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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 2000 - 2005

Yüksek Lisans, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 1997 - 2000

Lisans, İstanbul Üniversitesi, Eczacılık Fakültesi, Türkiye 1993 - 1997

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, N-metilsakkarinin kükürtlü türevlerinin sentezi, yapılarının aydınlatılması ve biyolojik etkilerinin incelenmesi, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 2005

Yüksek Lisans, Primer amin grubu taşıyan bazı ilaç maddelerinin spektrofotometrik miktar tayini, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 2000

Araştırma Alanları

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Kimya

Akademik Unvanlar / Görevler

Prof. Dr., İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2016 - Devam Ediyor

Doç. Dr., İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2011 - 2016

Yrd. Doç. Dr., İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2008 - 2011

Araştırma Görevlisi, İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1997 - 2008

Akademik İdari Deneyim

Fakülte Kurulu Üyesi, İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2023 - Devam Ediyor
Anabilim/Bilim Dalı Başkanı, İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2022 - Devam Ediyor

Verdiği Dersler

Organik Moleküllerde Yapı Tayini Uygulamaları, Doktora, 2023 - 2024
Farmasötik Kimya IV, Lisans, 2016 - 2017, 2012 - 2013
Antikanser ve Antiviral İlaçlar, Doktora, 2016 - 2017
Farmasötik Kimya II, Lisans, 2015 - 2016
Organik Kimya, Lisans, 2016 - 2017, 2015 - 2016, 2012 - 2013
Organik Kimyada Reaksiyon Mekanizmaları, Doktora, 2016 - 2017
İleri Organik Kimya, Yüksek Lisans, 2012 - 2013
Bilimsel Araştırma ve Literatür Tarama, Lisans, 2012 - 2013, 2011 - 2012
UV ve IR spektroskopileri ve İlaçlara uygulanması, Yüksek Lisans, 2012 - 2013, 2011 - 2012, 2010 - 2011

Yönetilen Tezler

GÜZEL AKDEMİR Ö., 3-Fenil-5-sülfamoil-1H-indol artığı taşıyan spirothiazolidinon türevlerinin sentezi, yapı tayini ve biyolojik etkilerinin incelenmesi, Yüksek Lisans, M.Özbek(Öğrenci), 2015

