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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, -, Kimya, Turkey 2006 - 2012

Postgraduate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Biyokimya Anabilim Dalı, Turkey 2003 - 2006

Undergraduate, Karadeniz Technical University, Rize Fen-Edebiyat Fakültesi, Kimya, Turkey 1999 - 2003

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Anoxybacillus gonensis Z4 Suşundan Ekstraselüler Alfa-Amilaz Enziminin Saflaştırılması ve Karakterizasyonu, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya, 2012

Postgraduate, Metabolik Sendromda Okside LDL Düzeyleri, Karadeniz Technical University, Spor Bilimleri Fakültesi, Biyokimya Anabilim Dalı, 2006

Research Areas

Chemistry, Biochemistry, Enzyme Kinetics, Protein Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2023 - Continues

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2017 - 2022

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2014 - 2017

Instructor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2005 - 2014

Academic and Administrative Experience

Head of Department, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya, 2017 - 2023

Advising Theses

Baltaş N., Bakla (*Vicia faba* L.) Polifenol Oksidazının Biyokimyasal Özelliklerinin İncelenmesi, Postgraduate, C.UZUN(Student), 2022

Baltaş N., Piperazin halkası içeren benzimidazol türevi bileşiklerin α -glukozidaz inhibitör özelliklerinin ve antioksidan aktivitelerinin incelenmesi, Postgraduate, M.YAZICI(Student), 2019

Alpay Karaoğlu Ş., Baltaş N., *Helicobacter pylori* karakterizasyonu, bal ve propolis örneklerinin bakteri ve üreazı üzerine inhibisyon etkilerinin araştırılması, Postgraduate, C.TARAKÇI(Student), 2018

BALTAŞ N., GÖVEM ERIĞİ (*Prunus spinosa* L.) POLİFENOL OKSİDAZ ENZİMİNİN BİYOKİMYASAL ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, S.PAKYILDIZ(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis of benzimidazoles containing piperazine ring as potential therapeutic agents against diabetes mellitus and antioxidant activities**
Özil M., Khan K. M., Baltaş N., Wadood A., Samad A., Kahveci B.
Journal of Molecular Structure, vol.1304, 2024 (SCI-Expanded)
- II. **Indenoquinoxaline-phenylacrylohydrazide hybrids as promising drug candidates for the treatment of type 2 diabetes: In vitro and in silico evaluation of enzyme inhibition and antioxidant activity**
Hameed S., Saleem F., Özil M., Baltaş N., Salar U., Ashraf S., Ul-Haq Z., Taha M., Khan K. M.
International Journal of Biological Macromolecules, vol.263, 2024 (SCI-Expanded)
- III. **Some Schiff Bases Containing Eugenol and Guaiacol: Comparison of Urease Inhibition and Anti-*Helicobacter pylori* Activities with Its Azo Analogs**
Kantar C., Baltaş N., Alpay Karaoğlu Ş., Şaşmaz S.
Pharmaceutical Chemistry Journal, vol.57, no.11, pp.1738-1744, 2024 (SCI-Expanded)
- IV. **Indole-pyridine carbonitriles: multicomponent reaction synthesis and bio-evaluation as potential hits against diabetes mellitus**
Solangi M., Khan K. M., Ji X., Özil M., Baltaş N., Salar U., Khan A., Haq Z. U., Meghwar H., Taha M.
Future medicinal chemistry, vol.15, no.21, pp.1943-1965, 2023 (SCI-Expanded)
- V. **Metabolite profiling of *Althaea officinalis* by HPLC-DAD-MS with in silico and in vitro analysis for therapeutic potential**
AKYÜZ TURUMTAY E., DEMİR A., Cetiz M. V., Uludag E. B., BALTAŞ N., Yaman B., Yaman M., EMİRİK M., TURUMTAY H.
CHEMICAL PAPERS, vol.77, no.10, pp.6235-6253, 2023 (SCI-Expanded)
- VI. **Multicomponent diastereoselective synthesis of tetrahydropyridines as α -amylase and α -glucosidase enzymes inhibitors**
Saleem F., Shamim F., Özil M., Baltaş N., Salar U., Ashraf S., Ul-Haq Z., Taha M., Solangi M., Khan K. M.
Future medicinal chemistry, vol.15, no.15, pp.1343-1368, 2023 (SCI-Expanded)
- VII. **Regioselective syntheses of 2-oxopyridine carbonitrile derivatives and evaluation for antihyperglycemic and antioxidant potential**
Saleem F., Haider M., Mohammed Khan K., Özil M., Baltaş N., Ul-Haq Z., Qureshi U., Salar U., Taha M., Hameed S., et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.241, pp.124589, 2023 (SCI-Expanded)
- VIII. **Bioevaluation of synthetic pyridones as dual inhibitors of alpha-amylase and alpha-glucosidase enzymes and potential antioxidants**
Saleem F., Khan K. M., Ullah N., Özil M., Baltaş N., Hameed S., Salar U., Wadood A., Rehman A. U., Kumar M., et al.
ARCHIV DER PHARMAZIE, vol.356, no.1, 2023 (SCI-Expanded)
- IX. **Chemical analysis and biological activity of the essential oils and extracts of two liverwort species**

