

Assoc. Prof. HALİL İBRAHİM GÜLER

Personal Information

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International Researcher IDs

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Biography

Dr. Halil Ibrahim GULER works as an Assoc. Professor of Molecular Biology and Genetics at Karadeniz Technical University in Trabzon, Turkey. From 2008 to 2015 he worked as research assistant at Artvin Coruh University. He is a graduate of the Faculty of Science at Cumhuriyet University in Sivas, Turkey. He received a master degree in Molecular Biology from Karadeniz Technical University in 2011 and a Ph.D. degree in 2015. The area of his research interest is molecular biology and microbiology where he supervises his students on various topics like recombinant DNA technology and characterization of industrial enzymes as well as treatment of industrial wastewater for various pollutants such as lignin, pharmaceutically active compounds. He is also supervising his students in other topics such as purification and identification of novel bacteria and novel plasmid. He has taught the following courses to M.Sc, M.Phil, and Ph.D. students: Industrial Microbiology, Medical Microbiology, Environmental Microbiology, Applications of Biotechnology, Advances in Microbiology, bacteria identification, plasmid characterization, bionformatics. He is a researcher and Principal Investigator in several national and international projects. He has published many papers in peer-reviewed journal.

Education Information

2011 - 2015	Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Biyoloji Anabilimdalı, Turkey
2009 - 2011	Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Biyoloji Anabilimdalı, Turkey
2002 - 2008	Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

2017	Eğitim Katılımı Sertifikası, Occupational Health and Safety, Karadeniz Teknik Üniversitesi / KTÜ İşyeri Sağlık ve Güvenlik Birimi
2014	Deney Hayvanlarında Cerrahi Eğitimi, Education Management and Planning, Eskişehir Osmangaz Üniversitesi
2013	Biyolojik Bilimlerde Araştırma Projesi Hazırlama Eğitimi, Education Management and Planning, Karadeniz Teknik Üniversitesi

Dissertations

2015	Thermus scotoductus K6'dan İzole Edilen Yeni, Kriptik, Küçük, Çok Kopyalı Bir Plazmitin (pHIG22) Fonksiyonel Analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Biyoloji Anabilimdalı, Doctorate
2011	Thermus sp. K6' dan Yeni, Kriptik, Küçük, Çok Kopyalı Bir Plazmitin (pHIG22) İzolasyonu ve Kısmi Karakterizasyonu, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Biyoloji Anabilimdalı, Postgraduate

Research Areas

Enzymology, Proteomics, Bioinformatics, Biological Databases, Microbiology, Bacteriology, Genetic Engineering, Genomics, Microbial Genetics, Protein Engineering

Academic Titles / Tasks

2020 - Continues	Associate Professor, Karadeniz Technical University, Fen Fakültesi, Moleküler Biyoloji ve Genetik
2018 - 2020	Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Moleküler Biyoloji ve Genetik
2016 - 2018	Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Moleküler Biyoloji ve Genetik
2015 - 2016	Research Assistant PhD, Artvin Coruh University, Faculty Of Health Sciences, İş Sağlığı Ve Güvenliği
2015 - 2015	Research Assistant, Artvin Coruh University, Faculty Of Health Sciences, Department Of Occupational Health And Safety
2015 - 2015	Research Assistant, Artvin Coruh University, Health Academy, İş Sağlığı Ve Güvenliği
2009 - 2015	Research Assistant, Artvin Coruh University, Fen Edebiyat Fakültesi, Biyoloji

Academic and Administrative Experience

2024 - Continues	Deputy Head of Department, Karadeniz Technical University, Fen Fakültesi, Moleküler Biyoloji ve Genetik
2023 - Continues	Applied Research Center Board Member, Karadeniz Technical University, Fen Fakültesi, Moleküler Biyoloji ve Genetik
2016 - 2022	Head of Department, Karadeniz Technical University, Fen Fakültesi, Moleküler Biyoloji ve Genetik

Courses

2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Advanced Bioinformatics, Postgraduate
2022 - 2023, 2021 - 2022	Microbial Ecology, Undergraduate
2021 - 2022, 2020 - 2021	Tıbbi Mikrobiyoloji, Undergraduate
2021 - 2022	Plazmit Biyolojisi ve Vektörler, Postgraduate
2020 - 2021, 2019 - 2020	Methods and Applications of Real Time PCR , Postgraduate
2020 - 2021	Bioinformatics, Undergraduate

2020 - 2021, 2019 - 2020	Web Applications in Molecular Biology, Undergraduate
2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018	Introduction to Molecular Biology, Undergraduate
2020 - 2021, 2019 - 2020	Principles of Gene Manipulation, Postgraduate
2020 - 2021	General Biology , Undergraduate
2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018	General Biology Laboratory-1, Undergraduate

Advising Theses

2023	Güler H. İ., Postgraduate, G.ÇUBUKCI(Student), ANOXYBACILLUS GONENSIS 05S15'TEN İZOLE EDİLEN YENİ, KÜÇÜK VE HALKASAL BİR PLAZMİTİN (pAnox1) KARAKTERİZASYONU
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Jury Memberships

October 2024	Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi
September 2024	Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Karadeniz Teknik Üniversitesi
November 2023	Doctorate, Doctorate, Karadeniz Teknik Üniversitesi
July 2022	Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi
October 2021	Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi
December 2019	Post Graduate, Artvin Çoruh Üniversitesi/ Fen Bilimleri Enstitüsü Nezaket ÇOBAN'ın Yüksek Lisans Tez Savunması, Artvin Çoruh Üniversitesi/ Fen Bilimleri Enstitüsü/ Biyoloji Anabilim Dalı
December 2019	Post Graduate, 19 Mayıs Üniversitesi/ Fen Bilimleri Enstitüsü Hilal ATEŞ'in Yüksek Lisans Tez Savunması, 19 Mayıs Üniversitesi/ Fen Bilimleri Enstitüsü/ Biyoloji Anabilim Dalı
February 2019	Doctoral Examination, Giresun Üniversitesi/Fen Bilimleri Enstitüsü Doktora Yeterlilik Sınavı, Giresun Üniversitesi/Fen Bilimleri Enstitüsü/Biyoloji Anabilim Dalı

