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ScopusID: 57192089728

Yoksis Researcher ID: 328202

Education

Doctorate, Karadeniz Technical University, Fen Fakültesi, Kimya, Turkey 2014 - 2019

Postgraduate, Kafkas University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2011 - 2013

Postgraduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Orta Öğretim Fen-Matematik Alanları Eğitimi, Turkey 2009 - 2010

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Kimya, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Industrial Rights, Intellectual Property Rights, Patent, Licensing, Fikri Sınai Mülkiyet Hakları Eğitimi, Patent Veri Tabanlarında Araştırma Eğitimi, Yazılımların / Aplikasyonların Patentlenmesi Eğitimi, Karadeniz Teknik Üniversitesi, 2022

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Karadeniz Teknik Üniversitesi, 2021

Dissertations

Doctorate, Bazı triazol türevlerinin klinik öneme sahip alfa amilaz ve tirozinaz inhibisyon potansiyellerinin in vitro ve in siliko olarak incelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2019

Postgraduate, 3-alkil(aril)-4-amino-4,5-dihidro-1H-1,2,4-triazol-5-on'xxların 3,4-di-(4-nitrobenzoksi)-benzalhid ile reaksiyonları, Kafkas University, Institute Of Science, 2013

Research Areas

Molecular Biology and Genetics, Molecular Biology of Cancer, Chemistry, Biochemistry, Health Sciences, Natural Sciences

Academic Positions

Associate Professor, Karadeniz Technical University, Maçka Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2020 - Continues

Courses

Associate Degree

Klinik Biyokimya, Associate Degree, 2023 - 2024

HÜCRE VE DOKU KÜLTÜRÜ HAZIRLAMA TEKNİKLERİ, Associate Degree, 2023 - 2024

ADLI KİMYA, Associate Degree, 2023 - 2024

Farmasötik ve Biyomedikal Analiz, Associate Degree, 2020 - 2021

Mesleki Deneyim, Associate Degree, 2019 - 2020

Enzimoloji, Associate Degree, 2019 - 2020

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Synthesis of novel benzofuran-4,7-quinones from 4,6-dimethoxybenzofurans specifically targeting breast and lung cancer cells**
Ucar T. N. U., Izgi S., AYAZOĞLU DEMİR E., Uzun S., Sengul I. F., UZUNER U., Kandemir H.
MONATSHFTE FÜR CHEMIE, vol.156, no.4, pp.467-480, 2025 (SCI-Expanded)
- II. **Relieving 5-fluorouracil-associated testicular toxicity in rats: Investigating the therapeutic potential of arbutin**
Demir E. A., Demir S., Usta Z. T., Alemdar N. T., Menteşe A., Aliyazıcıoğlu Y.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.179, pp.22-30, 2025 (SCI-Expanded)
- III. **NS-CQDs/TiO₂ hybrid nanocomposites incorporated with nutshell derived NS-CQDs as photocatalyst for environmental/biological applications and cytotoxicity effect**
Koç Keşir M., AYAZOĞLU DEMİR E., Yılmaz M. D.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.13, no.2, 2025 (SCI-Expanded)
- IV. **Usnic acid suppresses inflammation and endoplasmic reticulum stress in a methotrexate-induced pulmonary toxicity model via modulating Nrf2 pathway**
Demir S., Alemdar N. T., Yuluğ E., Demir E. A., Durmuş T. B., Menteşe A., Aliyazıcıoğlu Y.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.177, pp.572-578, 2025 (SCI-Expanded)
- V. **Gentisic acid attenuates 5-fluorouracil-induced ovotoxicity in rats via modulating Nrf2 signalling: An experimental approach**
Menteşe A., Demir S., Yuluğ E., Kucuk H., Alemdar N. T., Demir E., Aliyazıcıoğlu Y.
REPRODUCTIVE TOXICOLOGY, vol.128, 2024 (SCI-Expanded)
- VI. **Usnic acid alleviates testicular ischemia/reperfusion injury in rats by modulating endoplasmic reticulum stress**
Demir S., Kazaz İ. O., Aydın Mungan S., Alemdar N. T., Perollı N., Ayazoğlu Demir E., Menteşe A.
REPRODUCTIVE TOXICOLOGY, vol.128, 2024 (SCI-Expanded)
- VII. **Syringic acid alleviates cisplatin-induced ovarian injury through modulating endoplasmic reticulum stress, inflammation and Nrf2 pathway**
Demir E.
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.82, 2024 (SCI-Expanded)
- VIII. **Alpha-pinene neutralizes cisplatin-induced reproductive toxicity in male rats through activation of Nrf2 pathway**
DEMİR S., MENTEŞE A., Usta Z. T., Alemdar N. T., Demir E. A., ALİYAZICIOĞLU Y.
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.56, no.2, pp.527-537, 2024 (SCI-Expanded)