growing in Turkey

Celik G., Sahin H., BALTAŞ N., BATAN N., ALPAY KARAOĞLU Ş., YAYLI N.
BOTANICA SERBICA, vol.47, no.1, pp.31-40, 2023 (SCI-Expanded)

- X. **Synthesis of novel thiosemicarbazone derivatives as antidiabetic agent with enzyme kinetic studies and antioxidant activity**
TOK F., KÜÇÜKAL B., BALTAŞ N., Yılmaz G. T., KAYMAKÇIOĞLU B.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.197, no.12, pp.1284-1294, 2022 (SCI-Expanded)
- XI. **Hydrazinyl thiazole linked indenoquinoxaline hybrids: Potential leads to treat hyperglycemia and oxidative stress; Multistep synthesis, alpha-amylase, and antioxidant activities**
Hameed S., Khan K. M., Salar U., Özil M., Baltaş N., Saleem F., Qureshi U., Taha M., Ul-Haq Z.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.221, pp.1294-1312, 2022 (SCI-Expanded)
- XII. **Radiological health risks assessment and antioxidant activities of beehive honeys: a case study of Manisa province, Turkey**
ŞİRİN M., BALTAŞ N., DEMİR KANBUR E., ÖZÇELİK A. E., ÇEVİK U., BALTAŞ H.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2022 (SCI-Expanded)
- XIII. **Urease and acetylcholinesterase enzyme inhibitor novel phthalonitrile azo compounds**
KANTAR C., BALTAŞ N., Dereci O. K., ŞAŞMAZ S.
INDIAN JOURNAL OF CHEMISTRY, vol.61, no.11, pp.1188-1193, 2022 (SCI-Expanded)
- XIV. **Synthesis of quinazolinone derivatives containing an acyl hydrazone skeleton as potent anti-urease agents enzyme kinetic studies and anti-oxidant properties**
BALTAŞ N.
JOURNAL OF CHEMICAL RESEARCH, vol.46, no.3, 2022 (SCI-Expanded)
- XV. **Synthesis, Biological Evaluation and in Silico Studies of New Pyrazoline Derivatives Bearing Benzo[d]thiazol-2(3H)-one Moiety as Potential Urease Inhibitors**
TOK F., BALTAŞ N., TATAR YILMAZ G., KAYMAKÇIOĞLU B.
CHEMISTRY & BIODIVERSITY, vol.19, no.3, 2022 (SCI-Expanded)
- XVI. **Developing a scaffold for urease inhibition based on benzothiazoles: Synthesis, docking analysis, and therapeutic potential**
Özil M., Tuzcuoglu O., Emirik M., Baltaş N.
ARCHIV DER PHARMAZIE, vol.354, no.12, 2021 (SCI-Expanded)
- XVII. **New Potential Monotherapeutic Candidates for Helicobacter pylori: Some Pyridinazo Compounds Having Both Urease Enzyme Inhibition and Anti-Helicobacter pylori Effectiveness**
Kantar C., Baltaş N., Alpay Karaoğlu Ş., Şaşmaz S.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.55, no.3, pp.246-252, 2021 (SCI-Expanded)
- XVIII. **Synthesis and Molecular Docking Studies of Potent Urease Inhibitors Based on Benzoxazole Scaffold**
Özil M., Tuzcuoglu O., Baltaş N., Emirik M.
CHEMISTRYSELECT, vol.6, no.21, pp.5307-5312, 2021 (SCI-Expanded)
- XIX. **Synthesis and biological evaluation of benzimidazolone bridged triheterocyclic compounds**
MENTEŞE E., Guven O., Caliskan N., BALTAŞ N.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.58, no.6, pp.1259-1267, 2021 (SCI-Expanded)
- XX. **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, vol.57, no.12, pp.4239-4253, 2020 (SCI-Expanded)
- XXI. **Synthesis, alpha-glucosidase inhibition and in silico studies of some 4-(5-fluoro-2-substituted-1H-benzimidazol-6-yl)morpholine derivatives**
Menteşe E., Baltaş N., Emirik M.
BIOORGANIC CHEMISTRY, vol.101, 2020 (SCI-Expanded)
- XXII. **Synthesis, Antibacterial and Antioxidant Activities of Some New Nsubstituted Azachalcone, Schiff base and Pyrazole Derivatives**
Caliskan N., USTA A., BERİŞ F. Ş., BALTAŞ N., Celik E.