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, characterization, investigation of biological activities and in Silico studies of Bis 4-Bromobenzene sulphonate compounds**
Unver Y., Usta T., Celik F., AYDIN A., GÜLER H. İ., SÜLEYMANOĞLU N., USTABAŞ R., Bektas K. I.
JOURNAL OF MOLECULAR STRUCTURE, vol.1319, 2025 (SCI-Expanded)
- II. **Synthesis, characterization, and biological activity of novel 1,2,4-triazole moieties: Antileishmania, antimicrobial effects, and molecular docking studies**
SÜLEYMANOĞLU N., ÜNVER Y., Ustabaş R., ÇELİK F., GÜLER H. İ., Direkel Ş., Bektaş K. İ.
Journal of Molecular Structure, vol.1314, 2024 (SCI-Expanded)
- III. **1-(3-Methylthiophene-2-yl)-N-(3,4,5-trimethoxyphenyl)methanimine: Synthesis, Spectroscopic Characterization, Antileishmanial Activity, and DFT and In Silico Studies**
Evecen M., Çelik F., Güler H. İ., Direkel Ş., Ünver Y.
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.60, no.9, pp.1799-1809, 2024 (SCI-Expanded)
- IV. **Characterization and functional insights of the novel RC-type plasmid pAnox1 from Anoxybacillus gonensis 05S15**

Cubukci G., Ayyildiz H., Inan Bektas K., Belduz A. O., Güler H. İ.

PLASMID, vol.131-132, 2024 (SCI-Expanded)

- V. **New 1,2,4-triazol-3-one derivatives with 4-fluorobenzene: Synthesis, characterization, DFT, antimicrobial-antiproliferative activities and molecular docking study**
ÜNVER Y., ÇELİK F., AYDIN A., SÜLEYMANOĞLU N., USTABAŞ R., GÜLER H. İ., Bektaş K.
JOURNAL OF MOLECULAR STRUCTURE, vol.1305, 2024 (SCI-Expanded)
- VI. **1,2,4-Triazol 4-Bromobenzenesulfonates: Synthesis, Characterization (IR, NMR), DFT, Enzym Activities, and Docking Study**
Ustabaş R., Çelik F., Süleymanoğlu N., Güler H. İ., Türkan F., Oğuz E., Ünver Y.
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, vol.98, no.4, pp.707-719, 2024 (SCI-Expanded)
- VII. **Genome-Based Reclassification of *Anoxybacillus geothermalis* Filippidou et al. 2016 as a Later Heterotypic Synonym of *Anoxybacillus rupiensis* Derekoa et al. 2007**
İNAN BEKTAŞ K., Nalcaoglu A., GÜLER H. İ., ÇANAKÇI S., BELDÜZ A. O.
Current Microbiology, vol.81, no.4, 2024 (SCI-Expanded)
- VIII. **A Study on Recognizing the Value of Chestnut (*Castanea sativa*) Blossom Waste**
Şahin H., Kolaylı S., Kara Y., Can Z., Güler H. İ., Özkök A., Serdar Ü.
Tarım Bilimleri Dergisi, vol.30, no.1, pp.79-89, 2024 (SCI-Expanded)
- IX. **New Imidazole Derivatives: Synthesis, Spectroscopic Characterization, DFT, Biological Activities, and In Silico Study**
SÜLEYMANOĞLU N., ÇELİK F., USTABAŞ R., GÜLER H. İ., Şahin H., Direkel Ş., ÜNVER Y.
Russian Journal of Physical Chemistry A, vol.97, no.13, pp.3037-3049, 2023 (SCI-Expanded)
- X. **New Thiophene–Butanol Derivatives: Synthesis, Spectroscopic Characterization, DFT, Biological Activities and In Silico Study**
USTABAŞ R., SÜLEYMANOĞLU N., ÇELİK F., GÜLER H. İ., Bektaş K. İ., Direkel Ş., ÜNVER Y.
Russian Journal of Physical Chemistry A, vol.97, no.11, pp.2488-2500, 2023 (SCI-Expanded)
- XI. **Synthesis of Arylsulfonyl Hydrazone Derivatives: Antioxidant Activity, Acetylcholinesterase Inhibition Properties, and Molecular Docking Study**
Demirci Y., Kalay E., Kara Y., Güler H. İ., Can Z., Şahin E.
ChemistrySelect, vol.8, no.29, 2023 (SCI-Expanded)
- XII. **Genome-based reclassification of *Anoxybacillus salavatliensis* Cihan et al. 2011 as a later heterotypic synonym of *Anoxybacillus gonensis* Belduz et al. 2003**
Inan Bektas K., Guler H. İ., Canakci S., Belduz A. O.
ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY, vol.116, no.5, pp.415-423, 2023 (SCI-Expanded)
- XIII. **Experimental and theoretical investigations, enzyme inhibition activity and docking study of 5-methyl-4-(2-(piperazin-1-yl)ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one**
Evecen M., Çelik F., Bektaş E., Güler H. İ., Ünver Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1275, 2023 (SCI-Expanded)
- XIV. **New Schiff Bases with Thiophene Ring: Synthesis, Biological Activities, and Molecular Docking Study**
Çelik F., Inan Bektaş K., Güler H. İ., Direkel Ş., Ünver Y.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.93, no.2, pp.409-417, 2023 (SCI-Expanded)
- XV. **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, vol.356, no.1, 2023 (SCI-Expanded)
- XVI. **Bis-1,2,4-triazol derivatives: Synthesis, characterization, DFT, antileishmanial activity and molecular docking study**
SÜLEYMANOĞLU N., Ustabas R., GÜLER H. İ., Direkel S., ÇELİK F., ÜNVER Y.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.13, pp.5970-5980, 2023 (SCI-Expanded)
- XVII. **Biscarbazole Derivatives: Synthesis, Characterization, Antimicrobial and Antitumor Activity, and Molecular Docking Study**

