

Prof. Dr. OLCAY BEKİRCAN

Kişisel Bilgiler

İş Telefonu: [+90 462 377 2488](tel:+904623772488)

Fax Telefonu: [+90 462 325 3196](tel:+904623253196)

E-posta: obekircan@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//obekircan>

Posta Adresi: KTÜ FEN FAKÜLTESİ KİMYA BÖLÜMÜ 61080 TRABZON

Uluslararası Araştırmacı ID'leri

ScholarID: LBYQIWUAAAAJ

ORCID: 0000-0002-9609-8959

Publons / Web Of Science ResearcherID: AAB-4173-2021

ScopusID: 6507692468

Yoksis Araştırmacı ID: 151982

Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, -, Kimya, Türkiye 1995 - 2000

Yüksek Lisans, Karadeniz Teknik Üniversitesi, -, Kimya, Türkiye 1991 - 1995

Lisans, Karadeniz Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 1987 - 1991

Yaptığı Tezler

Doktora, BAZI İMİDİK VE HİDRAZONİK ASİT TÜREVLERİ İLE BAZI HETEROHALKALI BİLEŞİKLERİN SENTEZİ VE REAKSİYONLARININ İNCELENMESİ, Karadeniz Teknik Üniversitesi, -, Kimya, 2000

Yüksek Lisans, 3-AMİNO-1,2,4-TRİAZOL'ÜN BAZI REAKSİYONLARININ İNCELENMESİ, Karadeniz Teknik Üniversitesi, -, Kimya, 1994

Araştırma Alanları

Kimya, Organik Kimya, Heterosiklik Bileşikler Kimyası, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Kimya, 2015 - Devam Ediyor

Doç. Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Kimya, 2010 - 2015

Yrd. Doç. Dr., Karadeniz Teknik Üniversitesi, Giresun Fen Edebiyat Fakültesi, Kimya, 2001 - 2008

Araştırma Görevlisi, Karadeniz Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 1993 - 2001

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Synthesis and comparison of the performance of two different water-soluble phthalocyanine based electrochemical biosensor

Kocak M., OSMANOĞULLARI S. C., Soyler D., ÖZTÜRMEŒ B. A., BEKİRCAN O., BIYIKLIOĐLU Z., Soylemez S.
BIOELECTROCHEMISTRY, cilt.160, 2024 (SCI-Expanded)

- II. **Novel phthalocyanines bearing 1,2,4-triazole substituents linked by sulfur bridges and investigating the photophysical and singlet oxygen generation properties**
MISIR M. N., Misir G., BEKİRCAN O., KANTEKİN H., Ozturk D., Durmuş M.
Inorganic Chemistry Communications, cilt.169, 2024 (SCI-Expanded)
- III. **Investigation of the Properties of 1,2,4-Triazole-3-thione Schiff Base Derivatives by Urease Inhibition as Therapeutic or Agrochemical Candidate Molecules**
Zehir Kirkbir G., Gultekin E., KOLCUOĐLU Y., BEKİRCAN O., ÇOLAK A.
ChemistrySelect, cilt.9, sa.26, 2024 (SCI-Expanded)
- IV. **Development of biobased, sustainable and environmentally friendly glycerol ester rosins for the production of thermoplastic road marking paint**
Yılmaz B., Deniz İ., Fazlı H., Bekircan O., Gültekin E., Pranovich A.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.0, sa., ss.1-10, 2024 (SCI-Expanded)
- V. **Sustainable Thermoplastic Road Marking Paint Production from Natural Modified Rosins**
YILMAZ B., DENİZ İ., Fazlı H., BEKİRCAN O., Pranovich A., Karaogul E.
BIORESOURCES, cilt.19, sa.2, ss.2160-2178, 2024 (SCI-Expanded)
- VI. **A green and simplified approach for the quantitative and sensitive analysis of heavy metal ions in sea and stream waters**
Duran C., Camoglu A., Ozdes D., Bekircan O.
WATER SCIENCE AND TECHNOLOGY, cilt.88, sa.11, ss.2862-2872, 2023 (SCI-Expanded)
- VII. **Metallo-phthalocyanines Containing 1,3,4-oxadiazole Substituents: Synthesis, Characterization, Electrochemical and Spectroelectrochemical Properties**
Akyüz D., DEMİRBAŞ Ü., BEKİRCAN O.
ChemistrySelect, cilt.8, sa.13, 2023 (SCI-Expanded)
- VIII. **Enhancing the photocatalytic performance of Co(II) and Cu(II) phthalocyanine by containing 1,3,4-thiadiazole groups in 4-nitrophenol oxidation reaction**
SAKA E. T., Tekintas K., BEKİRCAN O., BIYIKLIOĐLU Z.
Inorganica Chimica Acta, cilt.547, 2023 (SCI-Expanded)
- IX. **1,3,4-Thiadiazole and 1,2,4-triazole-5-thione derivatives bearing 2-pentyl-5-phenyl-2,4-dihydro-3H-1,2,4-triazole-3-one ring: Synthesis, molecular docking, urease inhibition, and crystal structure**
Gultekin E., BEKİRCAN O., KARA Y., GÜLER H. İ., Soylu M. S., KOLAYLI S.
ARCHIV DER PHARMAZIE, cilt.356, sa.1, 2023 (SCI-Expanded)
- X. **Synthesis of water soluble copper(II), manganese(III) phthalocyanines and their photocatalytic performances in benzyl alcohol photooxidation**
Fazlı H., Akkol Ç., OSMANOĞULLARI S. C., BIYIKLIOĐLU Z., SAKA E. T., BEKİRCAN O.
Journal of Organometallic Chemistry, cilt.983, 2023 (SCI-Expanded)
- XI. **Design and synthesis of new heterocyclic compounds containing 5-[(1*H*-1,2,4-triazol-1-yl)methyl]-3*H*-1,2,4-triazole-3-thione structure as potent hEGFR inhibitors**
Kolcuođlu Y., Bekircan O., Fazlı H., Sahin E., Türe A., Akdemir A., Hamarat Sanlier S.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.41, sa.22, ss.12753-12767, 2023 (SCI-Expanded)
- XII. **Monoamine oxidase A and B inhibitory activities of 3,5-diphenyl-1,2,4-triazole substituted [1,2,4]triazolo[3,4-b][1,3,4]thiadiazole derivatives**
BEKİRCAN O., DANIŞ Ö., Sahin M. E., Cetin M.
BIOORGANIC CHEMISTRY, cilt.118, 2022 (SCI-Expanded)
- XIII. **Synthesis, characterization, photophysical and photochemical properties of peripherally tetra-1,2,4-triazol-3-ylthio substituted metal-free phthalocyanine and its zinc(II) and lead(II) derivatives**
DEMİRBAŞ Ü., Yanik H., AKÇAY H. T., Durmus M., BEKİRCAN O., KANTEKİN H.
JOURNAL OF COORDINATION CHEMISTRY, cilt.75, sa.3-4, ss.448-456, 2022 (SCI-Expanded)
- XIV. **Preparation, characterization and photocatalytic activity of novel 1,2,4-triazole based Cu(II) and Zn(II) phthalocyanines modified TiO₂ nanoparticles**

