

Asst. Prof. Sinan BİLGİNER

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Eczacılık Fakültesi, Farmasötik Kimya Ad, Turkey 2005 - 2011

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 2001 - 2005

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, HETEROSİKLIK ŞALKON ANALOGLARININ MANNİCH BAZLARININ SENTEZİ VE BİYOLOJİK AKTİVİTESİNİN DEĞERLENDİRİLMESİ, Atatürk Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya , 2011

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

Academic Titles / Tasks

Assistant Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2015 - Continues

Academic and Administrative Experience

Bölüm Stratejik Plan Komisyonu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Head of Department, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - Continues

Rectorate Commissioner, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - Continues

Staj komisyonu Üyeliği, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - Continues

Fakülte Yönetim Kurulu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - 2021

Atatürk Üniversitesi, 2016 - 2018

Courses

Uzmanlık Alan Dersi, Doctorate, 2020 - 2021, 2019 - 2020
Staj, Undergraduate, 2020 - 2021, 2019 - 2020
Danışmanlık, Doctorate, 2020 - 2021, 2019 - 2020
Araştırma Projesi Dersi 2, Undergraduate, 2020 - 2021, 2019 - 2020
Nükleer Manyetik Rezonans Spektroskopisi, Undergraduate, 2020 - 2021, 2019 - 2020
Farmasötik Kimya 2, Undergraduate, 2019 - 2020
Farmasötik Kimya 4, Undergraduate, 2019 - 2020
Farmasötik Kimya 1, Undergraduate, 2020 - 2021, 2019 - 2020
Farmasötik Kimya 3, Undergraduate, 2019 - 2020
Araştırma Projesi dersi 1, Undergraduate, 2020 - 2021, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.20, no.7, pp.1535-1543, 2023 (SCI-Expanded)
- II. **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, vol.31, no.6, pp.925-935, 2022 (SCI-Expanded)
- III. **New benzamide derivatives and their nicotinamide/cinnamamide analogs as cholinesterase inhibitors**
KOCA M., BİLGİNER S.
MOLECULAR DIVERSITY, vol.26, no.2, pp.1201-1212, 2022 (SCI-Expanded)
- IV. **Effects of a Novel Benzenesulfonamide 4-(3-(4-Bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) on Antioxidant Enzymes and Hematological Parameters of Rainbow Trout (Oncorhynchus mykiss)**
Ozgun D. O., ALAK G., UÇAR A., Bilginer S., GÜL H. İ., Kocaman M., Yamali C., PARLAK V., ATAMANALP M., Maslat A., et al.
PAKISTAN JOURNAL OF ZOOLOGY, vol.53, no.6, pp.2083-2089, 2021 (SCI-Expanded)
- V. **Antibacterial and Acetylcholinesterase Inhibitory Potentials of Triazenes Containing Sulfonamide Moiety**
BİLGİNER S., GÜL H. İ., HANCI H., GÜLÇİN İ.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.55, no.3, pp.284-289, 2021 (SCI-Expanded)
- VI. **Effects of a Novel Benzenesulfonamide 4-(3-(4-Bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) on Antioxidant Enzymes and Hematological Parameters of Rainbow Trout (Oncorhynchus mykiss)**
Özmen Özgün D., Alak G., Uçar A., Bilginer S., Gül H. İ., Kocaman E. M., Yamalı C., Parlak V., Atamanalp M., Maslat A., et al.
Pakistan Journal Of Zoology, vol.53, no.6, pp.2083-2089, 2021 (SCI-Expanded)
- VII. **Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE, BuChE) and monoamine oxidases (MAO-A, MAO-B)**
YAMALI C., Engin F. S., BİLGİNER S., TUĞRAK M., Ozmen Ozgun D., ÖZLİ G., LEVENT S., SAĞLIK B. N., ÖZKAY Y., GÜL H. İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.58, no.1, pp.161-171, 2021 (SCI-Expanded)
- VIII. **Docking Studies and Antiproliferative Activities of 6-(3-aryl-2-propenoyl)-2(3H)-benzoxazolone Derivatives as Novel Inhibitors of Phosphatidylinositol 3-Kinase (PI3K alpha)**
BİLGİNER S., Bardaweel S. K., Sabbah D. A., GÜL H. İ.

ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.6, pp.716-724, 2021 (SCI-Expanded)

- IX. **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, vol.45, no.3, pp.805-818, 2021 (SCI-Expanded)
- X. **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, vol.70, no.9, pp.1275-1283, 2021 (SCI-Expanded)
- XI. **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, vol.354, no.1, 2021 (SCI-Expanded)
- XII. **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, vol.353, no.6, 2020 (SCI-Expanded)
- XIII. **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, vol.35, no.1, pp.325-329, 2020 (SCI-Expanded)
- XIV. **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, vol.34, pp.1722-1729, 2019 (SCI-Expanded)
- XV. **Crystal structure of 4-[5-(4-fluorophenyl)-3-(4-hydroxyphenyl)-4,5-dihydropyrazol-1-yl] benzenesulfonamide, C₂₁H₁₈FN₃O₃S**
Aydin A., BİLGİNER S., GÜL H. İ., AKKURT M., METE E.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.231, no.1, pp.81-83, 2016 (SCI-Expanded)
- XVI. **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, vol.31, pp.568-573, 2016 (SCI-Expanded)
- XVII. **Carbonic anhydrase inhibitors. Phenols incorporating 2-or 3-pyridyl-ethenylcarbonyl and tertiary amine moieties strongly inhibit Saccharomyces cerevisiae beta-carbonic anhydrase**
Bilginer S., Unluer E., Gül H. İ., Mete E., Isık S., Vullo D., Ozensoy-Guler O., Beyaztas S., Capasso C., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.29, no.4, pp.495-499, 2014 (SCI-Expanded)
- XVIII. **1-(3-Aminomethyl-4-hydroxyphenyl)-3-pyridinyl-2-propen-1-ones: A novel group of tumour-selective cytotoxins**
Bilginer S., Gül H. İ., Mete E., Das U., Sakagami H., Umemura N., Dimmock J. R.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.5, pp.974-980, 2013 (SCI-Expanded)
- XIX. **Synthesis and Antifungal Evaluation of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides**
Mete E., Gül H. İ., Bilginer S., Algul O., Topaloglu M. E., Güllüce M., Kazaz C.
MOLECULES, vol.16, no.6, pp.4660-4671, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Molecular Docking Study of Several Seconder Metabolites from Medicinal Plants as Potential**

Inhibitors of COVID-19 Main Protease

BİLGİNER S., GÖZCÜ S., GÜVENALP Z.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.19, no.4, pp.431-441, 2022 (ESCI)

II. Benzoksazolon Türevi Şalkon Bileşiklerinin Sentezi ve Biyoaktivitelerinin Araştırılması

BİLGİNER S.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.1, no.13, pp.334-347, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. DESIGN, SYNTHESIS AND CHARACTERIZATION OF NEW TRIAZENE SUBSTITUTED CHALCONE DERIVATIVE SULFONAMIDE COMPOUND BY NMR VTU METHOD

Bilginer S.

EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Trabzon, Turkey, 21 - 22 August 2020

II. Radiotherapy Sensitivity and Proliferation of Breast Cancer Cell line Applied Benzoxazolone Derived Chalcone Compound

Çakır T., Görgişen G., Bilginer S., Gül H. İ.

3rd International Medicine and Health Sciences Researches Congress, Ankara, Turkey, 13 - 14 March 2020, vol.1, pp.279-285

III. Synthesis, Bioactivities and Docking Studies of Novel Trimethoxy Substituted Chalcone Compounds

Bilginer S.

International Biotechnology Congress-Bio2020, İstanbul, Turkey, 5 - 07 March 2020

IV. Synthesis, Cholinesterase Inhibition and Molecular Docking Studies of Novel Mannich Bases of Banzoxazolone Chalcone Compounds

Bilginer S., Koca M.

8. International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020

V. The Design, Synthesis, NMR Analysis and Cytotoxic Activities of 6-(3-Aryl-2-Propenoyl)-2(3H)-Benzoxazolones

BİLGİNER S., GÜL H. İ.

International IVEK BIO Congress, İstanbul, Turkey, 26 - 28 November 2018

VI. SYNTHESIS OF NEW 2(3H)-BENZOXAZOLONE,6-[1-OXO-3-(2-FURANYL)-2-PROPENYL] AND SPECTRAL INVESTIGATION WITH ADVANCED NMR TECHNIQUES AND THE NMR SHIFT REAGENT [Eu(fod)₃]

KAZAZ C., BİLGİNER S., GÜL H. İ., Engin F. S.

TRAMECH IX, 22 - 25 November 2017

VII. Synthesis and Cytotoxic Activities of Mannich Bases of Heterocyclic Chalcone Analogues

BİLGİNER S., GÜL H. İ.

3 rd International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017

VIII. Cytotoxicities of Five New Benzoxazolone Derived Chalcones

Engin F. s., BİLGİNER S., Sakagami H., GÜL H. İ.

3 rd International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017

IX. Synthesis and spectral analysis of potentially bioactive chalcones

BİLGİNER S., GÜL H. İ.

