İ., GÖK Y.
International Conference on Advances in Natural and Applied Sciences 2017, 18 - 21 Nisan 2017
- CI. Synephrin and Phenylephrine: Investigation of Their Effects on Acetylcholinesterase Enzyme**
AKINCIOĞLU H., GÜLÇİN İ.
International Conference on Advances in Natural and Applied Sciences 2017, 18 - 21 Nisan 2017
- CII. Molsidomine Against Oxidative Damage Induced by Methotrexate in the Rats Liver.**
EKİNCİ AKDEMİR F. N., GÜLÇİN İ., BİNGÖL Ç., GÜRSUL C.
2nd International Conference on Advances in Natural and Applied Sciences (ICANAS'17), Antalya, Türkiye, 18 - 21 Nisan 2017
- CIII. Bazı Bromofenollerin Antioksidan Kapasitelerinin Belirlenmesi Ve İnsan Karbonik Anhidraz İzoenzimleri İle Asetilkolinesteraz ve Bütirilkolinesteraz Enzimleri Üzerine Etkilerinin Araştırılması**
ÖZTAŞKIN N., TASLIMI P., MARAŞ A., GÖKSU S., GÜLÇİN İ.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017
- CIV. INVESTIGATION OF CARBONIC ANHYDRASE AND ACETYLCHOLINESTERASE ACTIVITIES OF NOVEL HYBRID HYDRAZINE DERIVATIVES**
KOÇYİĞİT Ü. M., BUDAK Y., ASLAN O. N., GÜRDERE M. B., CEYLAN M., ÖZBEK O., DÜRÜ N., GÜLÇİN İ., TASLIMI P.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017
- CV. Yeni Pirazolil-Tiyazol Türevlerinin Karbonik Anhidraz ve Asetilkolinesteraz Aktiviteleri**
GÜRDERE M. B., BUDAK Y., KOÇYİĞİT Ü. M., ÖZBEK O., OZCAN K., TASLIMI P., GÜLÇİN İ., CEYLAN M., ASLAN O. N.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017
- CVI. 5,6-Dibromo-2-(4-(2,3-Dibromo-3-(Aryl) Propanoic) Fenil) Heksahidro-1H-4,7-Metanoizindol-1,3**

(2H)-Dion Türevlerinin Karbonik Anhidraz Aktiviteleri

BUDAK Y., KOÇYİĞİT Ü. M., GÜRDERE M. B., ÖZBEK O., ELİGÜZEL F., GÜLÇİN İ., CEYLAN M., ASLAN O. N.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017

CVII. Yeni 2-(4-((E)-3-(3-Aril) Akrilolil) Fenil-3A,4,7,7A-Tatrahidro-1H-4,7-Metanoizindol-1,3(2H)-Dion Türevlerinin Karbonik Anhidraz İnhibisyonu

BUDAK H., GÜRDERE M. B., KOÇYİĞİT Ü. M., ERTÜRK F., ASLAN O. N., ÖZBEK O., GÜLÇİN İ., CEYLAN M.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Nisan - 02 Mayıs 2017

CVIII. Amino Asitlerden Elde Edilen Kiral Schiff Bazlarının CA-I ve CA-II izoenzimleri Üzerine Etkilerinin İncelenmesi

ŞENDİL K., POLAT L., GÖKSU H., DEMİRCİOĞLU İ. H., GÜLÇİN İ., GÜLTEKİN M. S.

Uluslararası Katılımlı: İlaç Kongresi, 30 Mart - 02 Nisan 2017

CIX. Yeni Kalkone-imide Türevlerinin Karbonik Anhidraz ve Asetilkolinesteraz Enzim Aktiviteleri Üzerine Etkileri

KOÇYİĞİT Ü. M., BUDAK Y., TASLIMI P., GÜRDERE M. B., ERTÜRK F., GÜLÇİN İ., CEYLAN M.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017

CX. 1,2,3,4,6-Pentasubstitüe-4-hidroksi-sikloheksan türevleri: Potansiyel Karbonik Anhidraz Enzim İnhibitörleri

KOÇYİĞİT Ü. M., GEZEĞEN H., GÜLÇİN İ., CEYLAN M.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017

CXI. Potansiyel Asetilkolinesteraz (AChE) İnhibitör Keşfi: 2-Aminoindan B-Laktam Türleri

GENÇ H., KALIN R., KÖKSAL Z., Sadeghian N., KOÇYİĞİT Ü. M., ZENGİN M., GÜLÇİN İ., ÖZDEMİR H.

"5. İLAÇ KİMYASI: İLAÇ ETKİN MADDESİ TASARIMI, SENTEZİ, ÜRETİMİ VE STANDARDİZASYONU KONGRESİ, 30 Mart - 02 Nisan 2017

CXII. Potansiyel Asetilkolinesteraz (AChE) İnhibitör Keşfi: 2-Aminoindan β-Laktam Türevleri

GENÇ H., KALIN R., KÖKSAL Z., SADEGHİAN N., KOÇYİĞİT Ü. M., ZENGİN M., GÜLÇİN İ., ÖZDEMİR H.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017

CXIII. İzolikiritigenin ve 1,1,2,2-Tetrakis(p-hidroksifenil)etan Moleküllerinin Laktoperoksidaz (LPO) Enzim Sistemi Üzerine İnhibisyon Etkisi

KALIN R., GERNİ S., ŞEYMA MEHTAP K., KALIN P., GÜLÇİN İ., ÖZDEMİR H.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017

CXIV. Bazı Pirazolinlerin Sentezi ve Karbonik Anhidraz I İzoenzimi Üzerindeki İnhibisyon Profili

GÜL H. İ., METE E., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017

CXV. Yeni Bir Yöntemle Halohidrin ve Diollerden Karbamat ve Karbonat Sentezi

ŞAHİN K., YILDIZ O., UZUNOĞLU E., ATMACA U., ÇELİK M., GÜLÇİN İ.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 03 Nisan 2017

CXVI. The Effect of Galangin on Indomethacin-Induced Gastric Ulcer in Rats

EKİNCİ AKDEMİR F. N., GÜRSUL C., GÜLÇİN İ.

International Conference on Progress in Applied Science (ICPAS'17), 4 - 07 Ocak 2017

CXVII. P Coumaric Acid Attenuate On Cisplatin Induced Oxidative Stress In Rat s Heart

EKİNCİ AKDEMİR F. N., GÜRSUL C., GÜLÇİN İ., Alvasel S., GÖZCÜ L., BAYIR Y.

6. MULTİDİSİPLİNER KANSER ARAŞTIRMA KONGRESİ, 27 - 30 Ekim 2016

CXVIII. Effect of p Coumaric Acid Against Oxidative Stress Induced by Cisplatin on Brain Tissue

EKİNCİ AKDEMİR F. N., GÜLÇİN İ., GÜRSUL C., Saleh H A., BAYIR Y.

