

Prof. YAKUP KOLCUOĞLU

Personal Information

Office Phone: [+90 462 377 2495](tel:+904623772495)

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

Email: yakupkolcuoglu@ktu.edu.tr

Other Email: yakupkolcuoglu@yahoo.com

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

Address: Karadeniz Teknik Üniversitesi, Fen Fakültesi, Kimya Bölümü, 61080, Trabzon-TÜRKİYE

International Researcher IDs

ORCID: 0000-0002-4611-2433

Publons / Web Of Science ResearcherID: AAS-4953-2020

ScopusID: 20433801900

Yoksis Researcher ID: 117075

Education Information

Doctorate, Karadeniz Technical University, Fen Fakültesi/Fen Bilimleri/Kimya, Turkey 2005 - 2009

Certificates, Courses and Trainings

Quality Management, FEDEK-Değerlendirici, FEDEK Değerlendirme ve Akreditasyon Derneği, 2017

Education Management and Planning, The International Seminar on Lab on Chip Biosensor Systems, Ege Üniversitesi, 2014

Education Management and Planning, Certificate of Appreciation, ACS Publications, 2011

Education Management and Planning, Kişilerarası İletişim ve Beden Dili, Stresle başa çıkma ve Kriz Yönetimi, EYOF, 2011

Education Management and Planning, Metabolomik, Ege Üniversitesi, 2010

Education Management and Planning, Protein Analitiği, Ege Üniversitesi, 2009

Education Management and Planning, Metabolizmanın Regülasyonu ve Metabolik Bozukluklar, Ege Üniversitesi, 2008

Research Areas

Life Sciences, Biochemistry, Enzymology, Molecular Biochemistry, Molecular Biology and Genetics, Chemistry, Biochemistry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Fen Fakültesi, Kimya, 2014 - 2021

Lecturer PhD, Karadeniz Technical University, Fen Fakültesi, Kimya, 2009 - 2014

Lecturer, Karadeniz Technical University, Fen Fakültesi, Kimya, 2006 - 2009

Academic and Administrative Experience

Vice Dean, Karadeniz Technical University, Fen Fakültesi, Kimya, 2020 - 2023

Deputy Head of Department, Karadeniz Technical University, Fen Fakültesi, Kimya, 2016 - 2022

Courses

BIOCHEMISTRY III, Undergraduate, 2014 - 2015

BİYOKİMYA LAB. II (A), Undergraduate, 2014 - 2015

Temel Kimya I, Undergraduate, 2015 - 2016

BİYOKİMYA III, Undergraduate, 2014 - 2015

BİYOKİMYA LAB. II (B), Undergraduate, 2014 - 2015

Biyokimya Lab. I, Undergraduate, 2015 - 2016

BİTİRME TEZİ, Undergraduate, 2014 - 2015

BİYOKİMYA LAB., Undergraduate, 2014 - 2015

Advising Theses

Kolcuoğlu Y., Yeni sentezlenen bazı organik moleküllerin anti-kanser özelliklerinin incelenerek ilaç olma potansiyellerinin araştırılması, Doctorate, E.ŞAHİN(Student), 2023

KOLCUOĞLU Y., MERKAPTO-1,2,4-TRİAZOL BİLEŞİKLERİNİN ÜREAZ AKTİVİTESİ ÜZERİNE ETKİSİNİN IN VITRO VE IN SILICO OLARAK İNCELENMESİ, Postgraduate, G.ZEHİR(Student), 2018

KOLCUOĞLU Y., YABANI VE YENİLEBİLİR BİR MANTAR OLAN LACTARIUS EUCALYPTI O. K. MILL & R. N. HILTON' DAN POLİFENOL OKSİDAZİN SAFLAŞTIRILMASI VE KARAKTERİZASYONU, Postgraduate, İ.KUYUMCU(Student), 2014