- LETTERS IN ORGANIC CHEMISTRY, vol.17, no.8, pp.631-638, 2020 (SCI-Expanded)
- XXIII. **Synthesis and Molecular Docking Studies of Novel Triazole Derivatives as Antioxidant Agents**
Ozil M., Tacal G., Baltas N., Emirik M.
LETTERS IN ORGANIC CHEMISTRY, vol.17, no.4, pp.309-320, 2020 (SCI-Expanded)
- XXIV. **Efficient Synthesis of 2-[(3,4-Dichlorophenyl)methyl]-1H-benzimidazole Derivatives, and their alpha-Glucosidase Inhibitory and Antioxidant Activities**
MENTEŞE E., YILMAZ F., BALTAŞ N.
LETTERS IN ORGANIC CHEMISTRY, vol.17, no.10, pp.806-814, 2020 (SCI-Expanded)
- XXV. **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-carbohydrazide derivatives as potent antidiabetic agents**
Mentese E., Baltas N., BEKİRCAN O.
ARCHIV DER PHARMAZIE, vol.352, no.12, 2019 (SCI-Expanded)
- XXVI. **Synthesis and Biological Evaluation of Some Succinimide Hybrid Molecules**
Yilmaz F., Mentese E., Baltas N.
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, vol.45, no.6, pp.575-584, 2019 (SCI-Expanded)
- XXVII. **SYNTHESIS, INHIBITORY PROPERTIES ON THE METABOLIC ENZYMES AND ANTIOXIDANT ACTIVITY OF A NEW SERIES BENZIMIDAZOLE DERIVATIVES**
KARAALI N., ATIK R., Balta N., Sasmaz S., KAHVECİ B.
REVUE ROUMAINE DE CHIMIE, vol.64, no.8, pp.719-726, 2019 (SCI-Expanded)
- XXVIII. **Synthesis, in vitro urease inhibition and molecular docking studies of some novel quinazolin-4(3H)-one derivatives containing triazole, thiadiazole and thiosemicarbazide functionalities**
Mentese E., Akyuz G., Emirik M., Baltas N.
BIOORGANIC CHEMISTRY, vol.83, pp.289-296, 2019 (SCI-Expanded)
- XXIX. **SOME EDIBLE FOREST FRUITS THEIR IN VITRO ANTIOXIDANT ACTIVITIES, PHENOLIC COMPOUNDS AND SOME ENZYME INHIBITION EFFECTS**
OKAN O. T., Serencam H., Baltas N., Can Z.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.8, pp.6090-6098, 2019 (SCI-Expanded)
- XXX. **Synthesis of some novel quinazolin-4(3H)-one hybrid molecules as potent urease inhibitors**
Mentese E., Akyuz G., Yilmaz F., Baltas N., Emirik M.
ARCHIV DER PHARMAZIE, vol.351, no.12, 2018 (SCI-Expanded)
- XXXI. **SYNTHESIS OF SOME NOVEL PYRAZOLINE AND PYRAZOLE DERIVATIVES AS POTENTIAL IN VITRO ANTI-XANTHINE OXIDASE AND ANTIOXIDANT ACTIVITIES**
Usta A., Baltas N., Ozkan M.
REVUE ROUMAINE DE CHIMIE, vol.63, no.12, pp.1097-1105, 2018 (SCI-Expanded)
- XXXII. **Synthesis and Urease Inhibition Study of Some New Quinazolinone Derivatives Bearing Triazole, Thiadiazole, and Piperazine Moiety**
Karaali N., MENTEŞE M., Baltas N., Mentese E.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.55, no.11, pp.2571-2577, 2018 (SCI-Expanded)
- XXXIII. **Synthesis and molecular docking study of some novel 2,3-disubstituted quinazolin-4(3H)-one derivatives as potent inhibitors of urease**
Akyuz G., Mentese E., Emirik M., Baltas N.
BIOORGANIC CHEMISTRY, vol.80, pp.121-128, 2018 (SCI-Expanded)
- XXXIV. **Synthesis and antioxidant, antiurease and anti-xanthine oxidase activities of some new benzimidazoles bearing triazole, oxadiazole, thiadiazole and imin function**
Karaali N., Baltas N., Mentese E.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, vol.57, no.3, pp.374-384, 2018 (SCI-Expanded)
- XXXV. **SOME AZO DYES CONTAINING EUGENOL AND GUAIACOL, SYNTHESIS, ANTIOXIDANT CAPACITY, UREASE INHIBITORY PROPERTIES AND ANTI-HELICOBACTER PYLORI ACTIVITY**
KANTAR C., Baltas N., KARAÖGLÜ S. A., Şaşmaz S.
REVUE ROUMAINE DE CHIMIE, vol.63, no.3, pp.189-197, 2018 (SCI-Expanded)