International Science Symposium, 1 - 04 Eylül 2016

- CXIX. **Purification characterization and sensitivity to pesticides of peroxidase from wheat *Triticum aestivum* ssp *vulgare***
Altın S., TOHMA H., GÜLÇİN İ., KÖKSAL E.
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels was supported by The Scientific and Technological Research Council of Turkey, 24 - 27 Mayıs 2016, cilt.8
- CXX. **Determination of antioxidant properties of oenin and callistephin**
HUYUT Z., BEYDEMİR Ş., GÜLÇİN İ., ŞEKEROĞLU M. R.
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Isparta, Türkiye, 24 - 27 Mayıs 2016, cilt.8, ss.501-502
- CXXI. **Anticancer effect of some Silver(I)-N-Heterocyclic carbene complexes on different cancer cell lines**
GÖK Y., Behcet A., BARUT CELEPCI D., AKTAŞ A., TASLIMI P., AYĞÜN M., KAYA R., GÜLÇİN İ.
1st International Cell Death Research Congress, İzmir, Türkiye, 4 - 07 Mayıs 2016
- CXXII. **Synthesis and carbonic anhydrase inhibition of novel 2 isoindole 4 aryl thiazole derivatives**
ASLAN O. N., CEYLAN M., GÜRDERE M. B., BUDAK Y., KOÇYİĞİT Ü. M., GÜLÇİN İ., TEMEL Y.
Anatolian Conference on Synthetic Organic Chemistry II, Kuşadası/AYDIN, Türkiye, 21 - 24 Mart 2016
- CXXIII. **In Vitro Antioxidant Profiles of Some Flavonoids**
AKSOY M., GÜLÇİN İ., KÜFREYOĞLU Ö. İ.
International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Türkiye, 21 - 23 Nisan 2016, cilt.1726
- CXXIV. **Synthesis of 4 2 substituted hydrazinyl benzenesulfonamides and their carbonic anhydrase inhibitory effects**
GÜL H. İ., KÜÇÜKOĞLU K., YAMALI C., BİLGİNER S., YUCA H., ÖZTÜRK İ., Parham T., GÜLÇİN İ., Claudiu S.
International Multidisciplinary Symposium on Drug Research and Development, 15 - 17 Ekim 2015
- CXXV. **Karbonik anhidraz inhibitörleri olarak bazı sülfonamid türevleri**
Taner G., Al M., TOPAL M., GÜLÇİN İ., ÖZTÜRK T., GÖREN A. C.
27. Ulusal Kimya Kongresi, Türkiye, 23 - 28 Ağustos 2015
- CXXVI. **Karbonik Anhidraz Enziminin Kangal Balığının Garra rufa Kas Dokusundan Saflaştırılması ve Bazı Metal İyonlarının Enzim Üzerindeki Etkileri**
KOÇYİĞİT Ü. M., GÜLÇİN İ.
27. Ulusal Kimya Kongresi, Türkiye, 23 - 27 Ağustos 2015
- CXXVII. **Bazı Eugenol Türevlerinin Asetilkolinesteraz Enzimi Üzerine İnhibisyon Etkileri**
TOPAL F., GÜLÇİN İ., GÜNEY M., DAŞTAN A.
27. Ulusal Kimya Kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015
- CXXVIII. **Enterodiol ve Enterolakton'un Antioksidan Özellikleri**
POLAT KÖSE L., GÜLÇİN İ.
3.İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 20 - 22 Mart 2015
- CXXIX. **Synthesis of New Pyridazines and Determination of Their Carbonic Anhydrase Inhibition Properties**
Ramazan K., Esra T. A., Kalın P., TALAZ O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ.
13th Ibn-i Sina International Conference on Pure and Applied Heterocyclic Chemistry, 14 - 17 Şubat 2015
- CXXX. **Synthesis of some new pyridazines and determination of their carbonic anhydrase inhibition properties**
RAMAZAN K., ESRA TURAN A., Kalın P., TALAZ O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ.
13th Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry, 14 - 17 Şubat 2015
- CXXXI. **Hümk Asit in Asetilkolinesteraz Enzimi Üzerine İnhibisyon Etkisinin İncelenmesi**
AKINCIOĞLU H., GÜLÇİN İ.
II. Ulusal Hümk Madde Kongresi, Kahramanmaraş, Türkiye, 26 - 28 Ekim 2014
- CXXXII. **BROMOPHENOL CYCLOPROPANE DERIVATIVES CONTAINING COMPOUNDS INVESTIGATION OF ITS INHIBITION EFFECT ON PURIFIED FROM HUMAN ERYTHROCYTE CARBONIC ANHYDRASE**

IZOENZYMES hCA I and II

TOPAL M., BOZTAŞ M., ÇETİNKAYA Y., GÜLÇİN İ., MENZEK A.

3rd. International Molecular Biology and Biotechnology Congress, 2 - 06 Haziran 2014

CXXXIII. Carbonic Anhydrase Isoenzymes I and II Inhibitory Effects of Bromophenol Derivatives Including Cyclopropane

TOPAL M., BOZTAŞ M., ÇETİNKAYA Y., GÜLÇİN İ., MENZEK A.

3rd International Molecular Biology and Biotechnology Congress, 2 - 06 Haziran 2014

CXXXIV. Potansiyel İnsan Eritrosit Karbonik Anhidraz İzoenzimleri hCA I ve II İnhibitörü Olarak Bazı Sülfamid Türevleri

KALIN P., NADERİ A., AKBABA Y., AKINCIOĞLU A., GÖKSU S., GÜLÇİN İ.

Potansiyel İnsan Eritrosit Karbonik Anhidraz İzoenzimleri (hCA-I ve II) İnhibitörü Olarak Bazı Sülfamid Türevleri.

2. İlaç Kimyası, Üretimi, teknolojisi ve Standardizasyonu Kongresi, Türkiye, 21 - 23 Mart 2014

CXXXV. Antioxidant properties of cynarin purified from the illyrianthistle (Onopordum illyricum L.): a structure-activity study

TOPAL M., Annakkaya P., Han H., AKINCIOĞLU H., GÜLÇİN İ., GÖREN A. C., AboulEnein H. Y.

2nd International Symposium on Traditional Foods from Adriatic to Caucasus, 24 - 26 Ekim 2013

CXXXVI. Alt Ekstremitte İskemi Reperfüzyon Hasarına Karşı Naringin'in Koruyucu Etkinliğinin Araştırılması

GÜRSUL C., EKİNCİ AKDEMİR F. N., AKKOYUN H. T., CAN İ., GÜLÇİN İ., GÜL M.

39. Ulusal Fizyoloji Kongresi, Ankara, Türkiye, 10 - 14 Eylül 2013, ss.198

CXXXVII. Alt ekstremitte iskemi-reperfüzyon hasarına karşı Silymarin'in koruyucu etkinliğinin araştırılması

Ekinci Akdemir F. N., Gürsul C., Akkoyun H. T., Can S., Gülçin İ., Gül M.

39. Ulusal Fizyoloji Kongresi, Ankara, Türkiye, 11 - 13 Eylül 2013

CXXXVIII. Alt ekstremitte iskemi-reperfüzyon hasarına karşı Naringin'in koruyucu etkinliğinin araştırılması

Gürsul C., Ekinci Akdemir F. N., Akkoyun H. T., Can İ., Gülçin İ., Gül M.