- Tekintas K, KESMEZ Ö, BEKİRCAN O, SAKA E. T.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1248, 2022 (SCI-Expanded)
- XV. **In vitro, in silico and Pharmacotoxicological 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, cilt.65, 2022 (SCI-Expanded)
- XVI. **Sulfur bridged new metal-free and metallo phthalocyanines carrying 1,2,4-triazole rings and their photophysicochemical properties**
MISIR M. N., Misir G., BEKİRCAN O., KANTEKİN H., Ozturk D., Durmus M.
POLYHEDRON, cilt.207, 2021 (SCI-Expanded)
- XVII. **Synthesis of new 1,2,4-triazole-(thio)semicarbazide hybrid molecules: Their tyrosinase inhibitor activities and molecular docking analysis**
Gultekin E., BEKİRCAN O., KOLCUOĞLU Y., AKDEMİR A.
Archiv der Pharmazie, cilt.354, sa.8, 2021 (SCI-Expanded)
- XVIII. **Synthesis and pancreatic lipase inhibitory activities of some 1,2,4-triazol-5(3)-one derivatives**
Ozdemir Y., BEKİRCAN O., BALTAŞ N., MENTEŞE E.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.57, sa.12, ss.4239-4253, 2020 (SCI-Expanded)
- XIX. **Synthesis and evaluation of lipase inhibitory activities of substituted 1,2,4-triazole derivatives**
Ozdemir Y., BEKİRCAN O., ÇOLAK A., DOKUZPARMAK Ç.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, cilt.59, sa.9, ss.1409-1417, 2020 (SCI-Expanded)
- XX. **Synthesis and kinetics studies of N'-(2-(3,5-disubstituted-4H-1,2,4-triazol-4-yl)acetyl)-6/7/8-substituted-2-oxo-2H-chromen-3-carbohydrazone derivatives as potent antidiabetic agents**
Mentese E., Baltas N., BEKİRCAN O.
ARCHIV DER PHARMAZIE, cilt.352, sa.12, 2019 (SCI-Expanded)
- XXI. **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, cilt.58, sa.6, ss.720-726, 2019 (SCI-Expanded)
- XXII. **Synthesis and electrochemical properties of peripheral, non-peripheral tetra [2-(3,5-diphenyl-1H-1,2,4-triazol-1-yl)ethoxy] substituted cobalt(II), manganese(III) phthalocyanines**
KELES T., BIYIKLIOĞLU Z., GULTEKİN E., BEKİRCAN O.
INORGANICA CHIMICA ACTA, cilt.487, ss.201-207, 2019 (SCI-Expanded)
- XXIII. **Synthesis of 1,2,4-triazole-5-on derivatives and determination of carbonic anhydrase II isoenzyme inhibition effects**
AKIN S., AYALOĞLU H., GULTEKİN E., ÇOLAK A., BEKİRCAN O., Akatin M. Y.
Bioorganic Chemistry, cilt.83, ss.170-179, 2019 (SCI-Expanded)
- XXIV. **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, cilt.44, sa.4, ss.473-481, 2019 (SCI-Expanded)
- XXV. **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, cilt.1175, ss.280-286, 2019 (SCI-Expanded)
- XXVI. **A Study On Synthesis, Biological Activities and Molecular Modelling of Some Novel Trisubstituted 1,2,4-Triazole Derivatives**
Gultekin E., KOLCUOĞLU Y., AKDEMİR A., Sirin Y., BEKTAŞ H., BEKİRCAN O.
CHEMISTRYSELECT, cilt.3, sa.31, ss.8813-8818, 2018 (SCI-Expanded)
- XXVII. **Electrochemical and spectroelectrochemical study on novel non-peripherally tetra 1,2,4-triazole**