- IX. **Ethyl pyruvate attenuates cisplatin-induced ovarian injury in rats via activating Nrf2 pathway**
DEMİR S., MENTEŞE A., Kucuk H., YULUĞ E., Turkmen Alemdar N., AYAZOĞLU DEMİR E., ALİYAZICIOĞLU Y.
DRUG AND CHEMICAL TOXICOLOGY, vol.47, no.2, pp.218-226, 2024 (SCI-Expanded)
- X. **Therapeutic effect of berberine against 5-fluorouracil induced ovarian toxicity in rats**
Demir S., Türkmen Alemdar N., Kucuk H., Ayazoğlu Demir E., Menteşe A., Aliyazicioğlu Y.
Biotechnic and Histochemistry, vol.99, no.7, pp.379-385, 2024 (SCI-Expanded)
- XI. **Chlorogenic acid attenuates cisplatin-induced ovarian injury in rats**
AYAZOĞLU DEMİR E., MENTEŞE A., Livaoglu A., ALEMDAR YAYLA N., ALİYAZICIOĞLU Y., DEMİR S.
DRUG AND CHEMICAL TOXICOLOGY, vol.47, no.2, pp.213-217, 2024 (SCI-Expanded)
- XII. **Gentisic acid ameliorates cisplatin-induced reprotoxicity through suppressing endoplasmic reticulum stress and upregulating Nrf2 pathway**
MENTEŞE A., DEMİR S., Mungan S. A., Alemdar N. T., Demir E. A., ALİYAZICIOĞLU Y.
TISSUE & CELL, vol.85, 2023 (SCI-Expanded)
- XIII. **Evaluation of the therapeutic effects of arbutin on cisplatin-induced ovarian toxicity in rats through endoplasmic reticulum stress and Nrf2 pathway**
Demir E. A., MENTEŞE A., Yilmaz Z., Alemdar N. T., DEMİR S., ALİYAZICIOĞLU Y.
REPRODUCTIVE BIOLOGY, vol.23, no.4, 2023 (SCI-Expanded)
- XIV. **Vanillic acid abrogates cisplatin-induced ovotoxicity through activating Nrf2 pathway**
MENTEŞE A., DEMİR S., Kucuk H., YULUĞ E., Alemdar N. T., Demir E. A., ALİYAZICIOĞLU Y.
TISSUE & CELL, vol.84, 2023 (SCI-Expanded)
- XV. **The therapeutic effect of silibinin against 5-fluorouracil-induced ovarian toxicity in rats**
AYAZOĞLU DEMİR E., MENTEŞE A., Kucuk H., Turkmen Alemdar N., DEMİR S.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.37, no.9, 2023 (SCI-Expanded)
- XVI. **Propolis ameliorates ischemia/reperfusion-induced testicular damage by reducing oxidative stress**
DEMİR S., KAZAZ İ. O., KERİMOĞLU G., Demir E. A., ÇOLAK F., Biyik A. F., CANSEVER Y., MENTEŞE A.
REVISTA INTERNACIONAL DE ANDROLOGIA, vol.21, no.3, 2023 (SCI-Expanded)
- XVII. **Syringic acid ameliorates ischemia/reperfusion-induced testicular injury in rats via suppressing of HMGB1/NF-κB axis and endoplasmic reticulum stress**
Demir E. A., Demir S., Kazaz I. O., Kucuk H., Alemdar N. T., Gecici O. F., Menteşe A., Aliyazicioğlu Y.
EUROPEAN JOURNAL OF TRAUMA AND EMERGENCY SURGERY, vol.49, no.3, pp.1595-1602, 2023 (SCI-Expanded)
- XVIII. **Arbutin abrogates testicular ischemia/reperfusion injury in rats through repression of inflammation and ER stress**
Demir E. A., Demir S., Kazaz I. O., Kucuk H., Alemdar N. T., Buyuk A., Menteşe A., Aliyazicioğlu Y.
TISSUE & CELL, vol.82, 2023 (SCI-Expanded)
- XIX. **Enhancing the Stability of Tumor Homing LyP-1 Peptide Using Cyclization and Retro Grafting Strategies**
Kara Ş., AYAZOĞLU DEMİR E., ÇELİK UZUNER S., Akcan M.
International Journal of Peptide Research and Therapeutics, vol.29, no.2, 2023 (SCI-Expanded)
- XX. **Ameliorative effect of gallic acid on cisplatin-induced ovarian toxicity in rats**
Ayazoğlu Demir E., Menteşe A., Livaoglu A., Turkmen Alemdar N., Demir S.
DRUG AND CHEMICAL TOXICOLOGY, vol.46, no.1, pp.97-103, 2023 (SCI-Expanded)
- XXI. **Astaxanthin Protects Testicular Tissue against Torsion/Detorsion-Induced Injury via Suppressing Endoplasmic Reticulum Stress in Rats**
DEMİR S., KAZAZ İ. O., KERİMOĞLU G., Demir E., ÇOLAK F., YILMAZ S., MENTEŞE A.
JOURNAL OF INVESTIGATIVE SURGERY, vol.35, no.5, pp.1044-1049, 2022 (SCI-Expanded)
- XXII. **p-Coumaric acid alleviates cisplatin-induced ovarian toxicity in rats**
Ayazoğlu Demir E., Menteşe A., Kucuk H., Turkmen Alemdar N., Demir S.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.48, no.2, pp.411-419, 2022 (SCI-Expanded)
- XXIII. **Suppression of cisplatin-induced ovarian injury in rats by chrysin: an experimental study**
Menteşe A., Alemdar N. T., Livaoglu A., Demir E., Aliyazicioğlu Y., Demir S.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, vol.42, no.8, pp.3584-3590, 2022 (SCI-Expanded)