39. Ulusal Fizyoloji Kongresi, Ankara, Türkiye, 11 - 13 Eylül 2013

CXXXIX. Alt Ekstremitte İskemi Reperfüzyon Hasarına Karşı Naringin'xxin Koruyucu Etkinliğinin Araştırılması

GÜRSUL C., EKİNCİ AKDEMİR F. N., AKKOYUN H. T., CAN İ., GÜLÇİN İ., GÜL M.

39. Ulusal Fizyoloji Kongresi, Türkiye, 10 - 14 Eylül 2013

CXL. Novel sulfamides as potential carbonic anhydrase isoenzymes inhibitors

AKINCIOĞLU A., AKBABA Y., AKINCIOĞLU H., GÖKSU S., GÜLÇİN İ., SUPURAN C. T.

14th Tetrahedron Symposium, 18 - 25 Haziran 2013

CXLI. İnsan eritrosit glutatyon redüktaz enziminin saflaştırılması ve bazı fenolik maddelerin enzim aktivitesi üzerine inhibisyon etkisinin incelenmesi

AKSOY M., GÜLÇİN İ., KÜFREYOĞLU Ö. İ.

Kromatografi 2013, Bursa, Türkiye, 19 - 22 Haziran 2013, ss.192

CXLII. Dopamin Türevi Fenolik Sülfamidlerin Sentezi ve İnsan Karbonik Anhidraz Enzimleri hCA I ve hCA II Üzerine İnhibisyon Etkilerinin İncelenmesi

AKBABA Y., AKINCIOĞLU A., AKINCIOĞLU H., GÖKSU S., GÜLÇİN İ., CLAUDIU T S.

KROMATOĞRAFİ KONGRESİ, Bursa, Türkiye, 19 - 22 Haziran 2013

CXLIII. Dopamin türevi fenolik sülfonamidlerin sentezi ve insan karbonik anhidraz izoenzimleri hCA I ve hCA II üzerine inhibisyon etkilerinin incelenmesi

AKBABA Y., AKINCIOĞLU A., AKINCIOĞLU H., GÖKSU S., GÜLÇİN İ., SUPURAN C. T.

Kromatografi 2013 Kongresi, Türkiye, 19 - 22 Haziran 2013

CXLIV. Dopamin türevi sülfamidlerin sentezi ve karbonik anhidraz izoenzimleri CA I CA VA CA IX CAXII CAXIV CgCA ve Rv3588 üzerine inhibisyon etkilerinin incelenmesi

AKSU K., TOPAL M., TANÇ M., VULLO D., GÜLÇİN İ., GÖKSU S., TÜMER F., SUPURAN C. T.

Kromatografi 2013 Kongresi, Türkiye, 19 - 22 Haziran 2013

CXLV. İnsan Eritrosit Glutatyon Redüktaz Enziminin Saflaştırılması ve 2 florofenol 3 florofenol 4 florofenol Bileşiklerinin Enzim Aktivitesi Üzerine İnhibisyon Etkisinin İncelenmesi

AKSOY M., ÖİRFAN K., GÜLÇİN İ.

KROMATOĞRAFİ 2013, Türkiye, 5 - 07 Haziran 2013

- CXLVI. **Apomorfin Ve Timol ün Farklı Metotlarla Antioksidan Kapasitesinin Belirlenmesi**
ŞEHİTOĞLU M. H., GÜLÇİN İ.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, ANTALYA, TÜRKİYE, Türkiye, 29 - 31 Mart 2013
- CXLVII. **Dopamin Türevi Fenolik Sülfonamidlerin Sentezi ve Antioksidan Kapasitelerinin Belirlenmesi**
AKINCIOĞLU H., AKINCIOĞLU A., ÖZTAŞKIN N., GÖKSU S., GÜLÇİN İ.
Dopamin Türevi Fenolik Sülfonamidlerin Sentezi ve Antioksidan Kapasitelerinin Belirlenmesi. 1. İlaç Kimyası, Üretimi, teknolojis ve Standardizasyonu Kongresi, Türkiye, 29 - 31 Mart 2013
- CXLVIII. **Synthesis and investigation of carbonic anhydrase activities of brominated diarylmethanol derivatives**
ÇETİNKAYA Y., AKINCIOĞLU H., GÜLÇİN İ., MENZEK A.
26. Ulusal Kimya Kongresi, Muğla, Türkiye, 1 - 06 Ekim 2012
- CXLIX. **Bromlu Diarilmetanol Yapısındaki Bileşiklerin Sentezi ve Karbonik Anhidraz Aktivitelerinin İncelenmesi**
ÇETİNKAYA Y., GÖÇER H., GÜLÇİN İ., MENZEK A.
26. Ulusal Kimya Kongresi, Türkiye, 1 - 06 Ekim 2012
- CL. **Bazı Diarilmetanon Yapısındaki Bileşiklerin Karbonik Anhidraz(hCA-I, hCA-II) Aktivitelerinin İncelenmesi**
GÖÇER H., ÇETİNKAYA Y., GÜLÇİN İ., MENZEK A.
Kromatografi 2012 Kongresi, Türkiye, 6 - 09 Haziran 2012
- CLI. **2,6-Diklorofenolün insan karbonik anhidraz izoenzimleri (hCA-I ve hCA-II) üzerine inhibisyon etkisinin incelenmesi**
Nar M., TOPAL F., GÜLÇİN İ.
Kromatografi 2012, Tokat, Türkiye, 6 - 09 Haziran 2012
- CLII. **Investigation of inhibitory effect of phenol 2 fluorophenol and 3 fluorophenol on carbonic anhydrase isoenzymes I and II The 9th International Conference on the Carbonic Anhydrase CA**
AKSOY M., ANNAKAYA P., HAN H., GÜLÇİN İ., KÜFREYOĞLU Ö. İ.
The 9th International Conference on the Carbonic Anhydrase (CA), Antalya, Türkiye, 11 - 15 Nisan 2012
- CLIII. **Synthesis and Carbonic Anhydrase Isozymes I and II Inhibition Effects of Some Novel Diarylmethylamine Salts and Sulfonamide Derivatives**
GÖÇER H., ÇETİNKAYA Y., GÖKSU S., GÜLÇİN İ.
The 9th International Conference on Carbonic Anhydrase (CA), Türkiye, 11 - 15 Nisan 2012
- CLIV. **(3,4-Dihydroxyphenyl)(2,3,4-trihydroxyphenyl)methanone and Its derivatives as Carbonic Anhydrase Isoenzymes Inhibitors**
Nar M., ÇETİNKAYA Y., GÜLÇİN İ., MENZEK A.
The 9th International Conference on Carbonic Anhydrase (CA), 11 - 15 Nisan 2012
- CLV. **A new purification of lactoperoxidase LPO enzyme by Sepharose 4B affinity chromatography and inhibition with some metal ions**
ATASEVER A., ÇANKAYA M., ŞENTÜRK M., ŞİŞECİOĞLU M., ÖZCAN B., KÜFREYOĞLU Ö. İ., ÖZDEMİR H., GÜLÇİN İ.
International Conference on Enzyme Science and Technology (ICEST2011), Türkiye, 31 Ekim - 04 Kasım 2011
- CLVI. **Synthesis and Antioxidant Properties of (3,4-Dihydroxyphenyl) Methanone and Derivatives**
MENZEK A., ÇETİNKAYA Y., GÖÇER H., GÜLÇİN İ.
1st International Symposium on Secondary Metabolites, Türkiye, 12 - 15 Eylül 2011
- CLVII. **L Dopa ve Dopaminin Laktoperoksidaz Enzim Aktivitesi Üzerine Etkilerinin İncelenmesi**
ŞİŞECİOĞLU M., KÖKSAL Z., CAMADAN Y., GÜLÇİN İ., ÖZDEMİR H.
25. Ulusal Kimya Kongresi, Türkiye, 27 Haziran - 02 Temmuz 2011
- CLVIII. **In vitro inhibition of human carbonic anhydrase I and II isozymes with natural phenolic compounds**
GÜLÇİN İ., BEYDEMİR Ş., ŞENTÜRK M., KÜFREYOĞLU Ö. İ., SUPURAN C. T.
The Sixth Jourdanian International Conference of Chemistry, Irbid, Ürdün, 19 - 22 Nisan 2011
- CLIX. **Yorucu egzersiz durumunda bazı pentoz fosfat yolu enzimlerindeki modülasyonlar ve L karnitin takviyesinin bu modülasyonlar üzerine etkisi**
ŞIKTAR E., EKİNCİ D., ŞIKTAR E., BEYDEMİR Ş., GÜLÇİN İ., GÜNAY M.