substituted phthalocyanines

- DEMİRBAŞ Ü., Akyuz D., AKCAY H. T., KOCA A., BEKİRCAN O., KANTEKİN H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1155, ss.380-388, 2018 (SCI-Expanded)
- XXVIII. **Synthesis and Biological Significances of New Heterocyclic Compounds Containing 5-(4-Chlorobenzyl)-3-(4-Chlorophenyl)-1H-1,2,4-triazol Ring**
Ozdemir Y., Gultekin E., BEKİRCAN O.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, cilt.39, sa.6, ss.1055-1067, 2017 (SCI-Expanded)
- XXIX. **A Novel Carrier Element-free Co-precipitation Method for Separation/Preconcentration of Lead and Cadmium Ions from Environmental Matrices**
BULUT V. N., Demirci H., ÖZDEŞ D., GÜNDOĞDU A., BEKİRCAN O., SOYLAK M., DURAN C.
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, cilt.35, sa.6, ss.1709-1715, 2016 (SCI-Expanded)
- XXX. **SYNTHESIS OF NEW FLUORINE-CONTAINING 1,2,4-TRIAZOLE-5-ON DERIVATIVES WITH THEIR ANTI-UREASE, ANTI-XANTHINE OXIDASE AND ANTIOXIDANT ACTIVITIES**
BEKİRCAN O., Baltas N., Mentese E., Gultekin E.
REVUE ROUMAINE DE CHIMIE, cilt.61, sa.10, ss.733-746, 2016 (SCI-Expanded)
- XXXI. **Synthesis, structural characterizations, and electrochemical and spectroelectrochemical properties of novel peripherally octa-substituted metallophthalocyanines**
Kantekin H., Sarkı G., Koca A., Bekircan O., Aktaş A., Kobak R. Z., Sağlam M. B.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, ss.53-62, 2015 (SCI-Expanded)
- XXXII. **Synthesis and antioxidant activities of some new triheterocyclic compounds containing benzimidazole, thiophene, and 1,2,4-triazole rings**
Mentese E., Yilmaz F., Baltas N., BEKİRCAN O., KAHVECİ B.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.30, sa.3, ss.435-441, 2015 (SCI-Expanded)
- XXXIII. **1,2,4-Triazole-substituted metallophthalocyanines carrying redox active cobalt(II), manganese(III), titanium(IV) center and their electrochemical studies**
Cakir D., BEKİRCAN O., BIYIKLIOĞLU Z.
SYNTHETIC METALS, cilt.201, ss.18-24, 2015 (SCI-Expanded)
- XXXIV. **Synthesis and electrochemical properties of axially disubstituted silicon phthalocyanine and peripherally tetra substituted manganese (III) phthalocyanine bearing 1,2,4-triazole substituents**
BIYIKLIOĞLU Z., BEKİRCAN O.
SYNTHETIC METALS, cilt.200, ss.148-155, 2015 (SCI-Expanded)
- XXXV. **Synthesis of some novel heterocyclic compounds derived from 2-[3-(4-chlorophenyl)-5-(4-methoxybenzyl)-4H-1,2,4-triazol-4-yl]acetohydrazide and investigation of their lipase and alpha-glucosidase inhibition**
BEKİRCAN O., Ulker S., Mentese E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.30, sa.6, ss.1002-1009, 2015 (SCI-Expanded)
- XXXVI. **A Novel Iron(III)-Selective Membrane Potentiometric Sensor Based on 5-Chloro-3-[4-(trifluoromethoxy) phenylimino] Indolin-2-one**
Demir E., Kemer B., BEKİRCAN O., Aboul-Enein H. Y.
CURRENT ANALYTICAL CHEMISTRY, cilt.11, sa.1, ss.29-35, 2015 (SCI-Expanded)
- XXXVII. **Microwave Assisted Synthesis of Some Novel 2-(3-Chlorobenzyl)-1H-Benzimidazole Derivatives and Determination of Their Antimicrobial Activity and pKa Values**
Mentese E., BEKİRCAN O., Islamoglu F., Beris F. S.
REVISTA DE CHIMIE, cilt.66, sa.1, ss.25-31, 2015 (SCI-Expanded)
- XXXVIII. **Synthesis and Pharmacological Activities of Some New 2-[1-Heptyl-3-(4-methoxybenzyl)-5-oxo-1,5-dihydro-4H-1,2,4-triazol-4-yl]acetohydrazide Derivatives**
BEKİRCAN O., Mentese E., Ulker S.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.69, ss.969-981, 2014 (SCI-Expanded)
- XXXIX. **The synthesis and structural characterization of new metallo phthalocyanines with 1,2,4-triazole fragments**

Bayrak R., BEKİRCAN O., Durmus M., DEĞİRMENCİOĞLU İ.

JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.767, ss.101-107, 2014 (SCI-Expanded)

- XL. **Synthesis of Some New 1,2,4-Triazole Derivatives Starting from 3-(4-Chlorophenyl)-5-(4-methoxybenzyl)-4H-1,2,4-triazol with Anti-Lipase and Anti-Urease Activities**
BEKİRCAN O., Mentese E., Ülker S., Küçük C.
ARCHIV DER PHARMAZIE, cilt.347, sa.6, ss.387-397, 2014 (SCI-Expanded)
- XLII. **Microwave-assisted synthesis of new benzimidazole derivatives with lipase inhibition activity**
Mentese E., Bektas H., Ulker S., BEKİRCAN O., KAHVECİ B.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.29, sa.1, ss.64-68, 2014 (SCI-Expanded)
- XLIII. **Synthesis of Unsymmetrical 3,5-disubstituted 1,2,4-triazole Derivatives with Their pKa Values**
BEKİRCAN O., İSLAMOĞLU F., MENTEŞE E., KAHVECİ B.
REVISTA DE CHIMIE, cilt.65, sa.1, ss.20-25, 2014 (SCI-Expanded)
- XLIV. **Efficient Synthesis of 5-(Substituted)benzyl-2,4-Dihydro-3H-1,2,4-Triazol-3-Ones Using Microwave Irradiation**
KAHVECİ B., Mentese E., Ozil M., BEKİRCAN O.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, cilt.35, sa.2, ss.411-414, 2013 (SCI-Expanded)
- XLV. **Use of ester formylhydrazones for the synthesis of 1,2,4-triazole and 1,3,4-oxadiazole derivatives**
YILDIRIM N., BEKİRCAN O.
JOURNAL OF CHEMICAL RESEARCH, sa.3, ss.160-163, 2013 (SCI-Expanded)
- XLVI. **Microwave-assisted synthesis of new benzimidazole derivatives with lipase inhibition activity** Read More: <http://informahealthcare.com/doi/abs/10.3109/14756366.2012.75388>
Mentese E., Bektaş H., Ülker S., BEKİRCAN O., KAHVECİ B.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.29, sa.1, ss.64-68, 2013 (SCI-Expanded)
- XLVII. **4-amino-3-(p-chlorophenyl)-5-(p-methoxybenzyl)-4H-1,2,4-triazole: X-ray and DFT-calculated Structures**
BEKİRCAN O., Şahin O., Şahin O., Şahin O., Şahin O., Şahin O.
CHINESE JOURNAL OF STRUCTURAL CHEMISTRY, cilt.30, sa.5, ss.731-737, 2011 (SCI-Expanded)
- XLVIII. **DETERMINATION OF PROTONATION CONSTANTS OF SOME 3-ALKYL(ARYL)-4-(p-t-BUTYL(BENZYL/BENZYLIDEN)AMINO)-4,5-DIHYDRO-1H-1,2,4-TRIAZOLE-5-ONE DERIVATIVES IN ETHANOL-WATER MIXTURES**
İSLAMOĞLU F., AKSU İ., Kahveci B., BEKİRCAN O.
BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, cilt.24, sa.2, ss.185-192, 2010 (SCI-Expanded)
- XLIX. **Synthesis of 1,2,4-Triazole Derivatives and Determination of Protonation Constant**
İSLAMOĞLU F., Kahveci B., Bekircan O.
ASIAN JOURNAL OF CHEMISTRY, cilt.21, sa.7, ss.5523-5534, 2009 (SCI-Expanded)
- L. **Synthesis and Characterization of Some New 3-(4-tert-Butylphenyl)-5-phenyl-4H-1,2,4-triazole Derivatives**
Bekircan O.
ASIAN JOURNAL OF CHEMISTRY, cilt.21, sa.2, ss.1017-1023, 2009 (SCI-Expanded)
- LI. **Carrier element-free coprecipitation (CEFC) method for the separation, preconcentration and speciation of chromium using an isatin derivative**
BULUT V. N., Ozdes D., Bekircan C., GÜNDOĞDU A., DURAN C., SOYLAK M.
ANALYTICA CHIMICA ACTA, cilt.632, sa.1, ss.35-41, 2009 (SCI-Expanded)
- LII. **Microwave-assisted synthesis and antifungal activity of some new 1H-1,2,4-triazole derivatives**
Kahveci B., Özil M., Mentese E., Bekircan O., Buruk K.
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, cilt.44, sa.12, ss.1816-1820, 2008 (SCI-Expanded)
- LIII. **Synthesis and Anticancer Evaluation of Some New 4-Amino-3-(p-methoxybenzyl)-4,5-dihydro-1,2,4-triazole-5-one Derivatives**
BEKİRCAN O., KÜÇÜK M., Kahveci B., Bektas H.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.63, sa.11, ss.1305-1314, 2008 (SCI-Expanded)