- Çelik F., Aydın A., İnan Bektaş K., Güler H. İ., Nalçaoğlu A., Ünver Y.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.92, no.10, pp.2145-2160, 2022 (SCI-Expanded)
- XVIII. New carbazol derivatives containing 1,2,4-triazole: Synthesis, characterization, DFT study, acetylcholinesterase activity and docking study**
ÜNVER Y., SÜLEYMANOĞLU N., Ustabaş R., GÜLER H. İ., Bektaş E., Bektaş K. İ., ÇELİK F.
Journal of the Indian Chemical Society, vol.99, no.10, 2022 (SCI-Expanded)
- XIX. Genome-based reclassification of *Anoxybacillus kamchatkensis* Kevbrin et al. 2005 as a later heterotypic synonym of *Anoxybacillus ayderensis* Dulger et al. 2004**
İnan Bektaş K., Nalçaoğlu A., Güler H. İ., Çanakçı S., Beldüz A. O.
ARCHIVES OF MICROBIOLOGY, vol.204, no.10, 2022 (SCI-Expanded)
- XX. Investigation of potential inhibitor properties of violacein against HIV-1 RT and CoV-2 Spike RBD:ACE-2**
Dogancı M. A., Ay Sal F., Guler H. İ., Katı H., Ceylan E., Belduz A. O., Bozdal G., Yaylı N., Canakçı S.
World Journal of Microbiology and Biotechnology, vol.38, no.9, 2022 (SCI-Expanded)
- XXI. Genome-based reclassification of *Anoxybacillus karvacharensis* Panosyan et al. as a later heterotypic synonym of *Anoxybacillus kestanbolensis* Dulger et al. 2004; *A. flavithermus* subsp. *yunnanensis* CCTCC AB2010187(T) Dai et al. 2011 as a later heterotypic synonym of *A. tengchongensis* DSM 23211(T) Zhang et al. 2011**
İnan Bektaş K., Güler H. İ., Çanakçı S., Beldüz A. O.
ARCHIVES OF MICROBIOLOGY, vol.204, no.7, 2022 (SCI-Expanded)
- XXII. HIV-1-RT inhibition activity of *Satureja spicigera* (C.KOCH) BOISS. Aqueous extract and docking studies of phenolic compounds identified by RP-HPLC-DAD.**
Bektas E., Sahin H., Beldüz A. O., Güler H. İ.
Journal of food biochemistry, vol.46, no.4, 2022 (SCI-Expanded)
- XXIII. Genetic variations of renin-angiotensin and fibrinolytic systems and susceptibility to coronary artery disease: a population genetics perspective.**
Bayramoğlu A., Bayramoğlu G., Urhan K., Guler H. İ., Arpacı A.
Minerva cardiology and angiology, vol.70, no.1, pp.16-24, 2022 (SCI-Expanded)
- XXIV. New chalcone derivative, ethyl 2-(4-(3-(benzo[b]thiophen-2-yl)acryloyl)phenoxy)acetate: synthesis, characterization, DFT study, enzyme inhibition activities and docking study**
Çelik F., Süleymanoğlu N., Ustabaş R., Türkan F., Güler H. İ., Ünver Y., Kahriman N.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.22, pp.12260-12267, 2022 (SCI-Expanded)
- XXV. Cloning, biochemical characterization and molecular docking of novel thermostable beta-glucosidase BglA9 from *Anoxybacillus ayderensis* A9 and its application in de-glycosylation of Polydatin**
Zada N. S., Belduz A. O., Güler H. İ., Sahinkaya M., Khan S. I., Saba M., Bektas K., Kara Y., Kolaylı S., Badshah M., et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.193, pp.1898-1909, 2021 (SCI-Expanded)
- XXVI. 3-(5-(1H-imidazol-1-yl) pent-1-en-1-yl)-9-ethyl-9H-carbazole: synthesis, characterization (IR, NMR), DFT, antimicrobial-antioxidant activities and docking study**
ÜNVER Y., SÜLEYMANOĞLU N., Ustabas R., Bektas K., Bektas E., GÜLER H. İ.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.23, pp.12990-13000, 2021 (SCI-Expanded)
- XXVII. Cloning, expression, biochemical characterization, and molecular docking studies of a novel glucose tolerant β -glucosidase from *Saccharomonospora* sp. NB11**
Saleh Zada N., Beldüz A. O., Güler H. İ., Khan A., Sahinkaya M., Kaçıran A., Ay H., Badshah M., Shah A. A., Khan S.
Enzyme and Microbial Technology, vol.148, 2021 (SCI-Expanded)
- XXVIII. Investigation of potential inhibitor properties of ethanolic propolis extracts against ACE-II receptors for COVID-19 treatment by molecular docking study**
Guler H. İ., Tatar G., Yildiz O., Belduz A. O., Kolayli S.
ARCHIVES OF MICROBIOLOGY, vol.203, no.6, pp.3557-3564, 2021 (SCI-Expanded)
- XXIX. 1,2,3-triazole derivative: Synthesis, characterization, DFT, molecular docking study and antibacterial-antileishmanial activities**
ÇELİK F., Ustabaş R., SÜLEYMANOĞLU N., Direkel Ş., GÜLER H. İ., ÜNVER Y.

Journal of the Indian Chemical Society, vol.98, no.8, 2021 (SCI-Expanded)