11. Uluslararası Spor Bilimleri Kongresi - ANTALYA, Antalya, Türkiye, 10 - 12 Kasım 2010

- CLX. **L Adrenalin ve L Noradrenalin Hormonlarının Laktoperoksidaz Enzim Aktivitesi Üzerine Etkilerinin İncelenmesi**
ŞİŞECİOĞLU M., ÇANKAYA M., GÜLÇİN İ., ÖZDEMİR H.
24. Ulusal Kimya Kongresi, Türkiye, 29 Haziran - 02 Temmuz 2010
- CLXI. **İnsan karbonik anhidraz I ve II izoenzimleri üzerinde bazı doğal fenolik bileşiklerin etkilerinin incelenmesi**
ŞENTÜRK M., GÜLÇİN İ., BEYDEMİR Ş., KÜFREVOĞLU Ö. İ., SUPURAN C. T.
Kromatografi 2010, Erzurum, Türkiye, 16 - 19 Haziran 2010, ss.26
- CLXII. **EFFECT OF L CARNITIN AND THERMAL STRESS ON FREE RADICAL AND ANTIOXIDANT LEVELS IN RATS DURING THE EXHAUSTIVE SWIMMING EXERCISES AT HYPOTHERMIC AND HYPERTHERMIC WATER TEMPERATURES** Doktora tezinden üretilmiştir
ŞIKTAR E., ŞIKTAR E., GÜLÇİN İ., GÜNAY M.
International Scientific Conference PERSPECTIVES IN SPORT FOR ALL, Constanta, Romanya, 16 - 17 Ekim 2009, cilt.10, ss.21-28
- CLXIII. **Effect of melatonin and environmental stress on free radicals and antioxidant levels in rats during the exercise at different room temperatures** DOKTORA TEZİNDEN ÜRETİLDİ
ŞIKTAR E., ŞIKTAR E., GÜLÇİN İ., GÜNAY M.
International Scientific Conference. "Perspectives In Sport For All, Constanta, Romanya, 16 - 17 Ekim 2009, cilt.10, ss.29-36
- CLXIV. **Peroksidaz Enziminin Karaturptan Raphanus Sativus L Saflaştırılması Ve Karakterizasyonu**
ŞİŞECİOĞLU M., GÜLÇİN İ., ÖZDEMİR H., ÇANKAYA M.
23. Ulusal Kimya Kongresi, Türkiye, 16 - 20 Haziran 2009
- CLXV. **Serotonin ve Melatonin Hormonlarının Asetil Kolinesteraz Enzim Aktivitesi Üzerine Etkilerinin İncelenmesi**
ŞEHİTOĞLU M. H., ŞİŞECİOĞLU M., GÜLÇİN İ., ÖZDEMİR H.
23. Ulusal Kimya Kongresi, Türkiye, 16 - 20 Haziran 2009
- CLXVI. **The Inhibitory Effect of Propofol on Bovine Lactoperoxidase**
ŞİŞECİOĞLU M., ÇANKAYA M., GÜLÇİN İ., ÖZDEMİR H.
Metabolizmanın Regülasyonu ve Metabolik Bozukluklar Lisansüstü Yaz okulu, Türkiye, 29 Haziran - 06 Temmuz 2008
- CLXVII. **İnsan eritrosit glutatyon redüktaz enziminin saflaştırılması ve dantrolenin enzim aktivitesi üzerine inhibisyon etkisinin incelenmesi**
ŞENTÜRK M., GÜLÇİN İ., ÇİFTÇİ M., KÜFREVOĞLU Ö. İ.
IV.Ulusal (Uluslararası Katılımlı) Afinité Teknikleri Kongresi, Muğla, Türkiye, 4 - 07 Mayıs 2008, ss.60
- CLXVIII. **İnsan eritrositlerinden saflaştırılan 6-fosfoglukonat dehidrogenaz enziminin aktivitesi üzerine dantrolenin in vitro ve in vivo etkisinin incelenmesi**
GÜLÇİN İ., BEYDEMİR Ş., KÜFREVOĞLU Ö. İ.
XIX.Ulusal Kimya Kongresi (Uluslararası Katılımlı), İzmir, Türkiye, 30 Eylül - 04 Ekim 2005, ss.471
- CLXIX. **Fare genomunda bulunan bazı oksidatif fosforilasyon yolu ve antioksidant enzim genlerinin cDNA'larının üretilmesi ve in situ hibridizasyon tekniği ile gen ekspresyon analizi**
ÇOMAKLI V., KÜFREVOĞLU Ö. İ., ÇİFTÇİ M., GÜLÇİN İ., Çankaya M., Eichele G.
XIX.Ulusal Kimya Kongresi (Uluslararası Katılımlı), İzmir, Türkiye, 30 Eylül - 04 Ekim 2005, ss.416
- CLXX. **Kara lahanadan (Brassica oleracea var. Acephala) peroksidaz enziminin saflaştırılması ve karakterizasyonu**
GÜLÇİN İ., YILDIRIM A., KÜFREVOĞLU Ö. İ.
I.Ulusal Afinité Teknikleri Kongresi, Ankara, Türkiye, 22 - 24 Haziran 2005
- CLXXI. **Fare genomunda bulunan bazı glikoliz yolu genlerinin cDNA'larının üretilmesi, antisens mRNA üretimi ve in situ hibridizasyon tekniği ile gen ekspresyon analizi**
Çankaya M., ÖZDEMİR H., KÜFREVOĞLU Ö. İ., ÇİFTÇİ M., BEYDEMİR Ş., GÜLÇİN İ., Eichele G.
19.Ulusal Biyokimya Kongresi, Antalya, Türkiye, 22 - 25 Nisan 2005