- LIII. **Novel metallophthalocyanines bearing 3-(p-chlorophenyl)-5-p-tolyl-4H-1,2,4-triazole bulky substituents by microwave irradiation**
BEKİRCAN O., BIYIKLIOĞLU Z., ACAR İ., BEKTAS H., KANTEKİN H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.693, ss.3425-3429, 2008 (SCI-Expanded)
- LIV. **Synthesis of Schiff and Mannich bases of isatin derivatives with 4-Amino-4,5-dihydro-1H-1,2,4-triazole-5-ones**
BEKİRCAN O., BEKTAŞ H.
MOLECULES, cilt.13, sa.9, ss.2126-2135, 2008 (SCI-Expanded)
- LV. **Synthesis and antioxidant properties of some new 3-(4-chlorophenyl)-5-(pyridin-4-yl)-4H-1,2,4-triazole derivatives**
BEKİRCAN O., Ozen T., Gumrukcuoglu N., Bektas H.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.63, sa.5, ss.548-554, 2008 (SCI-Expanded)
- LVI. **A New pH Indicator Based on 2, 5-Diaryl-1-salicylideneamino-1, 3, 4-triazole Derivative**
Gündoğdu A., BULUT V. N., DURAN C., Kemer B., BEKİRCAN O., Soylak M.
CHINESE JOURNAL OF CHEMISTRY, cilt.26, sa.1, ss.143-145, 2008 (SCI-Expanded)
- LVII. **Synthesis of Some N-Alkoxy carbonyl-N''-benzoyl-benzamidrazones (p-toluamidrazones) and 1, 3, 5-Trisubstituted 1, 2, 4-Triazole Derivatives from N-Benzoylimidates and their Antimicrobial and Anticancer Screening Studies**
BEKİRCAN O., KAHVECİ B., Özgümüş O. B.
CHINESE JOURNAL OF CHEMISTRY, cilt.25, sa.12, ss.1871-1877, 2007 (SCI-Expanded)
- LVIII. **Synthesis, crystal and molecular structure of 3-phenyl-5-p-tolyl-4(3,4,5-trimethoxybenzylideneamino)-4H-1,2,4-triazole**
Kazak C., Yilmaz V. T., Agar E., Bekircan O.
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.41, sa.6, ss.607-610, 2006 (SCI-Expanded)
- LIX. **Synthesis of new bis-1,2,4-triazole derivatives**
Bekircan O., Bektas H.
MOLECULES, cilt.11, sa.6, ss.469-477, 2006 (SCI-Expanded)
- LX. **Synthesis and anticancer evaluation of some new unsymmetrical 3,5-diaryl-4H-1,2,4-triazole derivatives**
Berikrcan O., Kahveci B., Küçük M.
TURKISH JOURNAL OF CHEMISTRY, cilt.30, sa.1, ss.29-40, 2006 (SCI-Expanded)
- LXI. **Synthesis and antimicrobial activity of some 3-alkyl-4-(arylmethyleneamino)-4, 5-dihydro-1H-1, 2, 4-triazol-5-ones**
KAHVECİ B., BEKİRCAN O., Karaoğlu Ş. A.
Indian J. Chem. B, cilt.44, ss.2614-2617, 2005 (SCI-Expanded)
- LXII. **Synthesis of some 3,5-biphenyl-4H-1,2,4-triazole derivatives as antitumor agents**
Bekircan O., Gumrukcuoglu N.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, cilt.44, sa.10, ss.2107-2113, 2005 (SCI-Expanded)
- LXIII. **Convenient synthesis of fused heterocyclic 1,3,5-triazines from some N-acyl imidates and heterocyclic amines as anticancer and antioxidant agents**
Bekircan O., Kuxuk M., Kahveci B., Kolaylı S.
ARCHIV DER PHARMAZIE, cilt.338, sa.8, ss.365-372, 2005 (SCI-Expanded)
- LXIV. **3,5-Diphenyl-4-(3,4,5-trimethoxybenzylamino)-4H-1,2,4-triazole**
Iskeleli N., Coruh U., Bekircan O., Agar A., Sasmaz S., Erdonmez A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- LXV. **4-(2,6-dichlorobenzylamino)-3,5-diphenyl-4H-1,2,4-triazole**
Atalay S., Yavuz M., Bekircan O., Karaolu S., Sahinbas E., Sasmaz S.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, 2005 (SCI-Expanded)
- LXVI. **1-methyl-3,5-diphenyl-1H-1,2,4-triazole**