- XXXVI. **A simple and efficient synthesis of benzimidazoles containing piperazine or morpholine skeleton at C-6 position as glucosidase inhibitors with antioxidant activity**
Ozil M., Parlak C., Baltas N.
BIOORGANIC CHEMISTRY, vol.76, pp.468-477, 2018 (SCI-Expanded)
- XXXVII. **Synthesis and Antioxidant Evaluation of Some Novel Benzimidazole Derivatives Containing a Triazole Nucleus**
Yilmaz F., Mentese E., Baltas N.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.2, pp.201-208, 2017 (SCI-Expanded)
- XXXVIII. **Polyphenol oxidase properties, anti-urease, and anti-acetylcholinesterase activity of Diospyros lotus L. (Plum Persimmon)**
Faiz O., BALTAS N.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, no.5, pp.1186-1196, 2017 (SCI-Expanded)
- XXXIX. **Biochemical properties of partially purified polyphenol oxidase and phenolic compounds of Prunus spinosa L. subsp dasyphylla as measured by HPLC-UV**
Baltas N., Pakyildiz S., Can Z., Dincer B., KOLAYLI S.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, pp.1377-1391, 2017 (SCI-Expanded)
- XL. **Evaluation of Anti-Helicobacter Pylori Activity and Urease Inhibition by Some Turkish Authentic Honeys**
KOLAYLI S., BALTAŞ N., ŞAHİN H., ALPAY KARAOĞLU Ş.
Journal of Food Science and Engineering, vol.7, pp.67-73, 2017 (SCI-Expanded)
- XLI. **Investigation of a wild pear species (Pyrus elaeagnifolia subsp Elaeagnifolia Pallas) from Antalya, Turkey: polyphenol oxidase properties and anti-xanthine oxidase, anti-urease, and antioxidant activity**
Baltas N.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, no.3, pp.585-595, 2017 (SCI-Expanded)
- XLII. **Purification and characterization of extracellular α -amylase from a thermophilic Anoxybacillus thermarum A4 strain**
BALTAŞ N., DİNÇER B., EKİNCİ A. P., KOLAYLI S., ADIGÜZEL A.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, no.59, pp.1-14, 2016 (SCI-Expanded)
- XLIII. **Effect of propolis in gastric disorders: inhibition studies on the growth of Helicobacter pylori and production of its urease**
Baltas N., KARAOĞLU Ş., TARAKCI C., KOLAYLI S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.46-50, 2016 (SCI-Expanded)
- XLIV. **Inhibition properties of propolis extracts to some clinically important enzymes**
Baltas N., yıldız O., KOLAYLI S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.52-55, 2016 (SCI-Expanded)
- XLV. **Novel zinc(II)phthalocyanines bearing azo-containing schiff base: Determination of pKa values, absorption, emission, enzyme inhibition and photochemical properties**
Kantar C., Mavi V., Baltas N., Islamoglu F., Sasmaz S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1122, pp.88-99, 2016 (SCI-Expanded)
- XLVI. **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, vol.61, no.10, pp.733-746, 2016 (SCI-Expanded)
- XLVII. **Partial purification and characterization of lipase from Geobacillus stearothermophilus AH22**
Ekinci A. P., DINCER B., Baltas N., ADIGÜZEL A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.2, pp.325-331, 2016 (SCI-Expanded)
- XLVIII. **Purification and characterization of extracellular α -amylase from a thermophilic Anoxybacillus thermarum A4 strain**
Baltas N., Dincer B., Ekinci A. P., KOLAYLI S., ADIGÜZEL A.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.59, 2016 (SCI-Expanded)