- CLXXII. **Gökkuşağı alabalığı (*Oncorhynchus mykiss*) total plazma inhibitörlerinin insan eritrosit karbonik anhidraz-II izoenzimine in vitro ve in vivo etkilerinin incelenmesi**
HİSAR O., BEYDEMİR Ş., GÜLÇİN İ., KÜFREYİOĞLU Ö. İ., SUPURAN C. T.
XVIII.Ulusal Kimya Kongresi, Kars, Türkiye, 5 - 09 Temmuz 2004, ss.446
- CLXXIII. **Melatoninin gökkuşağı alabalığı (*Oncorhynchus mykiss*) antioksidan enzimleri ve lipid peroksidasyonu üzerindeki etkileri**
GÜLÇİN İ., BEYDEMİR Ş., HİSAR O., KÜFREYİOĞLU Ö. İ.
XVIII.Ulusal Kimya Kongresi, Kars, Türkiye, 5 - 09 Temmuz 2004, ss.537
- CLXXIV. **Fare süperoksit dismutaz-3 geninin cDNA'sının üretilmesi ve in situ hibridizasyon tekniği ile gen ekspresyon analizi**
ÇİFTÇİ M., KÜFREYİOĞLU Ö. İ., BEYDEMİR Ş., ÖZDEMİR H., Çankaya M., GÜLÇİN İ., Eichele G.
XVIII.Ulusal Kimya Kongresi, Kars, Türkiye, 05 Temmuz 2004, ss.443
- CLXXV. **Fare heksokinaz ve glukokinaz cDNA'larının üretilmesi ve in situ hibridizasyon tekniği ile gen ekspresyon analizi**
KÜFREYİOĞLU Ö. İ., ÇİFTÇİ M., BEYDEMİR Ş., ÖZDEMİR H., Çankaya M., GÜLÇİN İ., BUDAK H., Eichele G.
18.Ulusal Biyokimya Kongresi, Trabzon, Türkiye, 15 - 19 Mayıs 2004, ss.28
- CLXXVI. **Melatonin ve dantrolen sodyum'un insan eritrositlerinden elde edilen karbonik anhidraz enzimi üzerinde in vitro, rat eritrositlerinden elde edilen karbonik anhidraz enzimi üzerinde in vivo etkisinin incelenmesi**
GÜLÇİN İ., BEYDEMİR Ş., BÜYÜKOKUROĞLU M. E., KÜFREYİOĞLU Ö. İ.
XVII.Ulusal Kimya Kongresi, İstanbul, Türkiye, 18 - 21 Eylül 2003, ss.271
- CLXXVII. **Katalaz enziminin kara lahana bitkisinden (*Brassica oleracea* L. Var. *Acephala* DC.) saflaştırılması, karakterizasyonu ve bazı pestisitler ile antibiyotiklerin enzim üzerindeki etkilerinin incelenmesi**
KÖKSAL E., GÜLÇİN İ., KÜFREYİOĞLU Ö. İ.
XVII.Ulusal Kimya Kongresi, İstanbul, Türkiye, 18 - 21 Eylül 2003, ss.338
- CLXXVIII. **Karanfil (*Eugenia carophyllata* Thunb) tomurcuklarının in vitro antioksidant özellikleri ile ilgili bir çalışma**
GÜLÇİN İ., ŞAT İ. G., BEYDEMİR Ş., KÜFREYİOĞLU Ö. İ.
XVII.Ulusal Kimya Kongresi, İstanbul, Türkiye, 18 - 21 Eylül 2003, ss.302
- CLXXIX. ***Teucrium orientale* L. bitkisinin antioksidant aktivitesi**
MAVİ A., ÇAKIR A., YILDIRIM A., GÜLÇİN İ., KÜFREYİOĞLU Ö. İ.
XVII.Ulusal Kimya Kongresi, İstanbul, Türkiye, 18 - 21 Eylül 2003, ss.339
- CLXXX. **Rezene (*Foeniculum vulgare*) tohumlarının antioksidant kapasitesi**
OKTAY M., GÜLÇİN İ., KÜFREYİOĞLU Ö. İ.
XVI.Ulusal Kimya Kongresi, Konya, Türkiye, 10 - 13 Eylül 2002, ss.45
- CLXXXI. **Isırgan otundan (*Urtica dioica*) polifenoloksidaz enziminin kısmi saflaştırılması ve karakterizasyonu**
GÜLÇİN İ., OKTAY M., KÜFREYİOĞLU Ö. İ.
Isırgan otundan (*Urtica dioica*) polifenoloksidaz enziminin kısmi saflaştırılması ve karakterizasyonu, Konya, Türkiye, 10 - 13 Eylül 2002, ss.5
- CLXXXII. **Melatonin'in in vitro antioksidatif özellikleri**
GÜLÇİN İ., BÜYÜKOKUROĞLU M. E., OKTAY M., KÜFREYİOĞLU Ö. İ.
17.Ulusal Biyokimya Kongresi, Ankara, Türkiye, 24 - 27 Haziran 2002, ss.70
- CLXXXIII. **Isırgan otunun (*Urtica dioica*) antiradikal, antimikrobiyal, antiülser ve analjezik aktiviteleri**
GÜLÇİN İ., OKTAY M., KÜFREYİOĞLU Ö. İ., BÜYÜKOKUROĞLU M. E.
17.Ulusal Biyokimya Kongresi, Ankara, Türkiye, 24 Haziran - 27 Şubat 2002, ss.71
- CLXXXIV. **Yeni bir antioksidant bileşiğin (Metil 10-metoksi-10-metil-11-oksatrisiklo[6.2.1.02,7]undeka-2,4,6 trien-9- karboksilat) sentezi ve antioksidant aktivitesinin belirlenmesi**
GÜLÇİN İ., ALTUNDAŞ A., KÜFREYİOĞLU Ö. İ., AKBULUT N., OKTAY M.
XV.Ulusal Kimya Kongresi, İstanbul, Türkiye, 4 - 07 Eylül 2001
- CLXXXV. **Bazı aromatik bitkilerin (*Salvia sclera* L., *Teucrium polium* L., *Nepeta nuda*) antioksidant ve antimikrobiyal aktivitelerinin incelenmesi**

GÜLÇİN İ., UĞUZ M. T., OKTAY M., KÜFREYOĞLU Ö. İ.

XV.Ulusal Kimya Kongresi, İstanbul, Türkiye, 4 - 07 Eylül 2001

- CLXXXVI. **Ispanak (*Spinacia oleracea*) ve maydanoz (*Petroselinum crispum*) bitkilerinin antioksidant aktivite ve antioksidant enzim aktivitelerinin karşılaştırılması**

OZTURK L., GÜLÇİN İ., ÇİFTÇİ M., OKTAY M., KÜFREYOĞLU Ö. İ.