- Yazici S., Isik S., Agar E., Karaoglu S., Bekircan O., Kolayli S., Senel I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- LXVII. **4-(2,4-dichlorobenzylamino)-3-phenyl-5-p-tolyl-4H-1,2,4-triazole**
Petek H., Senel I., Bekircan O., Agar E., Sasmaz S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.60, 2004 (SCI-Expanded)
- LXVIII. **4-(2,6-Dichlorobenzylamino)-3-phenyl-5-p-tolyl-4H-1,2,4-triazole**
Dincer M., Ozdemir N., Bekircan O., Sasmaz S., Kolayli S., Karaoglu S., Isik S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.60, 2004 (SCI-Expanded)
- LXIX. **3,5-Diphenyl-4-(3,4,5-trimethoxybenzyl-ideneamino)-4H-1,2,4-triazole**
Atalay S., Yavuz M., Bekircan O., Agar A., Sasmaz S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.59, 2003 (SCI-Expanded)
- LXX. **A convenient synthesis of some 3-alkylamino-4,5-dihydro-1H-1,2,4-triazol-5-ones**
Kahveci B., Bekircan O., Serdar M., İkizler A.
REVUE ROUMAINE DE CHIMIE, cilt.48, sa.8, ss.615-618, 2003 (SCI-Expanded)
- LXXI. **Synthesis of some 4-(arylmethylamino)-4,5-dihydro-1H-1,2,4-triazol-5-ones**
Kahveci B., Bekircan O., Serdar M., İkizler A.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, cilt.42, sa.6, ss.1527-1530, 2003 (SCI-Expanded)
- LXXII. **Synthesis and Antibacterial Activities of some 1,2,4-Triazole Derivatives**
İkizler A., Johanson C., BEKİRCAN O., Çelik C.
Acta Poloniae Pharmaceutica. Drug Research, cilt.56, sa.4, ss.283-288, 1999 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **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, cilt.14, sa.1, ss.139-148, 2021 (ESCI)
- II. **Synthesis of some new 1,2,4-triazole derivatives, investigation of their fluorescence properties and biological activities**
GÜLTEKİN E., KARDİL U., TOPALOĞLU Y., OCAK M., YILDIRIM N., ALKAN TÜRKUÇAR S., KÜÇÜK M., BEKTAŞ H., BEKİRCAN O.
Karadeniz Chemical Science and Technology, cilt.1, ss.36-42, 2017 (Hakemli Dergi)
- III. **Microwave-Assisted Synthesis of Some New Benzimidazole Derivatives with their Antimicrobial Activity**
Mentese E., Yilmaz F., Beris F. S., BEKİRCAN O., KAHVECİ B.
CURRENT MICROWAVE CHEMISTRY, cilt.2, sa.1, ss.32-39, 2015 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Synthesis of New Water Soluble Cu(II) and Mn(III) Phthalocyanines and Investigation of Their Photocatalytic Activities on the Photooxidation of Benzyl Alcohol**
Fazlı H., Akkol Ç., Osmanoğulları S. C., Bıyıklıoğlu Z., Saka E. T., Bekircan O.
4.EBAT Eurasia Biochemical Approaches Technologies Congress, Antalya, Türkiye, 3 - 06 Kasım 2022, ss.78
- II. **Ring opening polymerization (ROP) of 2[3,5 -diphenyl-1H-1,2,4-triazol-1-yl]ethanol with ε-caprolactonand synthesis of homopolymer and copolymers with atom transfer radical polymerization (ATRP),investigation of photocatalic properties**
Mutlu S., Islami S., Bekircan O., Savaşkan Yılmaz S.
7th European Symposium of Photopolymer Science, İstanbul, Türkiye, 19 - 22 Eylül 2022, ss.65

- III. **1,2,4-TRIAZOL HALKALARI TAŞIYAN KÜKÜRT KÖPRÜLÜ YENİ METALLİ ve METALSİZ FTALOSİYANİNLER ve FOTO-FİZİKOKİMYASAL ÖZELLİKLERİ**
Mısır M. N., Mısır G., Bekircan O., Kantekin H., Öztürk D., Durmuş M.
VIII. Ulusal Anorganik Kimya Kongresi, Tekirdağ, Türkiye, 2 - 05 Eylül 2021, ss.88
- IV. **AMYLASE INHIBITION EFFECIENCE OF SOME FLUORINE-CONTAINING 1,2,4-TRIAZOLE-5-ON DERIVATIVES**
ÇAKMAK Ü., ÖZ TUNCAY F., KOLCUOĞLU Y., BEKİRCAN O.
2nd International Turkish World Engineering and Science Congress, 7 - 10 Kasım 2019
- V. **Investigation of inhibitor activity on newly synthesized Novel trisubstitue 1,2,4triazole compounds on AChE**
KOLCUOĞLU Y., GÜLTEKİN E., BEKİRCAN O., ŞİRİN Y.
1. Ebat Congress, 27 - 30 Ekim 2018
- VI. **A study on the Synthesis and Tyrosinase Activities of Some Novel Semicarbazide Analogs**
GÜLTEKİN E., BEKİRCAN O., KOLCUOĞLU Y.
1. EBAT CONGRESS, 27 - 30 Ekim 2018
- VII. **Cytotoxic Effects of a 1,2,4-triazole-3-one derivative complex in Human Melanoma Cells**
AYAZOĞLU DEMİR E., ÇELİK UZUNER S., BEKİRCAN O., ÇOLAK A.
1. EUROASIA BIOCHEMICAL APPROACHES TECHNOLOGIES, 27 - 30 Ekim 2018
- VIII. **Investigation of Tyrosinase Activities of Some Thiosemicarbazide Derivatives Containing 1,2,4-Triazole-3-on Ring**
GÜLTEKİN E., BEKİRCAN O., KOLCUOĞLU Y.
1. EBAT CONGRESS, 27 - 30 Ekim 2018
- IX. **New Mercapto-1,2,4-triazole Compounds as Candidate Molecules for Ulcer Treatment**
ZEHİR KIRKBIİR G., KOLCUOĞLU Y., BEKİRCAN O., ÇOLAK A.
1. Ebat Congress, 27 - 30 Ekim 2018
- X. **Inhibition of Canavalia ensiformis urease with new 1,2,4-triazole compounds**
KOLCUOĞLU Y., GÜLTEKİN E., BEKİRCAN O., AKDEMİR A.
1. EBAT CONGRESS, 27 - 30 Ekim 2018
- XI. **The Inhibitory Effects Of Some Newly Synthesized 1,2,4 Triazole-5-one Derivatives On Carbonic Anhydrase-II Activity**
Ayaloğlu H., ÇOLAK A., Akin Ş., Gültekin E., BEKİRCAN O., Çakmak Ü., YILDIRIM AKATIN M.
1. Euroasia Biochemical Approaches & Technologies Congress (EBAT2018), Antalya, Türkiye, 27 - 30 Ekim 2018, ss.1
- XII. **Determination K Shell Fluorescence Parameters for Titanium, Its Compounds and Complexes By Means of 5.96 keV Photons**
Koksal O. K., APAYDIN G., BIYIKLIOĞLU Z., BEKİRCAN O., Cengiz E., Karabulut K.
33rd International Physics Congress of the Turkish-Physical-Society (TPS), Bodrum, Türkiye, 6 - 10 Eylül 2017, cilt.1935
- XIII. **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, Türkiye, 26 - 29 Nisan 2017, ss.589
- XIV. **In vitro alpha amylase inhibition activity of a new triazole compound on amylase over-expressing pancreas cancer cells**
Ayazoğlu Demir E., ÇELİK UZUNER S., ÇOLAK A., BEKİRCAN O.
3. İVEK Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Türkiye, 26 - 29 Nisan 2017
- XV. **Biochemical Kinetics And Molecular Docking Studies On Alpha Amylase Inhibition By Some Novel 1 2 4 Triazole Derivative Compounds**
Ayazoğlu Demir E., ÇOLAK A., BEKİRCAN O., YAŞAR A., Kalfa A.
4. International BAU Drug Design Congress, 13 - 15 Ekim 2016
- XVI. **Synthesis and Anti Lipase Activity of some New Hydrazide Hydrazone Derivatives Containing 5 4**