- XLIX. Microwave-assisted synthesis and investigation of xanthine oxidase inhibition of new phthalonitrile and phthalocyanines containing morpholino substituted 1,2,4-triazole-3-one**
KANTAR G. K., BALTAS N., MENTESEE E., Sasmaz S.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.787, pp.8-13, 2015 (SCI-Expanded)
- L. 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, vol.30, no.3, pp.435-441, 2015 (SCI-Expanded)
- LI. Synthesis of Some New Benzimidazole Derivatives with their Antioxidant Activities**
Usta A., Yilmaz F., Kapucu G., Baltas N., Mentese E.
LETTERS IN ORGANIC CHEMISTRY, vol.12, no.4, pp.227-232, 2015 (SCI-Expanded)
- LII. Polyphenol oxidase activity and antioxidant properties of Yomra apple (*Malus communis* L.) from Turkey**
Can Z., DINCER B., Sahin H., BALTAŞ N., YILDIZ O., KOLAYLI S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.29, no.6, pp.829-835, 2014 (SCI-Expanded)
- LIIL. Cholesterol Forms and Traditional Lipid Profile for Projection of Atherogenic Dyslipidemia: Lipoprotein Subfractions and Erythrocyte Membrane Cholesterol**
Uydu H. A., BOSTAN M., ATAK M., YILMAZ A., DEMİR A., Akcan B., SUMER F., BALTAŞ N., KARADAG Z., UGURLU Y., et al.
JOURNAL OF MEMBRANE BIOLOGY, vol.247, no.2, pp.127-134, 2014 (SCI-Expanded)
- LIV. Phenolic components, antioxidant activity, and mineral analysis of *Capparis spinosa* L**
Eyupoglu o. e., şahin h., yıldız o., BALTAŞ N.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.12, no.47, pp.6643-6649, 2013 (SCI-Expanded)
- LV. Adsorption of Reactive Red 120 from aqueous solutions by cetylpyridinium-bentonite**
TABAK A., BALTAS N., Afsin B., EMİRİK M., ÇAĞLAR B., Eren E.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.85, no.9, pp.1199-1207, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. α -Glucosidase inhibition properties of novel azaphthalocyanines containing vanillin**
Kantar G. K., BALTAŞ N., Şahin O., ŞAŞMAZ S.
Indian Journal of Chemistry (IJC), vol.62, no.7, pp.728-734, 2023 (Scopus)
- II. Some Azo Compounds Containing Black Tea Processing Waste Catechins as Antioxidant and Urease Enzyme Inhibitory Antioksidan ve Üreaz Enzim İnhibitörü Olarak Siyah Çay İşleme Atığındaki Kateşinleri İçeren Bazı Azo Bileşikleri**
Kantar C., Er Z., Baltaş N., Şaşmaz S.
El-Cezeri Journal of Science and Engineering, vol.9, no.3, pp.1147-1156, 2022 (Scopus)
- III. A-GLUCOSIDASE AND α -AMYLASE INHIBITION OF SOME ETHANOLIC PROPOLIS SAMPLES**
Baltaş N.
ULUDAG BEE JOURNAL, vol.21, pp.1-7, 2021 (Scopus)
- IV. Antibacterial Effect of Anatolian Ethanolic Propolis Extracts on Clinical Strains of *Helicobacter pylori***
KOLAYLI S., AYVAZ M. A., RAKICI H., BALTAŞ N., Imran M., Iqbal I., ALPAY KARAOĞLU Ş.
DER PHARMA CHEMICA, vol.12, no.1, pp.28-32, 2020 (Peer-Reviewed Journal)
- V. Properties of Antioxidant and Anti-Inflammatory Activity and Phenolic Profiles of Şevketi Bostan (*Cnicus benedictus* L.) Cultivated in Aegean Region from Turkey**
CAN Z., BALTAŞ N., KESKİN Ş., YILDIZ O., KOLAYLI S.
TURKISH JOURNAL OF AGRICULTURE-FOOD SCIENCE AND TECHNOLOGY, no.17, pp.308-314, 2017 (Peer-Reviewed Journal)
- VI. STUDY OF ANTIOXIDANT, ANTIMICROBIAL AND ANTI-XANTHINE OXIDASE ACTIVITIES OF SOME 5,6-DIMETHYL-2-(SUBSTITUTED)-1H-BENZIMIDAZOLES AND THEIR ACYLHYDRAZIDE DERIVATIVES**