XIV.Ulusal Kimya Kongresi, Diyarbakır, Türkiye, 10 - 15 Eylül 2000

- CLXXXVII. **Isırgan otunun (*Urtica dioica*) antioksidant enzimleri ve antioksidant komponentlerin aktivitelerinin belirlenmesi**

GÜLÇİN İ., OKTAY M., OZTURK L., ÇİFTÇİ M., KÜFREYOĞLU Ö. İ.

XIV.Ulusal Kimya Kongresi, Diyarbakır, Türkiye, 10 - 15 Eylül 2000

- :LXXXVIII. **Kekik (*Thymus serpyllum*) polifenol oksidaz aktivitesinin belirlenmesi**

OKTAY M., GÜLÇİN İ., YILDIRIM A., KÜFREYOĞLU Ö. İ.

XIII.Ulusal Kimya Kongresi, Samsun, Türkiye, 31 Ağustos - 04 Eylül 1999

- CLXXXIX. **Determination of antioxidant activity of *Urtica dioica***

OKTAY M., YILDIRIM A., GÜLÇİN İ., KÜFREYOĞLU Ö. İ., MAVİ A., BİLALOĞLU V.

The First International Biosciences Days- XVth National Congress of Biochemistry, 20 - 24 Nisan 1999

- CXC. **The comparison of antioxidant activities of black tea and *Rosa canina***

YILDIRIM A., OKTAY M., MAVİ A., BİLALOĞLU V., GÜLÇİN İ., KÜFREYOĞLU Ö. İ.

The First International Biosciences Days- XVth National Congress of Biochemistry, 20 - 24 Nisan 1999

Bilimsel Dergilerdeki Faaliyetler

TURKISH JOURNAL OF CHEMISTRY, Editörler Kurulu Üyesi, 2023 - Devam Ediyor

FRONTIERS IN CHEMISTRY, Editörler Kurulu Üyesi, 2022 - Devam Ediyor

JOURNAL OF PHARMACEUTICAL ANALYSIS, Editörler Kurulu Üyesi, 2021 - Devam Ediyor

Records of Natural Products, Editörler Kurulu Üyesi, 2019 - Devam Ediyor

Organic Communications, Editörler Kurulu Üyesi, 2019 - Devam Ediyor

Current Enzyme Inhibition, Editörler Kurulu Üyesi, 2018 - Devam Ediyor

Journal Of Enzyme Inhibition And Medicinal Chemistry, Editörler Kurulu Üyesi, 2019 - 2021

Bilimsel Kuruluşlardaki Üyelikler / Görevler

Türkiye Bilimler Akademisi, Asli Üye, 2012 - Devam Ediyor , Türkiye

Bilimsel Hakemlikler

Food Chemistry: X, SCI-E Kapsamındaki Dergi, Aralık 2023

HELIYON, SCI Kapsamındaki Dergi, Aralık 2023

JOURNAL OF MOLECULAR LIQUIDS, SCI Kapsamındaki Dergi, Aralık 2023

FRONTIERS IN GENETICS, Hakemli Bilimsel Dergi, Aralık 2023

CHEMISTRY AND BIODIVERSITY, SCI-E Kapsamındaki Dergi, Aralık 2023

CHEMICAL BIOLOGY AND DRUG DESIGN, SCI Kapsamındaki Dergi, Aralık 2023

CHEMICAL BIOLOGY AND DRUG DESIGN, SCI-E Kapsamındaki Dergi, Aralık 2023

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, SCI-E Kapsamındaki Dergi, Aralık 2023

NATURAL PRODUCT COMMUNICATIONS, SCI Kapsamındaki Dergi, Aralık 2023

Food Chemistry: X, SCI-E Kapsamındaki Dergi, Kasım 2023

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI-E Kapsamındaki Dergi, Kasım 2023

BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY, ESCI Kapsamındaki Dergi, Kasım 2023

[illegible]

JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Kapsamındaki Dergi, Ağustos 2023
CHEMISTRYSELECT, SCI-E Kapsamındaki Dergi, Temmuz 2023
ENVIRONMENTAL POLLUTION, SCI-E Kapsamındaki Dergi, Temmuz 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI-E Kapsamındaki Dergi, Temmuz 2023
SOUTH AFRICAN JOURNAL OF BOTANY, SCI-E Kapsamındaki Dergi, Temmuz 2023
BIOORGANIC AND MEDICINAL CHEMISTRY LETTERS, SCI Kapsamındaki Dergi, Temmuz 2023
Public Health and Toxicology, Diğer İndekslerce Taranan Dergi, Temmuz 2023
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, SCI Kapsamındaki Dergi, Temmuz 2023
Environmental Toxicology, Diğer Dergiler, Temmuz 2023
NEW FRONTIERS IN CHEMISTRY, SCI Kapsamındaki Dergi, Temmuz 2023
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI-E Kapsamındaki Dergi, Temmuz 2023
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI-E Kapsamındaki Dergi, Temmuz 2023
CHEMISTRY AFRICA-A JOURNAL OF THE TUNISIAN CHEMICAL SOCIETY, SCI-E Kapsamındaki Dergi, Temmuz 2023
FOOD SCIENCE & NUTRITION, SCI-E Kapsamındaki Dergi, Temmuz 2023
FOOD BIOSCIENCE, SCI-E Kapsamındaki Dergi, Haziran 2023
PROCESS BIOCHEMISTRY, SCI-E Kapsamındaki Dergi, Haziran 2023
CHEMISTRYSELECT, SCI-E Kapsamındaki Dergi, Haziran 2023
INORGANIC CHEMISTRY COMMUNICATION, SCI Kapsamındaki Dergi, Haziran 2023
FOOD BIOSCIENCE, SCI Kapsamındaki Dergi, Haziran 2023
FOOD BIOSCIENCE, SCI Kapsamındaki Dergi, Haziran 2023
FOOD BIOSCIENCE, SCI Kapsamındaki Dergi, Haziran 2023
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI-E Kapsamındaki Dergi, Haziran 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI-E Kapsamındaki Dergi, Haziran 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI-E Kapsamındaki Dergi, Haziran 2023
PROCESS BIOCHEMISTRY, SCI Kapsamındaki Dergi, Haziran 2023
PROCESS BIOCHEMISTRY, SCI-E Kapsamındaki Dergi, Haziran 2023
PROCESS BIOCHEMISTRY, SCI-E Kapsamındaki Dergi, Haziran 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Haziran 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Haziran 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Haziran 2023
HELIYON, SCI Kapsamındaki Dergi, Haziran 2023
FRONTIERS IN PHARMACOLOGY, SCI Kapsamındaki Dergi, Haziran 2023
NEW FRONTIERS IN CHEMISTRY, SCI Kapsamındaki Dergi, Haziran 2023
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI-E Kapsamındaki Dergi, Haziran 2023
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI-E Kapsamındaki Dergi, Haziran 2023
CHEMISTRY AND BIODIVERSITY, SCI-E Kapsamındaki Dergi, Haziran 2023
BIOORGANIC AND MEDICINAL CHEMISTRY LETTERS, SCI-E Kapsamındaki Dergi, Haziran 2023
NEUROTOXICOLOGY, SCI-E Kapsamındaki Dergi, Haziran 2023
FOOD BIOSCIENCE, SCI-E Kapsamındaki Dergi, Mayıs 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI-E Kapsamındaki Dergi, Mayıs 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI-E Kapsamındaki Dergi, Mayıs 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI-E Kapsamındaki Dergi, Mayıs 2023
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Kapsamındaki Dergi, Mayıs 2023
BIOORGANIC AND MEDICINAL CHEMISTRY LETTERS, SCI-E Kapsamındaki Dergi, Mayıs 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Mayıs 2023
HELIYON, SCI Kapsamındaki Dergi, Mayıs 2023
HELIYON, SCI Kapsamındaki Dergi, Mayıs 2023
Scientific African, SCI Kapsamındaki Dergi, Mayıs 2023
CHEMISTRY AND BIODIVERSITY, SCI-E Kapsamındaki Dergi, Mayıs 2023
NEUROLOGICAL RESEARCH, SCI Kapsamındaki Dergi, Mayıs 2023
FOOD BIOSCIENCE, SCI Kapsamındaki Dergi, Nisan 2023