- XXIV. **In vitro, in silico and Pharmaco-toxicological Efficiencies of some Triazole Derivatives on Inhibition of Digestive Enzyme Alpha-amylase**
Demir E., ÇOLAK A., Uzuner S. C., YAŞAR A., BEKİRCAN O., Kabahasanoglu A.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.65, 2022 (SCI-Expanded)
- XXV. **Synthesis of hydrazine containing piperazine or benzimidazole derivatives and their potential as a-amylase inhibitors by molecular docking, inhibition kinetics and in vitro cytotoxicity activity studies**
Cakmak U., Oz-Tuncay F., Basoglu-Ozdemir S., Ayazoglu-Demir E., Demir I., ÇOLAK A., Celik-Uzuner S., ERDEM S., YILDIRIM N.
MEDICINAL CHEMISTRY RESEARCH, vol.30, no.10, pp.1886-1904, 2021 (SCI-Expanded)
- XXVI. **Dorycnium pentaphyllum Extract Has Antiproliferative Effect on Human Cervix and Colon Cancer Cells**
Demir S., Yaman S. O., Şener S. Ö., Demir E., Aliyazıcıoğlu R., Özgen U., Menteşe A., Değer O., Aliyazıcıoğlu Y.
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.72, no.3, 2020 (SCI-Expanded)
- XXVII. **Inhibition of urease by some new synthesized 1,2,4-triazol derivatives: Inhibition mechanism and molecular docking**
KALFA A., DEMİR E., ÇOLAK A., YAŞAR A., BEKİRCAN O.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, vol.58, no.6, pp.720-726, 2019 (SCI-Expanded)
- XXVIII. **Investigation of tyrosinase inhibition by some 1,2,4 triazole derivative compounds: In vitro and in silico mechanisms**
DEMİR E., ÇOLAK A., KALFA A., YAŞAR A., BEKİRCAN O., Akatin M. Y.
Turkish Journal of Biochemistry, vol.44, no.4, pp.473-481, 2019 (SCI-Expanded)
- XXIX. **Synthesis, biological activities and molecular docking studies of some novel 2,4,5-trisubstituted-1,2,4-triazole-3-one derivatives as potent tyrosinase inhibitors**
Akn S., Demir E., Çolak A., Kolcuoğlu Y., Yıldırım N., Bekircan O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1175, pp.280-286, 2019 (SCI-Expanded)
- XXX. **Dimethyl Sulfoxide Extract of Dianthus carmelitarum Induces S Phase Arrest and Apoptosis in Human Colon Cancer Cells**
TURAN İ., DEMİR S., ALİYAZICIOĞLU R., KILINÇ K., ÖZER YAMAN S., Cakiroglu K. A., KANBOLAT Ş., Demir E., MENTEŞE A., ALİYAZICIOĞLU Y., et al.
Nutrition and Cancer, vol.71, no.7, pp.1181-1188, 2019 (SCI-Expanded)
- XXXI. **One-pot, Four-Component Green Synthesis, Carbonic Anhydrase II Inhibition and Docking Studies of 5-Arylidenerhodanines**
MERMER A., DEMİRBAŞ N., ÇOLAK A., DEMİR E., KULABAŞ N., DEMİRBAŞ A.
CHEMISTRYSELECT, vol.3, no.43, pp.12234-12242, 2018 (SCI-Expanded)
- XXXII. **Antioxidant activities and acidic properties of some novel 4-[3,4-di-(4-nitrobenzoxy)-benzylidenamino]-4,5-dihydro-1H-1,2,4-triazol-5-one derivatives**
Gursoy-Kol O., Ayazoglu E.
ARABIAN JOURNAL OF CHEMISTRY, vol.10, 2017 (SCI-Expanded)
- XXXIII. **Cytotoxic effect of Laurocerasus officinalis extract on human cancer cell lines Laurocerasus officinalis ekstraktının İnsan kanser hücre serileri üzerindeki sitotoksik etkisi**
DEMİR S., TURAN İ., Demir F., Ayazoglu Demir E., ALİYAZICIOĞLU Y.
Marmara Pharmaceutical Journal, vol.21, no.1, pp.121-126, 2017 (SCI-Expanded)
- XXXIV. **Morus Rubra Extract Induces Cell Cycle Arrest and Apoptosis in Human Colon Cancer Cells Through Endoplasmic Reticulum Stress and Telomerase**
DEMİR S., Turan I., ALİYAZICIOĞLU Y., Kilinc K., Yaman S. O., DEMİR E., Arslan A., MENTEŞE A., DEĞER O.
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.69, no.1, pp.74-83, 2017 (SCI-Expanded)
- XXXV. **Antioxidant, Antigenotoxic, Antimicrobial Activities and Phytochemical Analysis of <i>Dianthus carmelitarum</i>**
ALİYAZICIOĞLU R., DEMİR S., badem M., ŞENER S. Ö., Korkmaz N., DEMİR E., ÖZGEN U., Karaoğlu S. A., ALİYAZICIOĞLU Y.