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, AKADEMİK KADROYA ATAMA, RTE ÜNİVERSİTESİ, December, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis and characterization of newly phthalocyanine molecules: Their enzyme inhibition and antioxidant properties, in silico and in vitro**
ÇELİK F., ÜNVER Y., OzTuncay F., Cakmak U., KOLCUOĞLU Y., Uzun K., ÖZTÜRK H., Yorulmaz N., DEĞİRMENCİOĞLU İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.1016, 2024 (SCI-Expanded)
- II. **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., KOLCUOĞLU Y., BEKİRCAN O., ÇOLAK A.
ChemistrySelect, vol.9, no.26, 2024 (SCI-Expanded)
- III. **Synthesis of Sorafenib-Ruthenium Complexes, Investigation of Biological Activities and Applications in Drug Delivery Systems as an Anticancer Agent**
ZENGİN KURT B., ÖZTÜRK CİVELEK D., Çakmak E. B., KOLCUOĞLU Y., ŞENOL H., SAĞLIK ÖZKAN B. N., DAĞ A., Benkli K.
JOURNAL OF MEDICINAL CHEMISTRY, vol.67, no.6, pp.4463-4482, 2024 (SCI-Expanded)
- IV. **Synthesis of naproxen thiadiazole urea hybrids and determination of their anti-melanoma, anti-migration, tyrosinase inhibitory activity, and molecular docking studies**
ZENGİN KURT B., Altundağ Ö., GÖKÇE M., Cakmak U., Tuncay F., KOLCUOĞLU Y., GÜNAYDIN AKYILDIZ A., Akdemir A., ÖZTÜRK CİVELEK D., Sönmez F.
JOURNAL OF MOLECULAR STRUCTURE, vol.1295, 2024 (SCI-Expanded)

- V. **Aqueous two-phase extraction and characterization of thermotolerant alkaliphilic *Cladophora hutchinsiae* xylanase: biochemical properties and potential applications in fruit juice clarification and fish feed supplementation**
ÖZ TUNCAY F., Cakmak U., KOLCUOĞLU Y.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.54, no.4, pp.553-563, 2024 (SCI-Expanded)
- VI. ***Rhaphiolepis indica* (L.) Lindl. Fruit: LC-HRMS-based phytochemical profile, FTIR spectral, *in vitro* enzyme inhibition and antioxidant analysis**
Tuncay F., Cakmak U., Kolcuoğlu Y.
FOOD BIOSCIENCE, vol.56, 2023 (SCI-Expanded)
- VII. **Synthesis of flurbiprofen thiadiazole urea derivatives and assessment of biological activities and molecular docking studies**
ZENGİN KURT B., Altundağ Ö., Tokgöz M. N., ÖZTÜRK CİVELEK D., Tuncay F., Cakmak U., KOLCUOĞLU Y., Akdemir A., Sönmez F.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.102, no.6, pp.1458-1468, 2023 (SCI-Expanded)
- VIII. **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**
Kolcuoğlu Y., Bekircan O., Fazli H., Sahin E., Türe A., Akdemir A., Hamarat Sanlier S.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.22, pp.12753-12767, 2023 (SCI-Expanded)
- IX. **Cold active α -amylase obtained from *Cladophora hutchinsiae*-Purification, biochemical characterization and some potential applications**
Cakmak U., Tuncay F., KOLCUOĞLU Y.
Food Bioscience, vol.50, 2022 (SCI-Expanded)
- X. **The synthesis of novel piperazine-benzodioxole substituted phthalocyanines and investigation of their alpha-amylase and tyrosinase inhibition properties**
DEĞİRMENCİOĞLU İ., Tuncay F., Cakmak U., KOLCUOĞLU Y.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.951, 2021 (SCI-Expanded)
- XI. **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, vol.354, no.8, 2021 (SCI-Expanded)
- XII. **Development of Some Properties of a Thermophilic Recombinant Glucose Isomerase by Mutation**
Dokuzparmak Ç., Colak A., Kolcuoglu Y., Akatin M., Ertunga N., Tuncay F.
APPLIED BIOCHEMISTRY AND MICROBIOLOGY, vol.56, no.2, pp.164-172, 2020 (SCI-Expanded)
- XIII. **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**
Akin S., Demir E., Çolak A., Kolcuoğlu Y., Yıldırım N., Bekircan O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1175, pp.280-286, 2019 (SCI-Expanded)
- XIV. **SITE-DIRECTED MUTAGENESIS AND CHARACTERIZATION OF RECOMBINANT PHOSPHOTRIESTERASE HOMOLOGY PROTEIN FROM GEOBACILLUS CALDOXYLOSILYITICUS TK4**
ÖZ TUNCAY F., ÇOLAK A., Akatin M. Y., KOLCUOĞLU Y., SAĞLAM ERTUNGA N., DOKUZPARMAK Ç.
REVUE ROUMAINE DE CHIMIE, vol.64, no.1, pp.73-82, 2019 (SCI-Expanded)
- XV. **A catecholase from *Laccaria laccata* a wild edible mushroom and its catalytic efficiency in organic media**
KOLCUOĞLU Y., KUYUMCU I., ÇOLAK A.
JOURNAL OF FOOD BIOCHEMISTRY, vol.42, no.5, 2018 (SCI-Expanded)
- XVI. **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, vol.3, no.31, pp.8813-8818, 2018 (SCI-Expanded)
- XVII. **Nutritional Evaluation of an Outstanding Apple Cultivar, Göbek (*Malus /i /i i communis /i L.*)**
Çolak N., Kolcuoğlu Y., Tarkowski P., Benicka S., Çolak A., Ayaz S., Ayaz F. A.

