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International Researcher IDs

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Yoksis Researcher ID: 40451

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 2013 - 2017

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 2008 - 2012

Undergraduate, Ataturk University, Fen Fakültesi, Biyoloji, Turkey 2004 - 2008

Dissertations

Doctorate, Tuz Stresi Altındaki Ekmeklik Buğday Genotiplerinde (*Triticum aestivum*) Tolerans ve miRNA Hedef Genlerinin İfade Seviyeleri, Atatürk Üniversitesi, Fen Bilimleri, Biyoloji, 2017

Postgraduate, Malathion ve glifosatin *Triticum aestivum* (buğday) üzerindeki genetik ve epigenetik etkilerinin moleküler yöntemler ile belirlenmesi, Ataturk University, 2012

Research Areas

Life Sciences, Molecular Biology and Genetics, Plant Molecular Genetics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2018 - Continues

Research Assistant, Agri Ibrahim Cecen University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2013 - 2018

Courses

Biyokimya Laboratuvarı, Undergraduate, 2022 - 2023

Davranış Genetiği, Undergraduate, 2022 - 2023

Bitki Doku Kültürü, Undergraduate, 2022 - 2023

bitki doku kültürü, Undergraduate, 2023 - 2024

Bitki Doku Kültürü, Undergraduate, 2022 - 2023

Plant Genetics, Undergraduate, 2022 - 2023

Bitki Fizyolojisi, Undergraduate, 2022 - 2023

Populasyon Genetiği, Undergraduate, 2022 - 2023

Temel Genetik Laboratuvarı, Undergraduate, 2022 - 2023
BİTKİ GENETİĞİ VE BİYOTEKNOLOJİSİ, Undergraduate, 2020 - 2021
SEKONDER METABOLİTLER, Undergraduate, 2020 - 2021
BİYOTEKNOLOJİ LABORATUVARI, Undergraduate, 2020 - 2021
Genel Biyoloji Laboratuvarı II, Undergraduate, 2020 - 2021
Temel Genetik Laboratuvarı, Undergraduate, 2021 - 2022
POPULASYON GENETİĞİ, Undergraduate, 2020 - 2021
Bitki Genetiği, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **In vitro genotoxicity assessment of biosynthesized zinc oxide nanoparticles**
DEMİR A. Y., KARADAYI M., Isaoglu M., KARADAYI G., GÜLLÜCE M.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.39, no.7, pp.345-355, 2023 (SCI-Expanded)
- II. **Investigation of radiation protective features of azadispiro derivatives and their genotoxic potential with Ames/Salmonella test system**
Alaylar B., Aygun B., TURHAN K., KARADAYI M., CİNAN E., TURGUT Z., KARADAYI G., Abu Al-Sayyed M. I., GÜLLÜCE M., KARABULUT A.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.99, no.2, pp.245-258, 2023 (SCI-Expanded)
- III. **Characterization of gamma-ray and neutron radiation absorption properties of synthesized quinoline derivatives and their genotoxic potential**
Alaylar B., Aygün B., Turhan K., Karadayı G., Şakar E., Singh V., Sayyed M., Pelit E., Karabulut A., Güllüce M., et al.
Radiation Physics and Chemistry, vol.184, 2021 (SCI-Expanded)
- IV. **Analyses of somaclonal variation in endosperm-supported mature embryo culture of rye (*Secale cereale* L.)**
AYDIN M., ARSLAN E., TAŞPINAR M. S., KARADAYI G., AĞAR G.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.6, pp.1082-1089, 2016 (SCI-Expanded)
- V. **Cytogenetic and epigenetic alterations by cobalt and nickel on *Zea mays* L**
ERTURK F. A., AĞAR G., Nardemir G., ARSLAN E.
Toxicological and Environmental Chemistry, vol.97, no.10, pp.1350-1362, 2015 (SCI-Expanded)
- VI. **Analysis of genetic and epigenetic effects of maize seeds in response to heavy metal (Zn) stress**
Erturk F. A., AĞAR G., ARSLAN E., Nardemir G.
Environmental Science and Pollution Research, vol.22, no.13, pp.10291-10297, 2015 (SCI-Expanded)
- VII. **Determination of genetic and epigenetic effects of glyphosate on *Triticum aestivum* with RAPD and CRED-RA techniques**
Nardemir G., AĞAR G., ARSLAN E., ERTURK F. A.
Theoretical and Experimental Plant Physiology, vol.27, no.2, pp.131-139, 2015 (SCI-Expanded)
- VIII. **Determination of genotoxic effects of boron and zinc on *Zea mays* using protein and random amplification of polymorphic DNA analyses**
ERTURK F. A., NARDEMİR G., Hilal A. Y., ARSLAN E., AĞAR G.
Toxicology and Industrial Health, vol.31, no.11, pp.1015-1023, 2015 (SCI-Expanded)
- IX. **Genotoxic, antigenotoxic and antioxidant properties of methanol extracts obtained from *Peltigera horizontalis* and *Peltigera praetextata***
NARDEMİR G., YANMIS D., Alpsy L., GÜLLÜCE M., AĞAR G., Aslan A.
Toxicology and Industrial Health, vol.31, no.7, pp.602-613, 2015 (SCI-Expanded)
- X. **Antigenotoxic potencies of a lichen species, *Evernia prunastri***
Alpsy L., Orhan F., NARDEMİR G., AĞAR G., GÜLLÜCE M., Aslan A.
Toxicology and Industrial Health, vol.31, no.2, pp.153-161, 2015 (SCI-Expanded)
- XI. **Determination of genomic instability and DNA methylation effects of Cr on maize (*Zea mays* L.) using RAPD and CRED-RA analysis**