Articles Published in Other Journals

- I. **Gallic Acid Alleviates Methotrexate-Induced Oxidative Ovarian Damage in Rats**
Demir S., Türkmen Alemdar N., Ayazoğlu Demir E., Menteşe A., Aliyazıcıoğlu Y.
Farabi Tıp Dergisi, vol.3, no.4, pp.119-125, 2024 (Peer-Reviewed Journal)
- II. **The Effect of Chlorogenic Acid on Methotrexate-Induced Oxidative Stress and Inflammation in Lung Tissue of Rats**
Menteşe A., Demir S., Türkmen Alemdar N., Ayazoğlu Demir E., Aliyazıcıoğlu Y.
Farabi Tıp Dergisi, vol.3, no.3, pp.71-78, 2024 (Peer-Reviewed Journal)
- III. **Therapeutic Effect of Astaxanthin on 5-Fluorouracil-Induced Ovarian Damage in Rats**
Ayazoğlu Demir E., Menteşe A., Livaoglu A., Türkmen Alemdar N., Demir S., Aliyazıcıoğlu Y.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.11, no.1, pp.47-55, 2024 (Peer-Reviewed Journal)
- IV. **The Therapeutic Effect of p-Coumaric Acid on Lung Toxicity Induced by Methotrexate in Rats**
Demir S., Türkmen Alemdar N., Ayazoğlu Demir E., Menteşe A., Aliyazıcıoğlu Y.
Farabi Medical Journal, vol.3, no.2, pp.57-62, 2024 (Peer-Reviewed Journal)
- V. **N-Acetylcysteine Ameliorates 5-Fluorouracil-Induced Ovarian Injury in Rats**
AYAZOĞLU DEMİR E., MENTEŞE A., KÜÇÜK H., TÜRKMEN N., DEMİR S., ALİYAZICIOĞLU Y.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.13, no.4, pp.776-781, 2023 (ESCI)
- VI. **Alleviating Effect of Alpha-Pinene on Testicular Torsion and Detorsion Injury in Rats**
Demir S., Kazaz İ. O., Sağnak Yılmaz Z., Türkmen Alemdar N., Ayazoğlu Demir E., Tepe R. S., Menteşe A.
JOURNAL OF UROLOGICAL SURGERY, vol.10, no.3, pp.253-258, 2023 (ESCI)
- VII. **Determination of cytotoxic, anti-acetylcholinesterase and antioxidant activity of some medicinal Artemisia spp.**
CAN Z., ayazoglu demir e., AKAR Z., KARA Y., GIDIK B.
Turkish Journal of Analytical Chemistry (Online), vol.5, no.1, pp.1-10, 2023 (Peer-Reviewed Journal)
- VIII. **Therapeutic Effect of Sinapic Acid against 5-Fluorouracil-Induced Oxidative Stress and Inflammation in Rat Ovary: An Experimental Approach**
DEMİR S., MENTEŞE A., LİVAOĞLU A., AYAZOĞLU DEMİR E., TÜRKMEN N., ALİYAZICIOĞLU Y.