- Journal Of Food And Nutrition Research, vol.5, no.12, pp.874-881, 2017 (SCI-Expanded)
- XVIII. **Characterization of polyphenol oxidase during three ripening stages of an eggplant (*Solanum melongena* L.) fruit: a local type in northeast Anatolia**
Torun H., KOLCUOĞLU Y., AYAZ F. A., ÇOLAK A., Glew R. H.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.1, pp.44-50, 2015 (SCI-Expanded)
- XIX. **Partial purification and biochemical characterization of an extremely thermo- and pH-stable esterase with great substrate affinity**
Ozbek E., KOLCUOĞLU Y., Konak L., ÇOLAK A., Oz F.
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.4, pp.538-546, 2014 (SCI-Expanded)
- XX. **Purification and characterization of an extremely stable glucose isomerase from *Geobacillus thermodenitrificans* TH2**
KONAK L., KOLCUOĞLU Y., Ozbek E., ÇOLAK A., ERGENOĞLU B.
APPLIED BIOCHEMISTRY AND MICROBIOLOGY, vol.50, no.1, pp.25-29, 2014 (SCI-Expanded)
- XXI. **Purification and characterization of a pH and heat stable esterase from *Geobacillus* sp TF17**
Ayna C., KOLCUOĞLU Y., Oz F., ÇOLAK A., ERTUNGA N.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.38, no.3, pp.329-336, 2013 (SCI-Expanded)
- XXII. **Purification and comparative characterization of monophenolase and diphenolase activities from a wild edible mushroom (*Macrolepiota gracilentia*)**
Kolcuoglu Y.
PROCESS BIOCHEMISTRY, vol.47, no.12, pp.2449-2454, 2012 (SCI-Expanded)
- XXIII. **Characterization of a Polyphenol Oxidase Having Monophenolase and Diphenolase Activities from a Wild Edible Mushroom, *Russula delica***
Keskin S., Ertunga N., Çolak A., Akatin M. Y., Özel A., Kolcuoğlu Y.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.3, pp.1203-1208, 2012 (SCI-Expanded)
- XXIV. **Cloning, expression and characterization of xylose isomerase from thermophilic *Geobacillus caldoxylosilyticus* TK4 strain**
FAİZ Ö., ÇOLAK A., KOLCUOĞLU Y., ERTUNGA N. S.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.36, no.1, pp.6-14, 2011 (SCI-Expanded)
- XXV. **Cloning, expression and characterization of highly thermo- and pH-stable maltogenic amylase from a thermophilic bacterium *Geobacillus caldoxylosilyticus* TK4**
Kolcuoglu Y., ÇOLAK A., FAİZ Ö., BELDÜZ A. O.
PROCESS BIOCHEMISTRY, vol.45, no.6, pp.821-828, 2010 (SCI-Expanded)
- XXVI. **AN ESTEROLYTIC ACTIVITY FROM A WILD EDIBLE MUSHROOM, *LYCOPERDON PERLATUM***
ÇOLAK A., CAMEDAN Y., FAİZ O., Sesli E., KOLCUOĞLU Y.
JOURNAL OF FOOD BIOCHEMISTRY, vol.33, no.4, pp.482-499, 2009 (SCI-Expanded)
- XXVII. **An esterolytic activity from a wild edible mushroom, *Lycoperdon perlatum***
ÇOLAK A., ÜNVER Y., Faiz Ö., SESLİ E., KOLCUOĞLU Y.
JOURNAL OF FOOD BIOCHEMISTRY, vol.33, pp.482-489, 2009 (SCI-Expanded)
- XXVIII. **Characterization of polyphenoloxidase (PPO) and total phenolic contents in medlar (*Mespilus germanica* L.) fruit during ripening and over ripening**
Ayaz F. A., DEMIRA O., TORUN H., Kolcuoglu Y., COLAK A.
FOOD CHEMISTRY, vol.106, no.1, pp.291-298, 2008 (SCI-Expanded)
- XXIX. **Comparative characterization of diphenolases from two mulberry fruits (*Morus alba* L-and *Morus nigra* L.)**
Colak A., Kolcuoğlu Y., Faiz O., Özen A., Dinçer B.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.4, pp.2961-2972, 2007 (SCI-Expanded)
- XXX. **Biochemical composition of some Turkish fungi**
Colak A., Kolcuoğlu Y., Sesli E., dalman O.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.3, pp.2193-2199, 2007 (SCI-Expanded)
- XXXI. **Comparative characterization of monophenolase and diphenolase activities from a wild edible mushroom (*Macrolepiota mastoidea*)**