- Erturk F. A., AĞAR G., ARSLAN E., Nardemir G., SAHIN Z.
Acta Physiologiae Plantarum, vol.36, no.6, pp.1529-1537, 2014 (SCI-Expanded)
- XII. **Genetic variation among quince (*Cydonia oblonga* Mill.) genotypes sampled from the Coruh valley in Turkey**
Orhan E., Nardemir G., Ağar G., Ercişli S.
Genetics and Molecular Research, vol.13, no.1, pp.445-449, 2014 (SCI-Expanded)
- XIII. **Antagonistic effects of *Satureja hortensis* essential oil against AFB₁ on human lymphocytes in vitro**
CEKER S., AĞAR G., Alpsoy L., NARDEMİR G., Kizil H. E.
Cytology and Genetics, vol.48, no.5, pp.327-332, 2014 (SCI-Expanded)
- XIV. **Effects of lead sulfate on genetic and epigenetic changes, and endogenous hormone levels in corn (*Zea mays* L.)**
Erturk F. A., AĞAR G., ARSLAN E., Nardemir G., AYDIN M., TAŞPINAR M. S.
Polish Journal of Environmental Studies, vol.23, no.6, pp.1925-1932, 2014 (SCI-Expanded)
- XV. **Protective role of essential oils of *Calamintha nepeta* L. on oxidative and genotoxic damage caused by aflatoxin B₁ in vitro**
Ceker S., AĞAR G., Alpsoy L., Nardemir G., Kizil H. E.
Fresenius Environmental Bulletin, vol.22, no.11, pp.3258-3263, 2013 (SCI-Expanded)
- XVI. **Protective Role of *Mentha longifolia* L. ssp. *longifolia* against Aflatoxin B**
Ceker S., AĞAR G., Alpsoy L., Nardemir G., KIZIL H. E., METE E.
Journal of Essential Oil-Bearing Plants, vol.16, no.5, pp.600-607, 2013 (SCI-Expanded)
- XVII. **Anti-genotoxic and anti-oxidative effects of *cladonia rangiformis* extracts against aflatoxin B₁ in vitro**
Kotan E., AĞAR G., Alpsoy L., Aslan A., Erman F., Nardemir G.
Fresenius Environmental Bulletin, vol.22, pp.1139-1143, 2013 (SCI-Expanded)
- XVIII. **Molecular determination of genotoxic effects of cobalt and nickel on maize (*Zea mays* L.) by RAPD and protein analyses**
ERTURK F. A., AY H., NARDEMİR G., AĞAR G.
Toxicology and Industrial Health, vol.29, no.7, pp.662-671, 2013 (SCI-Expanded)
- XIX. **Investigation of anti-oxidative and anti-genotoxic effects of *Origanum vulgare* L. essential oil on human lymphocytes in vitro**
Ceker S., AĞAR G., NARDEMİR G., Anar M., Kizil H. E., Alpsoy L.
Journal of Essential Oil-Bearing Plants, vol.15, no.6, pp.997-1005, 2012 (SCI-Expanded)
- XX. **Anti-genotoxic and anti-oxidant effects of *origanum rotundifolium* on human lymphocytes in vitro**
Ceker S., NARDEMİR G., Alpsoy L., AĞAR G., METE E.
Journal of Essential Oil-Bearing Plants, vol.15, no.3, pp.415-423, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Rhizospheric PGPR Strains of Wheat, Barley and Trefoil Grown in Ağrı Province**
ALAYLAR B., GÜLLÜCE M., KARADAYI M., KOÇ T. Y., KARADAYI G.
Türk Doğa ve Fen Dergisi, vol.10, no.2, pp.182-190, 2021 (Peer-Reviewed Journal)
- II. **Bioremoval of methylene blue from aqueous solutions by *Syringa vulgaris* L. hull biomass**
GÜLLÜCE E., KARADAYI M., GÜLLÜCE M., KARADAYI G., YILDIRIM V., EGAMBERDIEVA D., ALAYLAR B.
Environmental Sustainability, vol.3, no.3, pp.303-312, 2020 (Peer-Reviewed Journal)
- III. **Genotoxicity Evaluation of the *Vitex agnus-castus* L. Essential Oil with the Yeast DEL Assay**
Sezen S., İSAOĞLU M., GÜLLÜCE M., KARADAYI M., KARADAYI G., HIDIROĞLU N., YILDIRIM V.
International Journal of Scientific Engineering Research, vol.10, no.9, pp.14-17, 2019 (Peer-Reviewed Journal)
- IV. **Isolation of PGPR strains with phosphate solubilizing activity from Erzurum and Their Molecular Evaluation by Using Newly Designed Specific primer for pqqB**
ALAYLAR B., GÜLLÜCE M., KARADAYI G., KARADAYI M.
International Journal of Scientific Engineering Research, 2018 (Peer-Reviewed Journal)