Baltas N., Beris F. Ş., Mentese E.

HETEROCYCLIC LETTERS, vol.7, no.1, pp.45-57, 2017 (ESCI)

VII. Acetylcholinesterase inhibition, antibacterial and antioxidant properties of Diaryl oxalates

Kantar G., Balta Ş N., BERİŞ F. Ş., ŞAŞMAZ S.

Current Enzyme Inhibition, vol.13, no.1, 2017 (Scopus)

VIII. Synthesis, Antioxidant, Xanthine Oxidase and Urease Inhibitory Activities of Some Chlorine Containing Benzimidazoles

BALTAŞ N., YILMAZ F., MENTEŞE E.

HACETTEPE JOURNAL OF BIOLOGY AND CHEMISTRY, vol.44, no.3, pp.293-305, 2016 (Peer-Reviewed Journal)

IX. Bioactivity and Enzyme Inhibition Properties of Stevia rebaudiana

CAN Z., BALTAŞ N.

CURRENT ENZYME INHIBITION, vol.12, no.2, pp.188-194, 2016 (Scopus)

Books & Book Chapters

I. SERBEST RADİKAL TEMİZLEME AKTİVİTE TAYİN YÖNTEMLERİ

BALTAŞ N., Yaylacı Karahalil F., ŞAHİN H., KOLAYLI S., CAN Z., YILDIZ O.

in: Antioksidanlar ve Tayin Yöntemleri, K. Kolaylı S., Şahin H., Editor, Ankar Nobel Tıp Adana Nobel Kitabevi, Ankara, pp.109-126, 2018

Refereed Congress / Symposium Publications in Proceedings

I. Synthesis of some new quinazolinones containing thiadiazole ring with their anti-urease activity

AKYÜZ G., MENTEŞE E., BALTAŞ N., YILMAZ F.

International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018

II. Inhibition Studies on Helicobacter pylori Urease by Some Turkish Authentic Honeys

BALTAŞ N., ALPAY KARAOĞLU Ş., KOLAYLI S., YILDIZ O., CAN Z.

INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 26 - 27 April 2018, pp.1144

III. Bazı Yeni Fumarat Bileşiklerinin Sentezi ve Klinik Öneme Sahip Bazı Enzimler Üzerine İnhibisyon Özelliklerinin İncelenmesi

BALTAŞ N., KAYA KANTAR G., ŞAŞMAZ S.

INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 26 - 27 April 2018, pp.1157

IV. Bazı Yeni Fumarat Bileşiklerinin Sentezi ve Klinik Öneme Sahip Bazı Enzimler Üzerine İnhibisyon Özelliklerinin İncelenmesi

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