Books & Book Chapters

- I. **Biocompatibility of Nanomedicines and Relation with Protein Corona**
KOLCUOĞLU Y., ÖZ TUNCAY F., ÇAKMAK Ü.
in: Recent Progress in Pharmaceutical Nanobiotechnology: A Medical Perspective, Yılmaz, Habibe, Editor, Bentham Books, Singapore, pp.296-316, 2023
- II. **Metabolik işlemlerin kontrolü ve metabolizmanın bütünlüğü**
KOLCUOĞLU Y., YILDIRIM AKATIN M.
in: Biyokimya II, Ahmet Çolak, Editor, KTÜ Matbaası-Trabzon, Trabzon, pp.307-331, 2016
- III. **Proteinlerin yıkım ve amino asit metabolizması**
KOLCUOĞLU Y.
in: Biyokimya II, Ahmet Çolak, Editor, KTÜ Matbaası-Trabzon, Trabzon, pp.259-278, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **In-silico Investigation of the Potential of Some Semicarbazide and Thiosemicarbazide-derived Molecules as Drug Candidates**
ŞAHİN E., KOLCUOĞLU Y.
Sustainability in Life Congress (SUİC), Aydın, Turkey, 19 - 22 May 2024, vol.1, pp.121
- II. **Evaluation of the Bioactive Constituents, Antioxidant and Enzyme Inhibitory Activities of *Rhaphiolepis indica* (L.) Lindl.**
Çakmak Ü., Kolcuoğlu Y.
4. EBAT, Antalya, Turkey, 3 - 06 November 2022, pp.169
- III. **Polyphenol Oxidase (PPO) and Phenolic Characterization of Eggplant (*Solanum melongena* L. 'KADİFE') Fruit Throughout ripening**
Torun H., KOLCUOĞLU Y., AYAZ F. A., ÇOLAK A.
The International Enzyme Engineering Symposium, Aydın, Turkey, vol.1, pp.67
- IV. **Enzymatic Characterization of Maltogenic amylase from *Geobacillus caldoolyolyticus* TK4 Ekspresed in *Escherichia coli***
KOLCUOĞLU Y., ÇOLAK A., Ertunga N. S.
The International Enzyme Engineering Symposium, Aydın, Turkey, vol.1, pp.64
- V. **Purification and characterization of esterase from a thermophilic bacterium, *Geobacillus* sp. DF20**
Ozbek E., KOLCUOĞLU Y., Konak L., ÖZ F., AYNA Ç., ÇOLAK A.
ICEST2011, Aydın, Turkey, vol.1, no.1, pp.58
- VI. **Cloning of The L-asparaginase Encoding Gene From A Mesophilic Bacterium**
KOLCUOĞLU Y., ÇOLAK A.
2. EBAT CONGRESS, 26 October - 30 November 2019
- VII. **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 November 2019
- VIII. **Calculation of Thermodynamic Parameters Necessary for Thermal Inactivation of Xylanase from Macroalgae Tissue**
ÇAKMAK Ü., ÖZ TUNCAY F., KOLCUOĞLU Y., KUTLU ÇALIŞKAN N.
CESCOP 2019, 4 - 06 September 2019
- IX. **Thermodynamic Parameters for Thermal Inactivation of Alpha-Amylase from Macro Algae Tissue**

ÖZ TUNCAY F., ÇAKMAK Ü., KOLCUOĞLU Y., KUTLU ÇALIŞKAN N.