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Novel 2-(hydrazinocarbonyl)-3-phenyl-1H-indole-5-sulfonamide based thiosemicarbazides as potent and selective inhibitors of tumor-associated human carbonic anhydrase IX and XII: Synthesis, cytotoxicity, and molecular modelling studies**
Demir Yazıcı K., Trawally M., Bua S., Öztürk-Civelek D., Akdemir A., Supuran C. T., Güzel Akdemir Ö.
Bioorganic Chemistry, cilt.144, 2024 (SCI-Expanded)
- II. **Thiosemicarbazone-benzenesulfonamide Derivatives as Human Carbonic Anhydrases Inhibitors: Synthesis, Characterization, and In silico Studies**
Trawally M., DEMİR YAZICI K., Angeli A., Kaya K., Akdemir A., Supuran C. T., GÜZEL AKDEMİR Ö.
Anti-Cancer Agents in Medicinal Chemistry, cilt.24, sa.9, ss.649-667, 2024 (SCI-Expanded)
- III. **Urease inhibitors for the treatment of H. pylori**
GÜZEL AKDEMİR Ö., Akdemir A.
Expert Opinion on Therapeutic Patents, 2024 (SCI-Expanded)
- IV. **Dithiocarbamates and dithiocarbonates containing 6-nitrosaccharin scaffold: Synthesis, antimycobacterial activity and in silico target prediction using ensemble docking-based reverse virtual screening**
Trawally M., Demir Yazıcı K., İpek Dingiş-Birgül S., Kaya K., Akdemir A., Güzel Akdemir Ö.
Journal of Molecular Structure, cilt.1277, 2023 (SCI-Expanded)
- V. **Mandelic acid-based spirothiazolidinones targeting M. tuberculosis: Synthesis, in vitro and in silico investigations**
Trawally M., Demir-Yazıcı K., Dingiş Birgül S. İ., Kaya K., Akdemir A., Güzel-Akdemir Ö.
BIOORGANIC CHEMISTRY, cilt.121, 2022 (SCI-Expanded)
- VI. **New Pyridinium Salt Derivatives of 2-(Hydrazinocarbonyl)-3-phenyl-1H-indole-5-sulfonamide as Selective Inhibitors of Tumour-Related Human Carbonic Anhydrase Isoforms IX and XII**
Güzel Akdemir Ö., Demir Yazıcı K., Vullo D., Supuran C. T., Akdemir A.
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- VII. **Pyridinium derivatives of 3-aminobenzenesulfonamide are nanomolar-potent inhibitors of tumor-expressed carbonic anhydrase isozymes CA IX and CA XII**
Akocak S., Guzel-Akdemir O., Sanku R. K. K., Russom S. S., Iorga B. I., Supuran C. T., Ilies M. A.
BIOORGANIC CHEMISTRY, cilt.103, 2020 (SCI-Expanded)
- VIII. **Synthesis and antibacterial activity of new hybrid derivatives of 5-sulfamoyl-1H-indole and 4-thiazolidinone groups**
Guzel-Akdemir O., Trawally M., Ozbek-Babuc M., Ozbek-Celik B., Ermut G., Ozdemir H.
MONATSHFTE FÜR CHEMIE, cilt.151, ss.1443-1452, 2020 (SCI-Expanded)
- IX. **Novel Indole-Based Hydrazones as Potent Inhibitors of the alpha-class Carbonic Anhydrase from Pathogenic Bacterium *Vibrio cholerae***
Demir-Yazici K., Guzel-Akdemir Ö., Angeli A., Supuran C. T., Akdemir A.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, cilt.21, 2020 (SCI-Expanded)
- X. **Development of Thiazolidinones as Fungal Carbonic Anhydrase Inhibitors**
Guzel-Akdemir Ö., Carradori S., Grande R., Demir-Yazici K., Angeli A., Supuran C. T., AKDEMİR A.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, cilt.21, sa.8, 2020 (SCI-Expanded)
- XI. **Indole-Based Hydrazones Containing A Sulfonamide Moiety as Selective Inhibitors of Tumor-Associated Human Carbonic Anhydrase Isoforms IX and XII**
Demir-Yazici K., Bua S., Akgunes N. M., Akdemir A., Supuran C. T., Guzel-Akdemir O.
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- XII. **Novel thiazolidinone-containing compounds, without the well-known sulphonamide zinc-binding group acting as human carbonic anhydrase IX inhibitors**
Guzel-Akdemir O., Angeli A., Demir K., Supuran C. T., AKDEMİR A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.33, sa.1, ss.1299-1308, 2018 (SCI-Expanded)
- XIII. **Isatin analogs as novel inhibitors of *Candida spp.* beta-carbonic anhydrase enzymes**
Akdemir A., Guzel-Akdemir O., Karali N. L., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.24, sa.8, ss.1648-1652, 2016 (SCI-Expanded)
- XIV. **Discovery of novel isatin-based sulfonamides with potent and selective inhibition of the tumor-associated carbonic anhydrase isoforms IX and XII**
Guzel-Akdemir O., AKDEMİR A., Karali N., Supuran C. T.
ORGANIC & BIOMOLECULAR CHEMISTRY, cilt.13, sa.23, ss.6493-6499, 2015 (SCI-Expanded)
- XV. **Structural study of the location of the phenyl tail of benzene sulfonamides and the effect on human carbonic anhydrase inhibition**
Guzel-Akdemir O., Biswas S., Lastra K., McKenna R., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.21, sa.21, ss.6674-6680, 2013 (SCI-Expanded)
- XVI. **Inhibition of tumor-associated human carbonic anhydrase isozymes IX and XII by a new class of substituted-phenylacetamido aromatic sulfonamides**
AKDEMİR A., Guzel-Akdemir O., Scozzafava A., Capasso C., Supuran C. T.
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- XVII. **A Class of Sulfonamides with Strong Inhibitory Action against the alpha-Carbonic Anhydrase from *Trypanosoma cruzi***
Guzel-Akdemir O., AKDEMİR A., Pan P., Vermelho A. B., Parkkila S., Scozzafava A., Capasso C., Supuran C. T.
JOURNAL OF MEDICINAL CHEMISTRY, cilt.56, sa.14, ss.5773-5781, 2013 (SCI-Expanded)
- XVIII. **o-Benzenedisulfonimido-sulfonamides are potent inhibitors of the tumor-associated carbonic anhydrase isoforms CA IX and CA XII**
Guzel-Akdemir O., Akdemir A., Işık S., Vullo D., Supuran C. T.
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- XIX. **Conformational variability of different sulfonamide inhibitors with thienyl-acetamido moieties attributes to differential binding in the active site of cytosolic human carbonic anhydrase isoforms**
Biswas S., Aggarwal M., GÜZEL Ö., Scozzafava A., McKenna R., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.19, 2011 (SCI-Expanded)
- XX. **Carbonic anhydrase inhibitors. The β -carbonic anhydases from the fungal pathogens *Cryptococcus***

neoformans and Candida albicans are strongly inhibited by substituted-phenyl-1H-indole-5-sulfonamides