- XXX. **Targeting CoV-2 spike RBD and ACE-2 interaction with flavonoids of Anatolian propolis by in silico and in vitro studies in terms of possible COVID-19 therapeutics**
Güler H. İ., Sal F., Can Z., Kara Y., Yıldız O., Beldüz A. O., Çanakçı S., Kolaylı S.
TURKISH JOURNAL OF BIOLOGY, vol.45, no.4, pp.530-548, 2021 (SCI-Expanded)
- XXXI. **Diversity and enzymatic potential of thermophilic bacteria associated with terrestrial hot springs in Algeria**
Benammar L., İnan Bektaş K., Menasria T., Beldüz A. O., Güler H. İ., Bedaida I. K., Gonzalez J. M., Ayachi A.
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.51, no.4, pp.1987-2007, 2020 (SCI-Expanded)
- XXXII. **Type 2 diabetes mellitus and diabetic nephropathy with Angiotensin II type 1 receptor gene variants: A case control study in a Turkish population**
Bayramoglu A., Bayramoglu G., Guler H., Hazar G.
KUWAIT MEDICAL JOURNAL, vol.52, no.4, pp.426-430, 2020 (SCI-Expanded)
- XXXIII. **Recombinant Production of Opiorphin Pentapeptide as Tandem Multimers Through Rational Design of Primers**
Guler H. İ.
APPLIED BIOCHEMISTRY AND MICROBIOLOGY, vol.56, no.2, pp.141-148, 2020 (SCI-Expanded)
- XXXIV. **Biochemical characterization of a novel thermostable feruloyl esterase from Geobacillus thermoglucosidasius DSM 2542(T)**
Sal F., Colak D. N., Güler H. İ., Çanakçı S., Beldüz A. O.
MOLECULAR BIOLOGY REPORTS, vol.46, no.4, pp.4385-4395, 2019 (SCI-Expanded)
- XXXV. **Effects of Interactions among Gene Polymorphisms of the Renin-Angiotensin-Aldosterone System on Hypertension in Turkish People from Southeast Anatolia**
ARPACI A., URHAN KÜÇÜK M., Bayramoglu A., GÜLER H. İ., Ecevit H., Suner A., KARAKAŞ ÇELİK S.
REVISTA ROMANA DE MEDICINA DE LABORATOR, vol.27, no.2, pp.159-168, 2019 (SCI-Expanded)
- XXXVI. **A novel cryptic and theta type plasmid (pHIG22) from Thermus scodotuctus sp K6**
Güler H. İ., Ceylan E., Çanakçı S., Beldüz A. O.
GENE, vol.679, pp.282-290, 2018 (SCI-Expanded)
- XXXVII. **SYNTHESIS, CHARACTERIZATION, ELECTROCHEMICAL PROPERTIES OF METAL-FREE AND METALLOPHTHALOCYANINES BEARING 2-BENZYLPHENOXY SUBSTITUENTS AND INVESTIGATION OF THEIR BIOLOGICAL ACTIVITIES**
SAĞLAM M. B., İNAN BEKTAŞ K., Uysal A., GÜLER H. İ., SAĞLAM A., BIYIKLIOĞLU Z.
REVUE ROUMAINE DE CHIMIE, vol.63, no.10, pp.881-895, 2018 (SCI-Expanded)
- XXXVIII. **Improved pulp bleaching potential of Bacillus subtilis WB800 through overexpression of three lignolytic enzymes from various bacteria**
OZER A., UZUNER U., GÜLER H. İ., Sal F., BELDÜZ A. O., DENİZ İ., ÇANAKÇI S.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.65, no.4, pp.560-571, 2018 (SCI-Expanded)
- XXXIX. **Description and phylogeny of a new microsporidium from the elm leaf beetle, Xanthogaleruca luteola Muller, 1766 (Coleoptera: Chrysomelidae)**
Bekircan C., BÜLBÜL U., GÜLER H. İ., BECNEL J. J.
PARASITOLOGY RESEARCH, vol.116, no.2, pp.773-780, 2017 (SCI-Expanded)
- XL. **C-Terminal proline-rich sequence broadens the optimal temperature and pH ranges of recombinant xylanase from Geobacillus thermodenitrificans C5**
IRFAN M., GÜLER H. İ., Ozer A., SAPMAZ M. T., BELDÜZ A. O., HASAN F., SHAH A. A.
ENZYME AND MICROBIAL TECHNOLOGY, vol.91, pp.34-41, 2016 (SCI-Expanded)
- XLI. **Cloning, purification and characterization of a cellulase-free xylanase from Geobacillus thermodenitrificans AK53**
IRFAN M., GÜLER H. İ., BELDÜZ A. O., SHAH A. A., ÇANAKÇI S.
APPLIED BIOCHEMISTRY AND MICROBIOLOGY, vol.52, no.3, pp.277-286, 2016 (SCI-Expanded)
- XLII. **Brevibacillus gelatini sp nov., isolated from a hot spring**
İnan K., Ozer A., Guler H. İ., BELDÜZ A. O., ÇANAKÇI S.

INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY, vol.66, pp.712-718, 2016 (SCI-Expanded)

XLIII. Biochemical characterization of wild-type and mutant (Q9F and S21Y/V22D) iron oxidases isolated from Acidithiobacillus ferrooxidans M1

ÇOLAK D. N., Guler H. İ., ÇANAKÇI S., BELDÜZ A. O.

TURKISH JOURNAL OF BIOLOGY, vol.40, no.1, pp.166-173, 2016 (SCI-Expanded)

XLIV. Thermus anatoliensis sp nov., a thermophilic bacterium from geothermal waters of Buharkent, Turkey

KAÇAĞAN M., Inan K., ÇANAKÇI S., Guler H. İ., BELDÜZ A. O.

JOURNAL OF BASIC MICROBIOLOGY, vol.55, no.12, pp.1367-1373, 2015 (SCI-Expanded)

XLV. Investigation of relationship between IL-6 gene variants and hypertension in Turkish population

Karaman E., Kucuk M. U., Bayramoglu A., Gocmen S. U., Ercan S., Guler H. İ., Kucukkaya Y., Erden S.

CYTOTECHNOLOGY, vol.67, no.6, pp.947-954, 2015 (SCI-Expanded)

XLVI. Is there any genetic predisposition of MMP-9 gene C1562T and MTHFR gene C677T polymorphisms with essential hypertension?

Bayramoglu A., Urhan Kucuk M., Guler H. İ., Abaci O., Kucukkaya Y., Colak E.

CYTOTECHNOLOGY, vol.67, no.1, pp.115-122, 2015 (SCI-Expanded)

XLVII. Plasminogen Activator Inhibitor-1 and Susceptibility to Lung Cancer: A Population Genetics Perspective

Bayramoglu A., Gunes H. V., Metintas M., Degirmenci I., Guler H. I., Ustuner C., Musmul A.

GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.18, no.8, pp.587-590, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis, characterization and biological activity of novel ionic liquids with bis-imidazole moieties: antitumor, antimicrobial effects and molecular docking studies**
ÇELİK F., ÜNVER Y., AYDIN A., GÜLER H. İ., Bektaş K. İ.
Organic Communications, vol.17, no.1, pp.23-37, 2024 (ESCI)
- II. **Molecular docking study on acetylcholinesterase and urease enzyme inhibition effects of Amygdalin**
Can Z., Kara Y., Güler H. İ., Birinci C., Kolaylı S.
Turkish Journal of Analytical Chemistry (Online), vol.5, no.2, pp.143-150, 2023 (Peer-Reviewed Journal)
- III. **Association of Methylenetetrahydrofolate Reductase rs1801133 Genetic Variants with Type 2 Diabetes Mellitus and Diabetic Nephropathy**
BAYRAMOĞLU A., BAYRAMOĞLU G., GÜLER H. İ., Çoban N., KORKMAZ M. Ç.
MAKARA JOURNAL OF HEALTH RESEARCH, vol.26, no.2, pp.74-80, 2022 (ESCI)
- IV. **The role of rs1799889 genetic variation in Type 2 diabetes and Diabetic Nephropathy risk**
BAYRAMOĞLU A., BAYRAMOĞLU G., GÜLER H. İ.
Erciyes Medical Journal, vol.42, no.4, pp.441-446, 2020 (ESCI)
- V. **Targeting CoV-2 Spike RBD: ACE-II complex with phenolic compounds from Cistus (Cistus L.) Bee Pollen for COVID-19 treatment by Molecular Docking Study**
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25. Ulusal Biyoloji Kongresi, İzmir, Turkey, 13 - 15 July 2023, pp.208
- VI. **In Vitro Koşullarda *Melissa officinalis* Fidelerine Uygulanan Fe3O4 Nanopartikül**

Konsantrasyonlarının Bitki Gelişimi ve Fenolik Madde Birikimine Etkileri

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25. Ulusal Biyoloji Kongresi, İzmir, Turkey, 13 - 15 July 2023, pp.193

VII. In Vitro CuO Nanopartikül Uygulamasının Melissa officinalis L.'de Büyüme ve Fenolik Profil Üzerindeki Etkileri

Şahin H., Bektaş E., Kataloğlu K., Güler H. İ., İnan Bektaş K., Uzun N. E.

25. Ulusal Biyoloji Kongresi, İzmir, Turkey, 13 - 15 July 2023, pp.203

VIII. Erwinia amylovora'nın Harpin Proteinin Triticum aestivum L. Bitkisi Üzerindeki Etkilerinin Araştırılması

Beldüz A. O., Bektaş M., Güler H. İ., Sağlam A., Ay Şal F.

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IX. Identification and Characterization of Inhibitors from Propolis Extracts againsts HIV-1-Reverse Transcriptase

Beldüz A. O., Ay Şal F., Güler H. İ., Yıldız O., Kolaylı S., Şahinkaya M., Demircan O., Pektaş S.

I. International Apitherapy and Nature Congress, Nakhchivan, Azerbaijan, 1 - 03 June 2023, pp.1

X. Cloning, Biochemical characterization and comparison of active site mutations at subsite +2 of Anoxybacillus ayderensis A9 Beta-glucosidase for hydrolysis of pNPG and polydatin

Saleh Zade N., Beldüz A. O., Güler H. İ., Khan S.

EXTREMOPHILES 2022, Korinthos, Greece, 18 - 22 September 2022, pp.66

XI. Crude Violacein Extracts of Two Janthinobacterium sp. have inhibition effects on HIV-1 RT enzyme and SARS-CoV-2 spike S1: ACE2 interaction both in vitro and in silico

Doğancı M. A., Ay Şal F., Güler H. İ., Katı H., Ceylan E., Beldüz A. O., Bozdal G., Yaylı N., Çanakçı S.

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Yıldız O., Güler H. İ., Beldüz A. O., Kolaylı S., Pektaş S.

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XIII. Improvement of β -Glucosidase Activity by Amino Acid Mutations in Active Sites

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XIV. A novel plasmid (pAnox1) from Anoxybacillus sp. 05S15

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XV. Determination of Replication Mode of Novel Plasmid pAnox1 from Anoxybacillus sp. 05S15

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XVI. The Importance of Propolis in COVID-19 Treatment

Kolaylı S., Güler H. İ.

1st JOINT INTERNATIONAL APITHERAPY CONGRESS, İstanbul, Turkey, 20 - 26 May 2021, pp.170

XVII. Erwinia Amylovora EAKKB29 İzolatının Harpin Geninin Klonlanması, pET28a(+) Vektöründe Ekspresyonu ve Altındane Ekmeklik Buğday (Triticum Aestivum L.) Fideleri Üzerinde Etkilerinin Araştırılması

BEKTAŞ M., GÜLER H. İ., SAĞLAM A., BELDÜZ A. O.

IV. International Ankara Conference On Scientific Research, Trabzon, Turkey, 10 - 11 April 2021, pp.103-104

XVIII. Ksilanaz Ve Glukoz-İzomeraz Aktivitesine Sahip Bazı Geobacillus Ve Brevibacillus Suşlarının Moleküler Filogenisi

GÜLER H. İ., İNAN BEKTAŞ K.

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- XXI. **Significant Effects Of Signal Peptide On pH And Thermal Stability Of A Thermostable Xylanase**
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- XXII. **In Quest of Non-Toxic DNA Dyes: Phthalocyanines Containing ?-Naphtholbenzein Groups on the Peripheral Positions**
SAĞLAM M. B., SAĞLAM A., İNAN BEKTAŞ K., GÜLER H. İ., UYSAL A.
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- XXIII. **Identification Of Minimal Replicon Of Plasmid pHIG22**
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BEKTAŞ E., GÜLER H. İ.
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- XXV. **Changes In Pal Gene Activity, Rosmarinic Acid Content During Shoot Organogenesis In TDZ-Treated *Satureja Spicigera* Shoots**
GÜLER H. İ., BEKTAŞ E.
The Second Japan – Turkey International Symposium on Pharmaceutical and Biomedical Sciences, Trabzon, Turkey, 11 - 12 September 2017, pp.20
- XXVI. **Determination of paper bleaching potentials of some ligninolytic enzymes produced in operon form**
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International DNA Day and Genome Congress, Kırşehir, Turkey, 24 - 28 April 2017, pp.168
- XXVIII. **Detection and Characterization of Transcripts of Plasmid pHIG22 By Using LACE and RACE Techniques**
GÜLER H. İ., ÇANAKÇI S., CEYLAN E., BELDÜZ A. O.
International DNA day and Genome Congress, Kırşehir, Turkey, 24 - 28 April 2017, pp.160
- XXIX. **QPCR Tekniği İle pHIG22 Plazmitinin Kopya Sayısının Hesaplanması**
GÜLER H. İ., CEYLAN E., ÇANAKÇI S., BELDÜZ A. O.
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- XXX. **Determination Of Replication Mode Of pHIG22 With TEM Analysis**
GÜLER H. İ., CEYLAN E., ÇANAKÇI S., BELDÜZ A. O.
5th International Molecular Biology and Biotechnology Congress, Üsküp, Macedonia, 25 - 29 August 2016, vol.1, no.1, pp.41
- XXXI. **In vitro clonal propagation and genetic fidelity of the regenerants of *Satureja spicigera* (C.Koch) Boiss. using RAPD Marker**
BEKTAŞ E., GÜLER H. İ.
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- XXXII. **Proline Tag at C Terminus Increase the Stability of *Geobacillus thermodenitrificans* C5 Xylanase**
GÜLER H. İ., İRFAN M., BELDÜZ A. O.