INTERNATIONAL CONFERENCE ON CHEMICAL ENERGY AND SEMICONDUCTOR PHOTOCHEMISTRY, 4 - 06
September 2019

- X. **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 October 2018
- XI. **A study on the Synthesis and Tyrosinase Activities of Some Novel Semicarbazide Analogs**
GÜLTEKİN E., BEKİRCAN O., KOLCUOĞLU Y.
1. EBAT CONGRESS, 27 - 30 October 2018
- XII. **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 October 2018
- XIII. **New Mercapto-1,2,4-triazole Compounds as Candidate Molecules for Ulcer Treatment**
ZEHİR KIRKBİR G., KOLCUOĞLU Y., BEKİRCAN O., ÇOLAK A.
1. Ebat Congress, 27 - 30 October 2018
- XIV. **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 October 2018
- XV. **Metal Ion Requirement and Effect on Mutant GI Activity and Enhancement of pH- and Thermal Stability**
Dokuzparmak Ç., Öz Tuncay F., Çolak A., Kolcuoğlu Y., Yıldırım Akatın M., Sağlam Ertunga N.
EurasianBioChem 2018, Ankara, Turkey, 26 - 27 April 2018, pp.1
- XVI. **Polyamines and phenolic compounds content in the fruit of naturally growing Malus slyvestis L. in Gümüşhane (Turkey)**
Kurt A., ÇOLAK N., ÇOLAK A., KOLCUOĞLU Y., AYAZ F. A.
International Congress on Medicinal and Aromatic Plants, 9 - 11 May 2017
- XVII. **Polyamine and phenolic compounds contenr in the fruit of naturally growing Malus sylvestis L. in Gümüşhane Turkey**
KURT a., ÇOLAK N., ÇOLAK A., KOLCUOĞLU Y., AYAZ F. A.
international congress on medicinal and aromatic plants, 9 - 11 May 2017
- XVIII. **TERMOFİLİK BİR REKOMBİNANT GLUKOZ İZOMERAZIN BAZI ÖZELLİKLERİNİN MUTASYONLA GELİŞTİRİLMESİ**
AYNA Ç., ÖZ F., ÇOLAK A., KOLCUOĞLU Y.
XXVII. ULUSAL BİYOKİMYA KONGRESİ, Antalya, Turkey, 3 - 06 November 2015, vol.40, pp.313
- 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, Turkey, 1 - 03 October 2015, pp.160
- XX. **Nutrient content of Malis slyvestris L. (apple), which groww naturally in Gümüşhane**
ÇOLAK N., Günal M., KOLCUOĞLU Y., ÇOLAK A., AYAZ F. A.
International Mesopotamia Agriculture Congress, Diyarbakır, Turkey, 22 - 25 September 2015, pp.201-202
- XXI. **Nutrient content of Malus Slyvestris L apple which grows naturally in Gümüşhane**
ÇOLAK N., Merve G., KOLCUOĞLU Y., ÇOLAK A., AYAZ F. A.
International Mesopotamia Agriculture Congress, Diyarbakır, Turkey, 22 - 25 September 2014
- XXII. **Nutrient cotent of Malus slyvestris L. (apple), which grows naturally in Gümüşhane**
ÇOLAK N., KOLCUOĞLU Y., ÇOLAK A., AYAZ F. A., GÜNAL M.
International Mesopotamia Agiculture congress, Diyarbakır, Turkey, 23 - 26 September 2014, pp.201-202
- XXIII. **Geobacillus caldxylosilyticus TK4 Suşundan Klonlanan Rekombinant Fosfotriesteraz Homolog Proteininin Mutasyonu ve İzlenmesi**
ÖZ F., YILDIRIM AKATIN M., ÇOLAK A., KOLCUOĞLU Y., SAĞLAM ERTUNGA N.