International Bahçeşehir University (BAU) Drug Design Congress, 13 - 15 October 2016

X. Crystal structure of 4-(5-fluorophenyl)-3-(4-hydroxyphenyl)-4,5-dihydropyrazol-1-yl benzenesulfonamide C₂₁H₁₈N₃O₃S

BİLGİNER S., GÜL H. İ.

4th International Bahçeşehir University (BAU) Drug Design Congress, 13 - 15 October 2016

XI. The design synthesis and NMR analysis of six compounds of 6-(3-aryl-2-propenoyl)-2(3H)-benzoxazolones

BİLGİNER S., Engin F. S., GÜL H. İ.

International Bahçeşehir University (BAU) Drug Design Congress, 13 - 15 October 2016

XII. 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 October 2015

XIII. Synthesis of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides by Conventional Heating and Microwave Irradiation and Evaluation of Their Antifungal Activities

Mete E., Bilginer S., Algül Ö., Gül H. İ., Topaloğlu M. E., Güllüce M., Kazaz C.
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012

XIV. Synthesis and Antifungal Evaluation of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides

Mete E., Bilginer S., Topaloğlu M. E., Güllüce M., Kazaz C., Gül H. İ.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011

XV. SYNTHESIS OF 1 4 HYDROXY 3 AMINO 1 YL METHYL PHENYL 3 PYRIDINE 3 YL PROPENONES
BİLGİNER S., GÜL H. İ.

INTERNATIONAL DRUG RESEARCH AND DEVELOPMENT, Antalya, Turkey, 27 - 29 May 2011

Supported Projects

KOCA M., ANIL B., BİLGİNER S., Project Supported by Higher Education Institutions, Potansiyel karbonik anhidraz inhibe edici özelliğe sahip metansülfonamit ve benzensülfonamit türevi tiyoüre artışı taşıyan yeni pirazolin bileşiklerinin tasarımı sentezi ve yapılarının aydınlatılması, 2021 - 2022

KOCA M., BİLGİNER S., Project Supported by Higher Education Institutions, N-(4-klorobenzil) N-(3,4-süstitüe fenil) nikotinamit türevlerinin ve benzamit analoglarının sentezi ve in vitro kolinesteraz inhibisyon etkilerinin değerlendirilmesi, 2020 - 2020

BİLGİNER S., GÜLÇİN İ., GÜL H. İ., ANIL B., Project Supported by Higher Education Institutions, Triazen Yapısındaki Yeni Sülfonamit Türevi Moleküllerin Sentezi ve Karbonik Anhidraz İnhibisyon Potansiyellerinin Araştırılması, 2020 - 2020

KADIOĞLU Y., BİLGİNER S., YAMAN M. E., UĞAN R. A., AŞCI A., POLAT B., FERAH OKKAY I., Project Supported by Higher Education Institutions, Eczacılık Fakültesi Güdümlü Araştırma Projesi, 2018 - 2020

BİLGİNER S., GÖNDER B., Project Supported by Higher Education Institutions, 3-Aminobenzenesülfonamitten Türevlenen Yeni Sülfonamit Türevi Moleküllerin Sentezi ve Karbonik Anhidraz İnhibe Edici Etkilerinin Araştırılması, 2019 - 2019

KADIOĞLU Y., POLAT B., ÖZBEK H., ATİLA A., SEZEN KARAOĞLAN E., YAMAN M. E., BAYIR Y., PALABIYIK Ş. S., BİLGİNER S., Project Supported by Higher Education Institutions, Eczacılık Fakültesi Bilimsel Araştırma Destek Projesi, 2018 - 2019

KADIOĞLU Y., POLAT B., SEVİNÇ ÖZAKAR R., BİLGİNER S., ŞENOL O., YAMAN M. E., Project Supported by Higher Education Institutions, International Multidisciplinary Symposium on Drug Research and Development kongresinin düzenlenmesi, 2017 - 2018

BİLGİNER S., GÜL H. İ., Project Supported by Higher Education Institutions, "2(3H)-BENZOKSAZOLON HALKASI TAŞIYAN ŞALKON YAPISINDAKİ BİLEŞİKLERİN TASARIMI, SENTEZİ VE SİTOTOKSİK ETKİLERİNİN ARAŞTIRILMASI", 2016 - 2017

Scientific Refereeing

ARCHIV DER PHARMAZIE, SCI Journal, June 2020

FABAD Farmasötik Bilimler Dergisi, National Scientific Refreed Journal, June 2017

Metrics

Publication: 36

Citation (WoS): 287

Citation (Scopus): 296

H-Index (WoS): 10

H-Index (Scopus): 10