FOOD BIOSCIENCE, SCI Kapsamındaki Dergi, Nisan 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI-E Kapsamındaki Dergi, Nisan 2023
SOUTH AFRICAN JOURNAL OF BOTANY, SCI-E Kapsamındaki Dergi, Nisan 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Nisan 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Nisan 2023
FOOD BIOSCIENCE, SCI Kapsamındaki Dergi, Mart 2023
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Kapsamındaki Dergi, Mart 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Mart 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Mart 2023
SURGERY, SCI Kapsamındaki Dergi, Mart 2023
CHEMICAL BIOLOGY AND DRUG DESIGN, SCI-E Kapsamındaki Dergi, Mart 2023
HEMATOLOGY / THE EDUCATION PROGRAM OF THE AMERICAN SOCIETY OF HEMATOLOGY, SCI Kapsamındaki Dergi, Mart 2023
NEUROTOXICOLOGY, SCI-E Kapsamındaki Dergi, Şubat 2023
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI-E Kapsamındaki Dergi, Şubat 2023
MOLECULES, SCI-E Kapsamındaki Dergi, Şubat 2023
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, SCI Kapsamındaki Dergi, Şubat 2023
DISEASES, ESCI Kapsamındaki Dergi, Şubat 2023
FOODS, SCI Kapsamındaki Dergi, Şubat 2023
CHEMISTRYSELECT, SCI-E Kapsamındaki Dergi, Şubat 2023
FOOD BIOSCIENCE, SCI Kapsamındaki Dergi, Şubat 2023
PROCESS BIOCHEMISTRY, SCI-E Kapsamındaki Dergi, Şubat 2023
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Şubat 2023
CHEMICO-BIOLOGICAL INTERACTIONS, SCI Kapsamındaki Dergi, Şubat 2023
CHEMICO-BIOLOGICAL INTERACTIONS, SCI Kapsamındaki Dergi, Şubat 2023
Scientific African, SCI Kapsamındaki Dergi, Şubat 2023
SURGERY, SCI Kapsamındaki Dergi, Ocak 2023
FRONTIERS IN CHEMISTRY, SCI Kapsamındaki Dergi, Ocak 2023
CHEMISTRY AND BIODIVERSITY, SCI-E Kapsamındaki Dergi, Ocak 2023
SOUTH AFRICAN JOURNAL OF BOTANY, SCI-E Kapsamındaki Dergi, Nisan 2022
PROCESS BIOCHEMISTRY, SCI-E Kapsamındaki Dergi, Nisan 2022
INDUSTRIAL CROPS AND PRODUCTS, SCI-E Kapsamındaki Dergi, Nisan 2022
FOOD RESEARCH INTERNATIONAL, SCI-E Kapsamındaki Dergi, Nisan 2022
FOOD RESEARCH INTERNATIONAL, SCI Kapsamındaki Dergi, Mart 2022
INDUSTRIAL CROPS AND PRODUCTS, SCI-E Kapsamındaki Dergi, Mart 2022
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI Kapsamındaki Dergi, Mart 2022
ENVIRONMENTAL POLLUTION, SCI Kapsamındaki Dergi, Mart 2022
INDUSTRIAL CROPS AND PRODUCTS, SCI-E Kapsamındaki Dergi, Mart 2022
PROCESS BIOCHEMISTRY, SCI-E Kapsamındaki Dergi, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
TÜBİTAK Projesi, 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Atatürk Üniversitesi, Türkiye, Şubat 2022
CHEMISTRYSELECT, SCI-E Kapsamındaki Dergi, Ocak 2022