International Conference on Protein Stabilisation, İstanbul, Turkey, 9 - 11 May 2016, pp.27

XXXIII. **Thermus anatoliensis sp nov a thermophilic bacterium from Geothermal waters of Buharkent Turkey**
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Microbial Diversity 2015: The Challenge of Complexity, Perugia, Italy, 27 - 29 October 2015, pp.294-295

XXXIV. **Koroner arter hastalığı ile Metilen tetrahidrofolatredüktaz C677T polimorfizmi arasında ilişki var mı?**

URHAN KÜÇÜK M., BAYRAMOĞLU A., GOCMEN S. U., KÜÇÜKKAYA Y., ABACI O., GÜLER H. İ., ARPACI A., KORKMAZ M. Ç.

XIV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2015, pp.1

XXXV. **Tip-2 Diyabet ve Plazminojen Aktivatör İnhibitör-1 geninin 4G/5G polimorfizmi arasındaki ilişkinin belirlenmesi**

BAYRAMOĞLU A., GÜLER H. İ., TENDİK U., BAYRAMOĞLU G., HAZAR G., KURT H., GÜNEŞ H. V.

Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2015, pp.1

XXXVI. **Geobacillus Thermodenitrificans C5 Halotolarant Ksilanazın Klonlanması, Saflaştırılması ve Karakterizasyonu**

IRFAN M., GÜLER H. İ., SHAH A. A., AY ŞAL F., İNAN BEKTAŞ K., BELDÜZ A. O.

Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyon, Turkey, 21 - 24 August 2015, pp.1

XXXVII. **Geobacillus thermodenitrificans AK53 Ksilanaz Geninin Klonlanması, Saflaştırılması ve Karakterizasyonu**

IRFAN M., GÜLER H. İ., BELDÜZ A. O., SHAH A. A., ÇANAKÇI S.

Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyon, Turkey, 21 - 24 August 2015, pp.1

XXXVIII. **Prolin-Kuyruğun Anoxybacillus sp. Litik Murein Transglükosilazın Optimum Sıcaklık ve pH'sı Üzerine Etkisi**

CEYLAN E., EMİNOĞLU A., GÜLER H. İ., KURNAZ Z., BELDÜZ A. O.

Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyon, Turkey, 21 - 24 August 2015, pp.1

XXXIX. **C terminal proline rich sequence broadens the optimal temperature and pH ranges of xylanase from Geobacillus thermodenitrificans C5**

MUHAMMED I., BELDÜZ A. O., ALI SHAH A., GÜLER H. İ.

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XL. **Relationship Between PAI-1 Gene Variant and Lung Cancer**

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3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia And Herzegovina, 2 - 06 July 2014, pp.1

XLI. **Coronary Artery Disease (CAD) and Plasminogen Activator Inhibitor-1 Gene (PAI-1) 4G/5G Polymorphism**

BAYRAMOĞLU G., GÜLER H. İ., BAYRAMOĞLU A., URHAN KÜÇÜK M., POLAT M., ARPACI A., KÜÇÜKKAYA Y., KORKMAZ M. Ç.

3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia And Herzegovina, 2 - 06 July 2014, pp.1

XLII. **Koroner Arter Hastalığı ve Renin-Anjiyotensin Sistemi Gen Polimorfizminin Etkisi**

BAYRAMOĞLU A., GÜLER H. İ., URHAN KÜÇÜK M., ÇAKICI M., ARPACI A., BAYRAMOĞLU G., KÜÇÜKKAYA Y., KORKMAZ M. Ç.

22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1

XLIII. **Thermus scotoductus K6' dan izole edilen yeni bir plazmitin (pHIG22) anatomisi**

GÜLER H. İ., CEYLAN E., ÇANAKÇI S., BELDÜZ A. O.

22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1

XLIV. **Artvin Murgul Bakır Madeninden İzole Edilen Acidithiobacillus ferrooxidans M1 Suşu Yaban ve Mutant Demir Oksidaz Genlerinin Klonlanması ve Ekspresyonu**

ÇOLAK D. N., ŞAHİNKAYA M., GÜLER H. İ., ÇANAKÇI S., BELDÜZ A. O.