GÜZEL Ö., Maresca A., Hall R. A., Scozzafava A., Mastrolorenzo A., Mühlshlegel F. A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.20, ss.2508-2511, 2010 (SCI-Expanded)

- XXI. **3-Phenyl-1H-Indole-5-Sulfonamides: Structure-Based Drug Design of a Promising Class of Carbonic Anhydrase Inhibitors**
Guzel O., Innocenti A., Vullo D., Scozzafava A., Supuran C. T.
CURRENT PHARMACEUTICAL DESIGN, cilt.16, sa.29, ss.3317-3326, 2010 (SCI-Expanded)
- XXII. **Synthesis and biological evaluation of new 4-thiazolidinone derivatives**
Guzel O., Salman A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.24, sa.4, ss.1015-1023, 2009 (SCI-Expanded)
- XXIII. **Carbonic anhydrase inhibitors. Aromatic/heterocyclic sulfonamides incorporating phenacetyl, pyridylacetyl and thienylacetyl tails act as potent inhibitors of human mitochondrial isoforms VA and VB**
Guzel O., Innocenti A., Scozzafava A., Salman A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.17, sa.14, ss.4894-4899, 2009 (SCI-Expanded)
- XXIV. **Discovery of Low Nanomolar and Subnanomolar Inhibitors of the Mycobacterial beta-Carbonic Anhydrases Rv1284 and Rv3273**
Guzel O., Maresca A., Scozzafava A., Salman A., Balaban A. T., Supuran C. T.
JOURNAL OF MEDICINAL CHEMISTRY, cilt.52, sa.13, ss.4063-4067, 2009 (SCI-Expanded)
- XXV. **Carbonic anhydrase inhibitors. Aromatic/heterocyclic sulfonamides incorporating phenacetyl, pyridylacetyl and thienylacetyl tails act as potent inhibitors of human mitochondrial isoforms VA and VB**
GÜZEL Ö., Innocenti A., Scozzafava A., Salman A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.17, ss.4894-4899, 2009 (SCI-Expanded)
- XXVI. **Carbonic anhydrase inhibitors. Phenacetyl-, pyridylacetyl- and thienylacetyl-substituted aromatic sulfonamides act as potent and selective isoform VII inhibitors**
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- XXVII. **Carbonic anhydrase inhibitors. The nematode alpha-carbonic anhydrase of Caenorhabditis elegans CAH-4b is highly inhibited by 2-(hydrazinocarbonyl)-3-substituted-phenyl-1H-indole-5-sulfonamides**
Guzel O., Innocenti A., Hall R. A., Scozzafava A., Mühlshlegel F. A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.17, sa.8, ss.3212-3215, 2009 (SCI-Expanded)
- XXVIII. **Carbonic anhydrase inhibitors. Synthesis of 2,4,6-trimethylpyridinium derivatives of 2-(hydrazinocarbonyl)-3-aryl-1H-indole-5-sulfonamides acting as potent inhibitors of the tumor-associated isoform IX and XII**
GÜZEL Ö., Maresca A., Scozzafava A., Salman A., Balaban A. T., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.19, ss.2931-2934, 2009 (SCI-Expanded)
- XXIX. **Crystal Structure of 1,1,3-trioxo-2,3-dihydro-1,2-benzisothiazol-2-ylmethyl 4-phenyl Piperazine-1-carbodithioate, C₁₉H₁₉N₃O₃S₃.**
AKKURT M., Yalcin S. P., Guzel O., Salman A., BÜYÜKGÜNGÖR O.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.65, 2009 (SCI-Expanded)
- XXX. **Carbonic anhydrase inhibitors. Interaction of 2-(hydrazinocarbonyl)-3-phenyl-1H-indole-5-sulfonamide with 12 mammalian isoforms: kinetic and X-ray crystallographic studies**
GÜZEL Ö., Temperini C., Innocenti A., Scozzafava A., Salman A., Supuran C. T.
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- XXXI. **Synthesis and antituberculosis activity of 5-methyl/trifluoromethoxy-1H-indole-2,3-dione 3-thiosemicarbazone derivatives**
Guzel O., Karali N., Salman A.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.16, sa.19, ss.8976-8987, 2008 (SCI-Expanded)
- XXXII. **N-(2,6-dimethyl-3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-hydroxy-2,2-diphenylacetamide**