NEUROTOXICOLOGY, SCI-E Kapsamındaki Dergi, Ocak 2022
JOURNAL OF MOLECULAR STRUCTURE, SCI Kapsamındaki Dergi, Ocak 2022
CURRENT ISSUES IN MOLECULAR BIOLOGY, SCI-E Kapsamındaki Dergi, Ocak 2022
MOLECULES, SCI-E Kapsamındaki Dergi, Ocak 2022
MOLECULES, SCI-E Kapsamındaki Dergi, Ocak 2022
CURRENT ISSUES IN MOLECULAR BIOLOGY, SCI-E Kapsamındaki Dergi, Ocak 2022
METABOLITES, SCI-E Kapsamındaki Dergi, Ocak 2022
PROCESS BIOCHEMISTRY, SCI-E Kapsamındaki Dergi, Ocak 2022
INDUSTRIAL CROPS AND PRODUCTS, SCI-E Kapsamındaki Dergi, Ocak 2022
SOUTH AFRICAN JOURNAL OF BOTANY, SCI-E Kapsamındaki Dergi, Ocak 2022
INORGANIC CHEMISTRY COMMUNICATIONS, SCI Kapsamındaki Dergi, Eylül 2021
JOURNAL OF MOLECULAR STRUCTURE, SCI Kapsamındaki Dergi, Eylül 2021
Indian Journal Of Chemical Society, ESCI Kapsamındaki Dergi, Eylül 2021
JOURNAL OF FUNCTIONAL FOODS, SCI Kapsamındaki Dergi, Eylül 2021
ENVIRONMENTAL POLLUTION, SCI Kapsamındaki Dergi, Eylül 2021
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI Kapsamındaki Dergi, Ağustos 2021
JOURNAL OF MOLECULAR STRUCTURE, SCI Kapsamındaki Dergi, Ağustos 2021
JOURNAL OF FUNCTIONAL FOODS, SCI Kapsamındaki Dergi, Ağustos 2021
Biocatalysis and Agricultural Biotechnology, ESCI Kapsamındaki Dergi, Ağustos 2021
SOUTH AFRICAN JOURNAL OF BOTANY, Hakemli Bilimsel Dergi, Ağustos 2021
JOURNAL OF MOLECULAR STRUCTURE, SCI Kapsamındaki Dergi, Ağustos 2021
SOUTH AFRICAN JOURNAL OF BOTANY, SCI-E Kapsamındaki Dergi, Ağustos 2021
JOURNAL OF FUNCTIONAL FOODS, SCI Kapsamındaki Dergi, Ağustos 2021
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI Kapsamındaki Dergi, Ağustos 2021
Indian Journal of Chemical Society, ESCI Kapsamındaki Dergi, Temmuz 2021
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI Kapsamındaki Dergi, Temmuz 2021
INTERNATIONAL IMMUNOPHARMACOLOGY, SCI Kapsamındaki Dergi, Temmuz 2021
JOURNAL OF MOLECULAR STRUCTURE, SCI Kapsamındaki Dergi, Temmuz 2021
JOURNAL OF MOLECULAR STRUCTURE, SCI Kapsamındaki Dergi, Temmuz 2021
ENVIRONMENTAL TECHNOLOGY & INNOVATION, SCI Kapsamındaki Dergi, Temmuz 2021
CHEMISTRYSELECT, SCI-E Kapsamındaki Dergi, Temmuz 2021
JOURNAL OF MOLECULAR STRUCTURE, SCI Kapsamındaki Dergi, Temmuz 2021
JOURNAL OF CHROMATOGRAPHY B, SCI Kapsamındaki Dergi, Haziran 2021
CHEMISTRYSELECT, SCI-E Kapsamındaki Dergi, Haziran 2021
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI-E Kapsamındaki Dergi, Haziran 2021
INDUSTRIAL CROPS AND PRODUCTS, SCI Kapsamındaki Dergi, Haziran 2021
CHEMISTRYSELECT, SCI-E Kapsamındaki Dergi, Haziran 2021
SOUTH AFRICAN JOURNAL OF BOTANY, SCI Kapsamındaki Dergi, Haziran 2021
INTERNATIONAL IMMUNOPHARMACOLOGY, SCI Kapsamındaki Dergi, Haziran 2021
Planta Medica, SCI Kapsamındaki Dergi, Haziran 2021
JOURNAL OF ADVANCED RESEARCH, SCI-E Kapsamındaki Dergi, Haziran 2021
FOOD RESEARCH INTERNATIONAL, SCI Kapsamındaki Dergi, Haziran 2021
INORGANIC CHEMISTRY COMMUNICATIONS, SCI Kapsamındaki Dergi, Mayıs 2021
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, SCI-E Kapsamındaki Dergi, Mayıs 2021
ENVIRONMENTAL CHEMISTRY LETTERS, SCI Kapsamındaki Dergi, Mayıs 2021
EXPERT OPINION ON DRUG METABOLISM & TOXICOLOGY, SCI Kapsamındaki Dergi, Mayıs 2021
FOOD RESEARCH INTERNATIONAL, SCI Kapsamındaki Dergi, Mayıs 2021
Biocatalysis and Agricultural Biotechnology, ESCI Kapsamındaki Dergi, Mayıs 2021
NEUROTOXICOLOGY, SCI Kapsamındaki Dergi, Mayıs 2021
JOURNAL OF FUNCTIONAL FOODS, SCI Kapsamındaki Dergi, Nisan 2021
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, SCI Kapsamındaki Dergi, Nisan 2021

EXPERT OPINION ON THERAPEUTIC PATENTS, SCI Kapsamındaki Dergi, Nisan 2021
JOURNAL OF CHROMATOGRAPHY B, SCI Kapsamındaki Dergi, Nisan 2021
JOURNAL OF CHROMATOGRAPHY A, SCI Kapsamındaki Dergi, Mart 2021
JOURNAL OF CHROMATOGRAPHY B, SCI Kapsamındaki Dergi, Mart 2021
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Mart 2021
SOUTH AFRICAN JOURNAL OF BOTANY, SCI-E Kapsamındaki Dergi, Mart 2021
SOUTH AFRICAN JOURNAL OF BOTANY, SCI-E Kapsamındaki Dergi, Mart 2021
COMPLEMENTARY THERAPIES IN MEDICINE, SCI-E Kapsamındaki Dergi, Mart 2021
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, SCI Kapsamındaki Dergi, Mart 2021
Biocatalysis and Agricultural Biotechnology, ESCI Kapsamındaki Dergi, Mart 2021
ENVIRONMENTAL TECHNOLOGY & INNOVATION, SCI Kapsamındaki Dergi, Mart 2021
BIOORGANIC CHEMISTRY, SCI Kapsamındaki Dergi, Şubat 2021
BIOORGANIC CHEMISTRY, SCI Kapsamındaki Dergi, Şubat 2021
BIOORGANIC CHEMISTRY, SCI Kapsamındaki Dergi, Ocak 2021
BIOORGANIC CHEMISTRY, SCI Kapsamındaki Dergi, Ocak 2021
SOUTH AFRICAN JOURNAL OF BOTANY, SCI Kapsamındaki Dergi, Ocak 2021
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, SCI Kapsamındaki Dergi, Ocak 2021
INDUSTRIAL CROPS AND PRODUCTS, SCI-E Kapsamındaki Dergi, Mayıs 2011

Metrikler

Yayın: 719
Atıf (WoS): 38600
Atıf (Scopus): 40630
H-İndeks (WoS): 113
H-İndeks (Scopus): 114

Kongre ve Sempozyum Katılımı Faaliyetleri

9th National Catalysis Conference, Davetli Konuşmacı, Çanakkale, Türkiye, 2023
XXI Kromatografi Kongresi, Panelist, Aydın, Türkiye, 2023
XXI Chromatography Congress, Davetli Konuşmacı, Aydın, Türkiye, 2023
1st International Congress on Analytical and Bioanalytical Chemistry, Davetli Konuşmacı, Antalya, Türkiye, 2019
International Physics Conference at the Anatolian Peak, Davetli Konuşmacı, Erzurum, Türkiye, 2016
3. International BAU Drugs Design Congress, Davetli Konuşmacı, İstanbul, Türkiye, 2015
27. Ulusal Kimya Kongresi, Davetli Konuşmacı, Çanakkale, Türkiye, 2015
International Workshop on Determining Antioxidants as Reactive Species Scavengers, Davetli Konuşmacı, İstanbul, Türkiye, 2014

Ödüller

Gülçin İ., 37th Khwarizmi International Award, Iranian Research Organization For Sciences And Technology, Şubat 2024
Gülçin İ., İlim Yayma Vakfı-Mühendislik, Doğa ve Sağlık Bilimleri Ödülü, İlim Yayma Vakfı, Aralık 2023
Gülçin İ., 2023 yılı tüm kategorilerde-İkincilik, Atatürk Üniversitesi, Aralık 2023
Gülçin İ., TÜBİTAK Bilim Ödülü, Tübitak, Aralık 2023
Gülçin İ., 2023 yılı araştırma kategorisinde ikincilik, Atatürk Üniversitesi, Aralık 2023
Gülçin İ., 2022 yılı tüm kategoriler toplamında birincilik, Atatürk Üniversitesi, Nisan 2022
Gülçin İ., 2021 yılı araştırma kategorisinde birincilik, Atatürk Üniversitesi, Nisan 2022

Akademi Dışı Deneyim

Atatürk Üniversitesi
Atatürk Üniversitesi
Atatürk Üniversitesi
Atatürk Üniversitesi
Dumlupınar Üniversitesi