Farabi Medical Journal, vol.2, no.2, pp.1-7, 2023 (Peer-Reviewed Journal)
- IX. **Evaluation of Therapeutic Effect of Chrysin Against 5-Fluorouracil-Induced Ovarian Damage in Rats**
AYAZOĞLU DEMİR E., MENTEŞE A., DEMİR S., KÜÇÜK H., TÜRKMEN N., ALİYAZICIOĞLU Y.
Farabi Medical Journal, vol.2, no.1, pp.1-7, 2023 (Peer-Reviewed Journal)
- X. **Evaluation of the therapeutic effect of chrysin against 5-fluorouracil-induced ovarian damage in rats**
Ayazoğlu Demir E., Menteşe A., Demir S., Küçük H., Türkmen Alemdar N., Aliyazıcıoğlu Y.
Farabi Medical Journal, vol.2, no.1, pp.1-7, 2023 (Peer-Reviewed Journal)
- XI. **Vanillic acid attenuates testicular ischemia/reperfusion injury in rats**
Menteşe A., Demir S., Kazaz İ. O., Yuluğ E., Türkmen Alemdar N., Ayazoğlu Demir E., Durmuş T. B., Kartal M. B., Aliyazıcıoğlu Y.
BENI-SUEF UNIVERSITY JOURNAL OF BASIC AND APPLIED SCIENCES, vol.11, no.155, pp.1-6, 2022 (ESCI)
- XII. **Cytotoxic effect of a 3-(4-chlorophenyl)-5-(4-methoxybenzyl)-4H-1,2,4-triazole derivative compound in human melanoma cells**
Demir E., ÇOLAK A., Uzuner S. C., BEKİRCAN O.
INTERNATIONAL JOURNAL OF BIOLOGY AND CHEMISTRY, vol.14, no.1, pp.139-148, 2021 (ESCI)
- XIII. **Evaluation of Cytotoxic Effect of Onosma armeniacum Extract on Various Cancer Cells**
Demir S., Ayazoglu Demir E., Turan I., Özgen U.
KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.24, no.2, pp.252-259, 2021 (ESCI)
- XIV. **The Effect of Rosa pimpinellifolia Extract on the Proliferation of Human Tumor Cells**

Demir E., DEMİR S., Turkmen N., Turan I.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.24, no.6, pp.1170-1176, 2021 (ESCI)

XV. Investigation of the Cytotoxic Effect of Ethyl Pyruvate on Various Cancer Cell Lines

Ayazoglu Demir E., Demir S., Turan I.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.24, no.1, pp.49-56, 2021 (ESCI)

XVI. Astaksantin İnsan Akciğer ve Kolon Kanseri Hücrelerindeki Seçici Sitotoksik Etkisi

DEMİR S., AYAZOĞLU DEMİR E., ALİYAZICIOĞLU Y.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, no.6, pp.1489-1494, 2020 (ESCI)