- Yalcin S. P., AKKURT M., ŞAHİN E., Guzel O., Salman A., İlhan E.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.64, 2008 (SCI-Expanded)
- XXXIII. **Carbonic anhydrase inhibitors. Synthesis and inhibition studies against mammalian isoforms I – XV with a series of 2-(hydrazinocarbonyl)-3-substituted-phenyl-1H-indole-5-sulfonamides**
GÜZEL Ö., Innocenti A., Scozzafava A., Salman A., Parkkila S., Hilvo M., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.16, ss.9113-9120, 2008 (SCI-Expanded)
- XXXIV. **Synthesis and antituberculosis activity of 5-methyl/trifluoromethoxy-1H-indole-2,3-dione-3-thiosemicarbazone derivatives**
GÜZEL Ö., Karalı N., Salman A.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.16, ss.8976-8987, 2008 (SCI-Expanded)
- XXXV. **Crystal structure of (1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)methyl O-propyl dithiocarbonate**
Akkurt M., Yalçın Ş. P., Büyükgüngör O., GÜZEL Ö., Salman A.
ANALYTICAL SCIENCES, cilt.24, 2008 (SCI-Expanded)
- XXXVI. **1,1,3-Trioxo-2,3-dihydro-1,2-benzisothiazol-2-ylmethyl 4-phenylpiperazine-1-carbodithioate**
Akkurt M., Yalçın Ş. P., GÜZEL Ö., Salman A., Büyükgüngör O.
Acta Crystallographica, cilt.E63, 2007 (SCI-Expanded)
- XXXVII. **N-(2,6-dimethyl-3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-hydroxy-2,2-diphenylacetamide**
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Acta Crystallographica, cilt.E64, 2007 (SCI-Expanded)
- XXXVIII. **O-Butyl S-(1,1,3-trioksobenz[d]isothiazol-2-yl)methyl dithiocarbonate**
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- XXXIX. **2-Hydroxy-N-(3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2,2-diphenylacetamide.**
Akkurt M., Karaca S., Şahin E., GÜZEL Ö., Salman A., İlhan E.
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- XL. **Synthesis, antimycobacterial and antitumor activities of new (1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)methyl N,N-disubstituted dithiocarbamate/O-alkyldithiocarbonate derivatives**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **Role of human carbonic anhydrase isoforms VA and VB in obesity: Implications, mechanisms, and therapeutic prospects**
Kaçmaz M., Trawally M., GÜZEL AKDEMİR Ö.
Journal of Research in Pharmacy, cilt.28, sa.3, ss.733-748, 2024 (ESCI)
- II. **Antiviral Properties of 5-Sulfamoyl-1H-Indole-Linked Spirothiazolidinone Derivatives: A Study on Human Parainfluenza Virus-2**
Trawally M., YILMAZ F. N., ÖZBEK ÇELİK B., Akdemir A., GÜZEL AKDEMİR Ö.
Journal of Research in Pharmacy, cilt.28, sa.1, ss.213-224, 2024 (ESCI)
- III. **Evaluation of some o-benzenedisulfonimido- sulfonamide derivatives as potent antimicrobial agents**
Demir Yazıcı K., Yılmaz F. N., Özbek Çelik B., Güzel Akdemir Ö.
Istanbul Journal of Pharmacy, cilt.52, sa.3, ss.297-301, 2022 (Hakemli Dergi)
- IV. **Synthesis and potential antitumor activities of mandelic acid linked 2-aryl-1,3-thiazolidin-4-ones**
Demir-Yazıcı K., Guzel-Akdemir O.
JOURNAL OF RESEARCH IN PHARMACY, cilt.26, sa.4, ss.931-940, 2022 (ESCI)
- V. **Benzilic acid based new 2-aryl-1,3-thiazolidin-4-one derivatives: Synthesis and anticancer activity**
Güzel Akdemir Ö., Demir-Yazıcı K.
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- VI. **Evaluation of new 2-hydroxy-N-(4-oxo-2-substituted phenyl-1,3-thiazolidin-3-yl)-2-phenylacetamide derivatives as potential antimycobacterial agents**
GÜZEL AKDEMİR Ö., DEMİR YAZICI K., TRAWALLY M., DİNGİŞ BİRGÜL S. İ., Akdemir A.
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- VII. **Antimicrobial and antiviral activity of spiroindolinones bearing benzothiazolines moiety**
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ISTANBUL JOURNAL OF PHARMACY , cilt.43, sa.1, ss.1-11, 2013 (ESCI)
- VIII. **Spectrophotometric determination of drugs having primary amine group with p-dimethylaminocinnamaldehyde**
GÜZEL Ö., Salman A.
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Kitap & Kitap Bölümleri