chlorobenzyl 2 Undecyl 2 4 Dihydro 3H 1 2 4 triazol 3 on Ring

Özdemir Y., BEKİRCAN O.

4th International BAU Drug Design Congress, İstanbul, Türkiye, 13 - 15 Ekim 2016

XVII. Synthesis of Some New 1 2 4 Triazole Derivatives and Their Anti Lipase Activities

Özdemir Y., BEKİRCAN O.

4th International BAU Drug Design Congress, İstanbul, Türkiye, 13 - 15 Ekim 2016

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

Ayazoğlu Demir E., Kalfa A., ÇOLAK A., YAŞAR A., BEKİRCAN O., YILDIRIM AKATIN M.

3rd International BAU-Drug Design Congress, İstanbul, Türkiye, 1 - 03 Ekim 2015, ss.1

XIX. Investigation of urease inhibition by some 1,2,3 triazol derivatives

Kalfa A., Ayazoğlu E., YAŞAR A., ÇOLAK A., BEKİRCAN O., KOLCUOĞLU Y.

3rd international Bau-drug desing congres, İstanbul, Türkiye, 1 - 03 Ekim 2015, ss.160

XX. Carrier Element Free Coprecipitation with 3-(4-Tert-Butylphenyl)-5-Phenyl-4-(2-Hydroxy-4Methoxybenzylamino)-4H-1,2,4-Triazole for Separation/Preconcentration of Pb(II) and Cd(II) from Various Matrix

BULUT V. N., Demirci H., Özdeş D., BEKİRCAN O., Soylak M., DURAN C.

6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Türkiye, 10 - 14 Eylül 2013

XXI. Carrier element-free coprecipitation (CEFC) method for speciation of chromium

BULUT V. N., Özdeş D., BEKİRCAN O., Gündoğdu A., DURAN C., Soylak M.

6th Aegean Analytical Chemistry Days, Denizli, Türkiye, 9 - 12 Ekim 2008, ss.310

XXII. A new pH indicator based on isatine derivative

BULUT V. N., Gündoğdu A., DURAN C., BEKİRCAN O., Soylak M.

6th Aegean Analytical Chemistry Days, Denizli, Türkiye, 9 - 12 Ekim 2008, ss.370

XXIII. 1,2,4-Triazol Grup İçeren Yeni Metalli Ftalosiyanınların Sentezi ve Karakterizasyonu

ACAR İ., BIYIKLIOĞLU Z., BEKİRCAN O., BEKTAS H., KANTEKİN H.

XXII. Ulusal Kimya Kongresi, Gazimagusa, Türkiye, 6 - 10 Ekim 2008, ss.72

XXIV. 3-Fenil-5- p - Tolil- 4- (2-Hidroksibenzilideb amino)-4H-1,2,4-Triazol Bileşiğinin Yeni Bir pH İndikatörü Olarak Kullanılabilirliğinin Araştırılması

BULUT V. N., DURAN C., Gündoğdu A., Kemer B., BEKİRCAN O.

III. Ulusal Analitik Kimya Kongresi, Çanakkale, Türkiye, 5 - 07 Temmuz 2006, ss.183

XXV. Bazı Kaynaşmış Heterohalkalı Bileşiklerin Antioksidan Özellikleri

KÜÇÜK M., BEKİRCAN O., KOLAYLI S., ULUSOY E.