XVII. In vitro Cytotoxic Effect of Ethanol and Dimethyl Sulfoxide on Various Human Cell Lines

AYAZOĞLU DEMİR E., DEMİR S., ALİYAZICIOĞLU Y.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, no.5, pp.1119-1124, 2020 (ESCI)

XVIII. Selective Cytotoxic Effect of Astaxanthin on Human Lung and Colon Cancer Cells

DEMİR S., Demir E., ALİYAZICIOĞLU Y.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, no.6, pp.1489-1494, 2020 (ESCI)

XIX. Phytochemical Analysis of Dorycnium pentaphyllum and Its Antiproliferative Effect on Cervix Cancer Cells

ALİYAZICIOĞLU Y., DEMİR S., Yaman S. O., ŞENER S. Ö., Demir E., ALİYAZICIOĞLU R., TURAN İ.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.22, pp.365-373, 2019 (ESCI)

Papers Presented at Peer-Reviewed Scientific Conferences

I. Cytotoxic effects of ethanol and dimethyl sulfoxide on human melanoma cells

Ayazoğlu Demir E., Çelik Uzuner S., Çolak A.

1. EBAT (Eurasia Biochemical Approaches & Technologies Congress), Antalya, Turkey, 27 - 30 October 2018, pp.156, (Summary Text)

II. Cytotoxic effects of a 1,2,4-triazole-3-one derivative complex in human melanoma cells

Ayazoğlu Demir E., Çelik Uzuner S., Bekircan O., Çolak A.

1. EBAT (Eurasia Biochemical Approaches & Technologies Congress), Antalya, Turkey, 27 - 30 October 2018, pp.155, (Summary Text)

III. In vitro alpha amylase inhibition activity of a new triazole compound on amylase over-expressing pancreas cancer cells

Ayazoğlu Demir E., Çelik Uzuner S., Çolak A., Bekircan O.

3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.589, (Summary Text)

IV. Synthesis and in vitro cytotoxic evaluation of a novel 1,2,4-triazole derivative

Kahveci B., Demir S., Ayazoğlu Demir E., Aliyazicioğlu Y.

4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.37, (Summary Text)

V. Biochemical kinetics and molecular docking studies on alpha-amylase inhibition by some novel 1,2,4 triazole derivative compounds

Ayazoğlu Demir E., Çolak A., Bekircan O., Yaşar A., Kalfa A.

4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.35, (Summary Text)

VI. Cytotoxic effect of Morus rubra extract on human colon cancer cells through increased endoplasmic reticulum stress and suppressed telomerase

Demir S., Turan İ., Kılınc K., Mısır S., Özer Yaman S., Ayazoğlu Demir E., Menteşe A., Aliyazicioğlu Y., Değer O.

1st International Cell Death Research Congress, İzmir, Turkey, 4 - 07 May 2016, pp.56, (Summary Text)

VII. Biochemical kinetics and molecular docking studies on tyrosinase inhibition by some novel 1,2,4

triazole derivative compounds

Ayazođlu E., Kalfa A., Akın Ő., Bekircan O., olak A., Yařar A., Sađlam Ertunga N.

3rd International BAU Drug Design Congress, İstanbul, Turkey, 1 - 03 October 2015, pp.21, (Summary Text)

VIII. In vitro inhibition of tyrosinase by some 1,2,4 triazole derivative compounds: Inhibition mechanism and molecular docking

Ayazođlu E., Kalfa A., olak A., Yařar A., Bekircan O., Yıldırım Akatın M.

3rd International BAU Drug Design Congress, İstanbul, Turkey, 1 - 03 October 2015, pp.21, (Summary Text)

IX. Preparation and in-vitro antioxidant activities of some novel 4-[3,4-di-(4-nitrobenzoxy)-benzylidenamino]-4,5-dihydro-1H-1,2,4-triazol-5-one derivatives

Gürsoy Kol Ö., Ayazođlu E.

Workshop on Determining Antioxidants as Reactive Species Scavengers, İstanbul, Turkey, 27 - 28 October 2014, pp.21, (Summary Text)

X. Synthesis and antioxidant activities of some novel 3-alkyl-4-[3,4-di(3,5-dinitrobenzoxy)-benzyliden-amino]-4,5-dihydro-1H-1,2,4-triazol-5-ones

Ayazođlu E., Gürsoy Kol Ö., Yüksek H., Zafer Z.