- I. **Aromatase**
GÜZEL AKDEMİR Ö.
Metalloenzymes, Claudiu T. Supuran, William A. Donald, Editör, Academic Press is an imprint of Elsevier, ss.459-464, 2023
- II. **Piperine Derivatives: New Trends in Medicinal Chemistry**
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- III. **İlaç Tasarımı: hedef protein ile etkileşim optimizasyonu**
GÜZEL AKDEMİR Ö., AKDEMİR A.
Medisinal Kimya Giriş, Prof.Dr. Özekin Algül, Editör, Ankara Nobel Tıp Kitapevi, Ankara, ss.223-255, 2021
- IV. **Antibakteriyel Sülfâ İlaçları**
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Medisinal Kimya, Mehmet Alp, Editör, Akademisyen Kitabevi, Ankara, ss.244-264, 2021
- V. **Foye Medisinal Kimya Temel İlkeler**
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Ankara Nobel, 2019
- VI. **Antipsikotik ve Anksiyolitik İlaçlar**
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- VII. **The Structure, Physiological Role, and Potential Medicinal Applications of Carbonic Anhydrase V**
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Carbonic Anhydrases as Biocatalysts from Theory to Medical and Industrial Applications, Supuran Claudiu, Simone Giuseppina, Editör, Radarweg 29, PO Box 211, 1000 AE Amsterdam, The NetherlandsThe Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK225 Wyman Street, Waltham, MA 02451, USA, ss.125-139, 2015

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **4-Tiyazolin Türevleri: Kolon ve Meme Kanseri Tedavisi İçin Potansiyel Adaylar Olarak. Tümörle İlişkili hCA IX/XII İnhibitörleri**
TRAWALLY M., GÜZEL AKDEMİR Ö.
VII. Ulusal Farmasötik Kimya Kongresi, Ege University, İzmir, October 26-28, 2024., İzmir, Türkiye, 26 Ekim 2024
- II. **4-Thiazoline Derivatives: Tumor-Associated HCA IX/XII Inhibitors as Potential Candidates for Colon**

and Breast Cancer Therapy.

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11th EFMC Young Medicinal Chemists' Symposium (EFMC-YMCS), Rome, Italy, September 5 - 6, 2024., Rome, İtalya, 5 - 06 Eylül 2024

- III. **Thione or Thiol: Structural confirmation of (E)-2-(1-(4-cyanophenyl)ethylidene)-N-(2-fluoro-4-sulfamoylphenyl)hydrazine-1-carbothioamide and carbonic anhydrase inhibition studies**
Guliyeva L., M. T., GÜZEL AKDEMİR Ö.
8th International Students Science Congress, Türkiye, 27 Nisan 2024
- IV. **Synthesis, FTIR spectrum, experimental and theoretical crystal studies, and carbonic anhydrase inhibition studies on 2-[(1H-Pyrrol-2-yl)methylidene]-N-(3-sulfamoylphenyl)hydrazine-1-carbothioamide**
TRAWALLY M., DEMİR YAZICI K., KAYA K., AKDEMİR A., GÜZEL AKDEMİR Ö.
12th International Drug Chemistry Conferences, Antalya, Türkiye, 07 Mart 2024
- V. **Development of Selective Inhibitors for the Tumor-Associated Carbonic Anhydrases**
AKDEMİR A., DEMİR YAZICI K., M. T., GÜZEL AKDEMİR Ö.
8th International Conference Modern Trends in Physics, Baku, Azerbaijan, 30 Kasım 2023
- VI. **Modification of SLC-0111 as Novel Carbonic Anhydrase Inhibitors**
Guliyeva L., M. T., DEMİR YAZICI K., GÜZEL AKDEMİR Ö.
8th International Conference Modern Trends in Physics, Baku, Azerbaijan, 30 Kasım 2023
- VII. **Novel sulfa drug containing thiourea derivatives: Synthesis, molecular modelling and inhibition studies of pharmaceutically important carbonic anhydrase isoforms**
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Atıf (WoS): 918
Atıf (Scopus): 1070
H-İndeks (WoS): 14
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