XVIII. Ulusal Kimya Kongresi, Kars, Türkiye, 5 - 09 Temmuz 2004, ss.539

XXVI. 5-Amino-1H-tetrazol ve 2-Amino-5-merkapt-1,3,4-tiyadiazol'ün Bazı Reaksiyonlarının İncelenmesi

BAHÇECİ Ş., BEKİRCAN Ö., YÜKSEK H.

XV. Ulusal Kimya Kongresi, İstanbul, Türkiye, 4 - 05 Nisan 2001, ss.14

Desteklenen Projeler

KOLCUOĞLU Y., Akdemir A., BEKİRCAN O., Şanlıer Ş., Demirci A., TÜBİTAK Projesi, Antikanser aday ve potansiyel hEGFR inhibitörü olarak yeni 1,2,4-triazol bileşiklerinin sentezi ve biyokimyasal özelliklerinin incelenmesi, 2018 - Devam Ediyor

BEKİRCAN O., KOLCUOĞLU Y., TÜBİTAK Projesi, 1,2,4-Triazol-3-on halkası içeren yeni (tiyo)semikarbazid türevi bileşiklerin sentezi ve Trosinaz aktivitesi üzerine etkilerinin incelenmesi, Devam Ediyor

BEKİRCAN O., ŞAHİN M. E., Yükseköğretim Kurumları Destekli Proje, 3,5-Difenil 1,2,4-Triazol Halkası İçeren 1,2,4-Triazolo-tiyadiazol Türevlerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi, 2018 - 2019

Ayazoğlu Demir E., Çolak A., Bekircan O., Çelik Uzuner S., Yükseköğretim Kurumları Destekli Proje, Bazı Triazol Türevlerinin Klinik Öneme Sahip Alfa Amilaz ve Tirozinaz İnhibisyon Potansiyellerinin İn Vitro ve İn Siliko Olarak İncelenmesi, 2017 - 2019

MISIR M. N., DURMUŞ M., BEKİRCAN O., MISIR G., Yükseköğretim Kurumları Destekli Proje, Bazı Yeni 124Triazol Halkası

İçeren Kükürt Köprülü Metalli ve Metalsiz Ftalosiyanın Sentezi ve Foto Dinamik Terapideki Aktivitelerinin İncelenmesi, 2017 - 2018

ÇELİK UZUNER S., BEKİRCAN O., AYAZOĞLU E., Yükseköğretim Kurumları Destekli Proje, Bazı Yeni Triazol Bileşiklerinin Klinik Öneme Sahip Alfa Amilaz İnhibisyonu Potansiyellerinin Hücre Kültürü Çalışmalarıyla İncelenmesi, 2016 - 2017

BEKİRCAN O., Özdemir Y., Yükseköğretim Kurumları Destekli Proje, Unsimetrik 3,5-Disubstitue 4H-124-Triazol-4-il Asetohidrazid Türevlerinin Sentezi ve Reaksiyonlarının İncelenmesi, 2014 - 2016

YAŞAR A., ÇOLAK A., BEKİRCAN O., TÜBİTAK Projesi, Yeni Sentezlenmiş Bazı Triazol Bileşiklerinin Klinik ve/veya Endüstriyel Öneme Sahip Bazı Enzimlerin İnhibisyonu Üzerine Etkisinin Kinetik Olarak ve Moleküller Modellemeyle İncelenmesi, 2014 - 2016

Çolak A., Yaşar A., Bekircan O., TÜBİTAK Projesi, 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

BEKİRCAN O., Yükseköğretim Kurumları Destekli Proje, 3,5-Disubstitue-1,2,4-Triazol Halkası İçeren Yeni Heterosiklik Bileşiklerin Sentezi, 2013 - 2014

BEKİRCAN O., Yükseköğretim Kurumları Destekli Proje, 1,2,4-Triazol Halkası İçeren Yeni Heterosiklik Bileşiklerin Sentezi, 2011 - 2012

BEKİRCAN O., Yükseköğretim Kurumları Destekli Proje, Bazı Yeni 3.5-Disubstitue-4h-1.2.3-Triazol Türevlerinin Sentezi, 2009 - 2011

Bilimsel Kuruluşlardaki Üyelikler / Görevler

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Kongre ve Sempozyum Katılımı Faaliyetleri

Biochemical Kinetics And Molecular Docking Studies on Tyrosinase Inhibition By Some Novel 1,2,4-Triazole Derivative Compounds, Katılımcı, İstanbul, Türkiye, 2015

In Vitro Inhibition Of Tyrosinase By Some 1,2,4 Triazole Derivative Compounds: Inhibition Mechanism And Molecular Docking, Katılımcı, İstanbul, Türkiye, 2015

Investigation Of Urease Inhibition By Some 1,2,4 Triazol Derivatives, Katılımcı, İstanbul, Türkiye, 2015

Triazol ve Oksadiazol Halkası İçeren Bazı Heterosiklik Bileşiklerin Sentezive Biyolojik Özelliklerinin İncelenmesi, Katılımcı, Antalya, Türkiye, 2015

Akademi Dışı Deneyim

KARADENİZ TEKNİK ÜNİVERSİTESİ