25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011
- XXIV. **Termofilik Bir Bakteri Olan *Geobacillus* sp. TF17 Suşundan Esteraz Enziminin Saflaştırılması ve Karakterizasyonu**
KOLCUOĞLU Y., ÖZ F., ÖZBEK E., KONAK L., AYNA Ç., YILDIRIM AKATIN M., ÇOLAK A.
25. Ulusal Kimya Kongresi-Uluslararası Katılımlı, Erzurum, Turkey, 27 June - 02 July 2011, pp.119
- XXV. **Purification and characterization of Glucose Isomerase from a thermophilic bacterium *Geobacillus thermodenitrificans* TH2**
Konak L., Kolcuoğlu Y., Özbek E., Öz F., Çolak A., Beldüz A. O., İnan Bektaş K.
ICEST 2011, Aydın, Turkey, 12 May 2011, vol.1, pp.45
- XXVI. **Termofilik *Geobacillus caldoxylyticus* TK4 Suşundan Maltojenik Amilaz Geninin Klonlanması Mağusa KKTC 2008**
KOLCUOĞLU Y., YILDIRIM AKATIN M., ÇOLAK A., SAĞLAM ERTUNGA N., BELDÜZ A. O.
22. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kkct), 6 - 10 October 2008
- XXVII. **Termofilik *Geobacillus caldoxylyticus* TK4 Suşundan Fosfotriesterazın Klonlanması ve Ekspresyonu**
YILDIRIM AKATIN M., KOLCUOĞLU Y., ÇOLAK A., SAĞLAM ERTUNGA N., ÇANAKÇI S.
22. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kkct), 6 - 10 October 2008
- XXVIII. **Enzymatic Characterization of a Maltogenic Amylase from *Geobacillus caldoxylyticus* TK4 Expressed in *Escherichia coli* Kuşadası 2008**
KOLCUOĞLU Y., ÇOLAK A., SAĞLAM ERTUNGA N., YILDIRIM AKATIN M.
International Enzyme Engineering Symposium (IEES'08), Aydın, Turkey, 1 - 05 October 2008
- XXIX. **Enzymatic Characterization of a Maltogenic Amylase from *Geobacillus caldoxylyticus* TK4 Expressed in *Escherichia coli***
KOLCUOĞLU Y., ÇOLAK A., SAĞLAM ERTUNGA N., YILDIRIM AKATIN M.
International Enzyme Engineering Symposium (IEES'08), Aydın, Turkey, 1 - 05 October 2008, pp.1
- XXX. **Yabani ve Yenilebilir Bir Mantar Olan *Russula delica* dan Elde Edilen Ham Özütten Polifenol Oksidaz Enziminin Difenolaz Aktivitesinin Karakterizasyonu**
KESKİN Ş., SAĞLAM ERTUNGA N., ÇOLAK A., YILDIRIM AKATIN M., KOLCUOĞLU Y., SESLİ E.
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- XXXI. **Polyphenoloxidase potentials of some wild and edible mushroom species harvested from Trabzon 1 2006**
YILDIRIM AKATIN M., Sahin E., FAİZ Ö., ÇOLAK A., KOLCUOĞLU Y.
31st FEBS Congress, İstanbul, Turkey, 24 - 29 June 2006
- XXXII. **Comparative characterization of diphenolases from two mulberry fruits (*Morus alba* L. and *Morus nigra* L.)**
KOLCUOĞLU Y., ÇOLAK A., FAİZ Ö., ÖZEL A., SAĞLAM ERTUNGA N., YILDIRIM AKATIN M.
31st FEBS Congress, İstanbul, Turkey, 24 - 29 June 2006, pp.1
- XXXIII. **Comparative characterization of diphenolases from two mulberry fruits (*Morus alba* L. and *Morus nigra* L.)**
KOLCUOĞLU Y., ÇOLAK A., FAİZ Ö., ÖZEL A., SAĞLAM ERTUNGA N., YILDIRIM AKATIN M.
31st FEBS Congress, İstanbul, Turkey, 24 - 29 June 2006, pp.1
- XXXIV. **Polyphenoloxidase potentials of some wild and edible mushroom species harvested from Trabzon**
Yildirim M., Sahin E., Faiz O., Colak A., Kolcuoglu Y.
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.337-338
- XXXV. **Yabani ve yenilebilir bir mantar olan *Macrolepiota mastoidea* dan izole edilen difenolaz aktivitesinin karakterizasyonu Kuşadası 2005**
ÇOLAK A., KOLCUOĞLU Y., SESLİ E., YILDIRIM AKATIN M., ÖZEL A.
19. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005
- XXXVI. **Yabani ve yenilebilir bir mantar olan *Macrolepiota mastoidea* monofenolazının karakterizasyonu**
YILDIRIM AKATIN M., KOLCUOĞLU Y., ÇOLAK A., SESLİ E., SAĞLAM ERTUNGA N.
19. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005

Metrics

Publication: 71

Citation (WoS): 292

Citation (Scopus): 321

H-Index (WoS): 9

H-Index (Scopus): 9

Congress and Symposium Activities

1. Euroasia Biochemical Approches & Technologies Congress., Attendee, Antalya, Turkey, 2018

Lab on a Chip, Attendee, Aydın, Turkey, 2011

XXII Ulusal Kimya Kongresi, Attendee, Gazimagusa, Cyprus (Kktc), 2008

The International Enzyme Enginnering Symposium, Attendee, Aydın, Turkey, 2008

31st FEBS CONGRESS, Attendee, İstanbul, Turkey, 2006