22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1

XLV. **PAI-1 Gen Varyantı ve Akciğer Kanseri İlişkisi**

- BAYRAMOĞLU A., GÜNEŞ H. V., METINTAS M., DEĞİRMENCİ İ., ÜSTÜNER M. C., GÜLER H. İ., MUSMUL A.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1
- XLVI. **Gelatinases B Gene C1562T Polymorphism Genotypes and Levels in Serum of Patients with Hypertension**
BAYRAMOĞLU A., URHAN KUCUK M., GÜLER H. İ., ABACI O., KUCUKKAYA Y., BAYRAMOĞLU G., KORKMAZ M. Ç.
9th International Statistics Day Symposium, Antalya, Turkey, 10 - 14 May 2014, pp.1
- XLVII. **Koroner arter hastalığında interlökin-6 572 G/C polimorfizm**
GÜLER H. İ., URHAN KÜÇÜK M., BAYRAMOĞLU A., ERCAN S., KÜÇÜKKAYA Y., KORKMAZ M. Ç.
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası Katılımlı), Aydın, Turkey, 27 - 30 October 2013, pp.1
- XLVIII. **Koroner arter hastalarında metalloproteinaz 9 gen polimorfizm sıklığı**
URHAN KÜÇÜK M., BAYRAMOĞLU A., KÜÇÜKKAYA Y., ABACI O., GÜLER H. İ., KORKMAZ M. Ç.
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası Katılımlı), Aydın, Turkey, 27 - 30 October 2013, pp.1
- XLIX. **Interleukin 6 572 G C polymorphism in coronary artery disease**
Güler H. İ., Bayramoğlu A., Urhan Küçük M., Korkmaz M. Ç.
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 31 October 2013, pp.268-269
- L. **Adıyaman popülasyonunda IL 6 gen varyantları ile hipertansiyon arasındaki ilişki**
KARAMAN KURT E., BAYRAMOĞLU A., GÜLER H. İ., ERCAN S., KÜÇÜKKAYA Y., İZMİRLİ M., URHAN KÜÇÜK M.
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2013
- LI. **Trabzon Çevresi Tatlı Su Kaynağından Yeni Bir Flavobacterium Türünün İzolasyonu ve Karakterizasyonu**
KAÇAĞAN M., İNAN K., BELDÜZ A. O., GÜLER H. İ., ÇANAKÇI S.
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- LII. **Thermus sp. K6 suşundan Yeni, Kriptik, Çok Kopyalı Bir Plazmitin (PHIG22) İzolasyonu ve Kısmi Karakterizasyonu**
GÜLER H. İ., KACAGAN M., ÇANAKÇI S., BELDÜZ A. O.
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Supported Projects

2024 - Continues	Niasin'in HIV-1 Revers Transkriptaz Enzimine karşı in silico ve in vitro olarak incelenmesi, Project Supported by Higher Education Institutions
2024 - Continues	Clinopodium nepeta subp glandulosum Ekstraktlarından Aktivite Yönlendirmeli Potansiyel HIV1RT İnhibitörlerinin İzolasyonu ve in vitro Biyolojik Aktivitelerinin Belirlenmesi, Project Supported by Higher Education Institutions
2023 - Continues	Aktinobakterilerin izolasyonu tanımlanması ve etil asetat fazlarının MCF7 meme kanseri hücre hattındaki inhibisyonlarının belirlenmesi, Project Supported by Higher Education Institutions
2023 - Continues	Bacillus velezensis C37 suşunun deterjan uyumlu enzim üretimini optimizasyonu, Project Supported by Higher Education Institutions
2021 - Continues	Deterjan Endüstrisinde Kullanım Potansiyeline Sahip Enzim Üreticisi Bakteri İzolatlarının Moleküler Tanımlanması, Project Supported by Higher Education Institutions
2021 - 2024	Çeşitli stres faktörlerinin in vitro koşullarda yetiştirilen Melissa officinalis L. fideleri üzerindeki fizyolojik, biyokimyasal ve moleküler etkilerinin araştırılması, TUBITAK Project
2021 - 2024	Dışarıdan Uygulanan Lsisteinin Tuz Stresi Altındaki Nohut Çeşitleri Üzerindeki Etkilerinin Araştırılması, Project Supported by Higher Education Institutions
2021 - 2024	Anoxybacillus sp. 05s15'den İzole Edilen Yeni, Küçük ve Halkasal Bir Plazmitin (Panox1) Fonksiyonel Analizi, TUBITAK Project
2020 - 2022	SARSCoV2 Spike RBD ile ACE2 interaksyonunun propolis özütleri ve içerdiği bazı saf flavonoid moleküllerce inhibisyonunun araştırılması, Project Supported by Higher Education Institutions
2019 - 2022	Anoxybacillus cinsinde, genom analizine dayalı çoklu lokus dizi analizi MLSA ile filogenetik ilişkilerin belirlenmesi, Project Supported by Higher Education Institutions

2019 - 2021	Specific designing of β -glucosidase for modification of natural products with the aim to enhance their cancer preventing potential, TUBITAK Project
2018 - 2021	Amilolitik Novel Enzimler ile Dirençli Nişastanın Çevre Dostu Üretimi, Project Supported by Higher Education Institutions
2018 - 2021	Identification and Characterization of HIV-1-Revers Transcriptase Inhibitors from Propolis Extracts, TUBITAK Project
2016 - 2019	İnsan tükürüğünden izole edilen Opiorfin Hormonunun Rekombinant Tekniklerle E.coli'de Üretimi, Project Supported by Higher Education Institutions
2016 - 2019	Metilen Tetrahidrofolat Redüktaz (MTHFR) Geni C677T Polimorfizminin Diyabetik Nefroopati İle Yatkinliğinin Araştırılması, Project Supported by Higher Education Institutions
2013 - 2019	Adıyaman Populasyonunda Hipertansif Hastalarda Renin Anjiyotensin Sistemi Gen Polimorfizmlerinin Anti Hipertansif Tedavi Üzerine Etkilerinin Araştırılması TIPFBAP 2013 0004, Project Supported by Higher Education Institutions
2016 - 2018	FEN FAKÜLTESİ MOLEKÜLER BİYOLOJİ VE GENETİK BÖLÜMÜ BİTKİ BİYOTEKNOLOJİSİ LABORATUARININ MİKROALG ARAŞTIRMALARINA DÖNÜK OLARAK YAPILANDIRILMASI, Project Supported by Higher Education Institutions
2013 - 2016	Anjiyotensin Dönüştürücü Enzim (ADE) seviyesi ile Koroner Arter Hastalığı ilişkisi, Project Supported by Higher Education Institutions
2013 - 2016	Koroner Arter Hastalığı KAH ile Plazminojen Aktivatör İnhibitör 1 geni PAİ 1 4G 5G polimorfizm ilişkisinin Araştırılması, Project Supported by Higher Education Institutions
2013 - 2016	Koroner Arter Hastalığı Olan Hastalarda Renin Anjiyotensin Sisteminin Gen Polimorfizmlerinin Etkisi, Project Supported by Higher Education Institutions
2012 - 2016	Isıl Kararlı Bakteriyal Bir Feruloyl Esterazın Klonlanması, Ekspresyonu Ve Karakterizasyonu, Project Supported by Higher Education Institutions
2014 - 2015	Anoxybacillus Gonensis PDF21 suşunun Litik Mürein Transglikozilaz ın optimum sıcaklık pH ve Isıl Kararlılığının iyileştirilmesi 12262 numaralı, Project Supported by Higher Education Institutions
2012 - 2015	Thermus scotoductus K6'dan İzole Edilen Yeni, Kriptik, Küçük, Çok Kopyalı Bir Plazmitin (pHIG22) Fonksiyonel Analizi, TUBITAK Project
2012 - 2015	Plazminojen Aktivatör İnhibitör geni 4G 5G polimorfizmi ve Anjiyotensin Dönüştürücü Enzim Reseptör AT1 geni A1166C polimorfizminin Diyabetik Nefropati ile yatkinliğinin araştırılması, Project Supported by Higher Education Institutions
2011 - 2012	Akciğer Kanseri ile Plazminojen Aktivatör İnhibitör Tip 1 PAİ 1 geni 4G 5G polimorfizmi ilişkisinin araştırılması, Project Supported by Higher Education Institutions
2011 - 2012	Hipertansiyon ile Matriks Metalloproteinaz 9 MMP 9 enzim aktivitesi arasındaki ilişkinin Araştırılması, Project Supported by Higher Education Institutions
2010 - 2012	Merkezi Araştırma Laboratuvarı Projesi, CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi

Activities in Scientific Journals

2018 - 2022	International Journal of Biochemistry & Physiology (IJB), Assistant Editor/Section Editor
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Scientific Refereeing

February 2024	TUBITAK Project, 3501 - National Young Researcher Career Development Program, Karadeniz Technical University, Turkey
November 2021	TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Karadeniz Technical University, Turkey
November 2021	TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Karadeniz Technical University, Turkey

March 2021	Sigma Journal of Engineering and Natural Sciences, Other journals
March 2021	TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Karadeniz Technical University, Turkey
February 2021	TURKISH JOURNAL OF BIOLOGY, Journal Indexed in SSCI
February 2021	Microbial Physiology, Other Indexed Journal
January 2021	TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey
August 2020	BİYOLOJİK ÇEŞİTLİLİK VE KORUMA, National Scientific Refreed Journal
July 2020	ARCHIVES OF MICROBIOLOGY, SCI Journal
July 2020	TUBITAK Project, 1004 - Mükemmeliyet Merkezi Destek Programı FAZ I, Karadeniz Technical University, Turkey
February 2020	Journal Of Basic Microbiology, SCI Journal
February 2020	ARCHIVES OF MICROBIOLOGY, SCI Journal
July 2019	TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey
July 2019	TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey
July 2019	TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey
July 2019	TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey
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July 2019	TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey
July 2019	TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey
May 2019	International Journal of Biochemistry & Physiology (JBP) MedWin, Other Indexed Journal
January 2019	Journal of BIOLOGICAL REGULATORS & Homeostatic Agents, SCI Journal
September 2018	TÜRK TARIM VE DOĞA BİLİMLERİ DERGİSİ, Other Indexed Journal
July 2018	International Journal of Biochemistry & Physiology (JBP), Other Indexed Journal
May 2018	TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Karadeniz Technical University, Turkey
May 2018	TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Karadeniz Technical University, Turkey
April 2018	International Journal of Biochemistry & Physiology (JBP), Other Indexed Journal
April 2018	TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Karadeniz Technical University, Turkey
April 2018	TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Karadeniz Technical University, Turkey
December 2017	TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Karadeniz Technical University, Turkey
September 2017	Project Supported by Higher Education Institutions
October 2016	Turkish Journal Of Biology, SCI Journal

Metrics

Publication: 112

Citation (WoS): 247

Citation (Scopus): 280

H-Index (WoS): 10

H-Index (Scopus): 10

Congress and Symposium Activities

2023	European Biotechnology Congress 2023, Attendee, Ljubljana, Slovenia
2020	ULUSLARARASI 5 OCAK UYGULAMALI BİLİMLER KONGRESİ, Attendee, Adana, Turkey
2020	ULUSLARARASI 5 OCAK UYGULAMALI BİLİMLER KONGRESİ, Session Moderator, Adana, Turkey
2019	Eurasian Congress of Molecular Biotechnology (ECOMB 2019), Session Moderator, Trabzon, Turkey
2017	The Second Japan-Turkey International Symposium on Pharmaceutical and Biomedical Sciences, Attendee, Trabzon, Turkey
2016	5th International Molecular Biology And Biotechnology Congress, Attendee, Tetovo, Macedonia
2015	III International Conference on Microbial Diversity, Attendee, Perugia, Italy
2014	3rd International Molecular Biology and Biotechnology Congress, Attendee, Sarajevo, Bosnia And Herzegovina
2014	22. Ulusal Biyoloji Kongresi, Attendee, Eskişehir, Turkey
2014	9th International Statistics Day Symposium, Attendee, Antalya, Turkey
2013	4th International Participated Entomopathogens And Microbial Control Symposium, Attendee, Artvin, Turkey
2012	21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey
2010	Metabolomik Lisansüstü Yaz Okulu, Attendee, Trabzon, Turkey

Scholarships

2012 - 2015	Tübitak Proje Bursiyeri, TÜBİTAK
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Awards

February 2022	Tübitak Yayın Teşvik Ödülü, Tübitak
August 2021	Covid-19 Update Covid-2021 özel sayısına katkı, Tübitak
January 2020	Tübitak Yayın Teşvik Ödülü, Tübitak
June 2015	2014 yılı Yayın Teşvik Ödülü, Artvin Çoruh Üniversitesi
April 2015	Bilimsel Telif ve Çeviri Eser Ödülleri (TEÇEP) kapsamında Çeviri Eser Ödülü, Türkiye Bilimler Akademisi (TÜBA)
June 2014	2013 yılı Yayın Teşvik Ödülü, Artvin Çoruh Üniversitesi