10th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2012, pp.20, (Summary Text)

XI. Preparation and in-vitro antioxidant activities of some novel heterocyclic schiff bases having 4,5-dihydro-1H-1,2,4-triazol-5-one ring

Yüksek H., Gürsoy Kol Ö., Ayazođlu E.

2nd International Conference on Organic Chemistry, Tbilisi, Georgia, 25 - 27 September 2011, pp.63, (Summary Text)

Funded Projects

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Ayazoğlu Demir E., Çolak A., Bekircan O., Çelik Uzuner S., Project Supported by Higher Education Institutions, Bazı Triazol Türevlerinin Klinik Öneme Sahip Alfa Amilaz ve Tirozinaz İnhibisyon Potansiyellerinin İn Vitro ve İn Siliko Olarak İncelenmesi, 2017 - 2019
Çolak A., Yaşar A., Bekircan O., TUBITAK Project, Yeni sentezlenmiş bazı triazol bileşiklerinin klinik ve/veya endüstriyel öneme sahip bazı enzimlerin inhibisyonu üzerine etkisinin kinetik olarak ve moleküler modelleme ile incelenmesi, 2014 - 2016
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Peer Reviews in Scientific Publications

BMC Complementary Medicine and Therapies, SCI Journal, October 2024
BMC Complementary Medicine and Therapies, Journal Indexed in SCI-E, May 2024
CURRENT EYE RESEARCH, Journal Indexed in SCI-E, December 2023
BMC Complementary Medicine and Therapies, Journal Indexed in SCI-E, December 2023
BMC Complementary Medicine and Therapies, SCI Journal, October 2023
BMC Complementary Medicine and Therapies, SCI Journal, January 2023
PHYTOTHERAPY RESEARCH, SCI Journal, September 2022
THERIOGENOLOGY, SCI Journal, February 2022
THERIOGENOLOGY, SCI Journal, January 2022
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NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, SCI Journal, October 2021
JOURNAL OF PHARMACY AND PHARMACOLOGY, SCI Journal, May 2021
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JOURNAL OF CLINICAL PATHOLOGY, SCI Journal, December 2020

Scientific Project Refereeing

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), July 2024
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), July 2024

Roles in Event Organizations

Ayazoğlu Demir E., Çolak A., 1st Eurasia Biochemical Approaches & Technologies Congress, Scientific Congress, Antalya, Turkey, Ekim 2018

Metrics

Publication: 66
Citation (WoS): 269
Citation (Scopus): 243
H-Index (WoS): 12
H-Index (Scopus): 9

Congress and Symposium Activities

6. INTERNATIONAL ENVIRONMENTAL CHEMISTRY CONGRESS, Attendee, Trabzon, Turkey, 2024
4th Anatolian Conference on Organic Chemistry , Working Group, Antalya, Turkey, 2024
MIDDLE EAST INTERNATIONAL CONFERENCE ON CONTEMPORARY SCIENTIFIC STUDIES-VII, Attendee, Bayrut, Lebanon, 2022
4TH INTERNATIONAL "BAŞKENT" CONGRESS ON PHYSICAL, SOCIAL AND HEALTH SCIENCES, Attendee, Ankara, Turkey, 2022
1. EBAT (Eurasia Biochemical Approaches & Technologies Congress), Attendee, Antalya, Turkey, 2018
3rd International Convention of Pharmaceuticals and Pharmacies, Attendee, İstanbul, Turkey, 2017
4th International BAU Drug Design Congress, Attendee, İstanbul, Turkey, 2016
1st International Cell Death Research Congress, Attendee, İzmir, Turkey, 2016
3rd International BAU Drug Design Congress, Attendee, İstanbul, Turkey, 2015
Workshop on Determining Antioxidants as Reactive Species Scavengers, Attendee, İstanbul, Turkey, 2014
10th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2012
2nd International Conference on Organic Chemistry, Attendee, Tbilisi, Georgia, 2011
25th National Chemistry Congress with International Participation, Attendee, Erzurum, Turkey, 2011

Awards

Ayazoğlu Demir E., Wiley Top Cited Article 2022-2023, Wiley, April 2024