- V. **Isolation of PGPR strains with phosphate solubilizing activity from Erzurum and Their Molecular Evaluation by Using Newly Designed Specific primer for pqqB Gene**
ALAYLAR B., GÜLLÜCE M., KARADAYI G., KARADAYI M.
International Journal of Scientific Engineering Research, 2018 (Peer-Reviewed Journal)
- VI. **Antagonistic effects of *Satureja hortensis* essential oil against AFB1 on human lymphocytes in vitro.**
Ceker S., Agar G., Alpsoy L., Nardemir G., Kizil H.
T{combining double inverted breve}Sitologii{combining double inverted breve}ja i genetika, vol.48, no.5, pp.65-71, 2014 (Scopus)

Books & Book Chapters

- I. **Biodiversity, Ecological, and Commercial Importance of Psychrophilic Microorganisms**
KARADAYI G., ALAYLAR B., KARADAYI M., GÜRKÖK S., Aksu Ş., Egamberdieva D., GÜLLÜCE M.
in: Microbial Communities and their Interactions in the Extreme Environment. Microorganisms for Sustainability,, Egamberdieva D., Birkeland NK., Li WJ., Panosyan H., Editor, Springer, pp.225-247, 2021
- II. **Extreme Thermophilic Microorganisms as an Unique Source of Inspiration for Next Generation Biotechnological Products**
KARADAYI M., ALAYLAR B., GÜRKÖK S., KARADAYI G., Egamberdieva D., GÜLLÜCE M.
in: Microbial Communities and their Interactions in the Extreme Environment. Microorganisms for Sustainability, Egamberdieva D., Birkeland NK., Li WJ., Panosyan H., Editor, Springer, pp.207-224, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **A Study on Cryoconites of Horseshoe Island (Antarctica)**
Karadayı M., Gülşahin Y., Karadayı G., Gürkök S., Aksu Ş., Güllüce M.
6th International Conference on Advances in Natural and Applied Sciences, Ağrı, Turkey, 11 - 13 October 2022, pp.84
- II. **Pyracantha sp. Aqueous Extract Mediated Biosynthesis of Zinc Oxide (ZnO) Nanoparticles from Zinc Nitrate Precursor**
HIDIROĞLU İSPİRLİ N., DEMİR A. Y., KARADAYI G., İSAOĞLU M., Güllüce E., KARADAYI M., GÜLLÜCE M.
International Symposium of Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.1036
- III. **Pyracantha sp. Aqueous Extract Mediated Biosynthesis of Zinc Oxide (ZnO) Nanoparticles from Zinc Nitrate Precursor**
HIDIROĞLU İSPİRLİ N., DEMİR A. Y., KARADAYI G., İSAOĞLU M., Güllüce E., KARADAYI M., GÜLLÜCE M.
International Symposium of Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.1036
- IV. **Pyracantha sp. Aqueous Extract Mediated Biosynthesis of Zinc Oxide (ZnO) Nanoparticles from Zinc Nitrate Precursor**
HIDIROĞLU N., DEMİR A. Y., KARADAYI G., İSAOĞLU M., GÜLLÜCE E., KARADAYI M., GÜLLÜCE M.
Kastamonu-Turkey, 19 June 2018
- V. **Isolation of PGPR Strains from Erzurum and Their Molecular Evaluation by Using Newly Designed Specific primers for NifA and PqqA Genes**
ALAYLAR B., GÜLLÜCE M., KARADAYI G., SEZEN S., KOÇ T. Y., KARADAYI M.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.23
- VI. **Isolation of PGPR Strains from Erzurum and Their Molecular Evaluation by Using Newly Designed Specific primers for NifA and PqqA Genes**
ALAYLAR B., GÜLLÜCE M., KARADAYI G., SEZEN S., KOÇ T. Y., KARADAYI M.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.23
- VII. **Symphoricarpos albus Aqueous Extract Mediated Biosynthesis of Zinc Oxide Nanoparticles using Zinc Acetate and Zinc Nitrate as Precursor**

GÜLLÜCE M., İSAOĞLU M., KARADAYI M., HİDİROĞLU N., KARADAYI G., DEMİR A. Y.

International Eurasian Conference on Biological and Chemical Sciences, Ankara-Turkey, 27 April 2018

- VIII. **Symphoricarpos albus Aqueous Extract Mediated Biosynthesis of Zinc Oxide Nanoparticles using Zinc Acetate and Zinc Nitrate as Precursors**
GÜLLÜCE M., İSAOĞLU M., KARADAYI M., HİDİROĞLU İSPİRLİ N., KARADAYI G., DEMİR A. Y.
International Eurasian Conference on Biological and Chemical Sciences – 2018, Ankara, Turkey, 26 - 27 April 2018, pp.1035
- IX. **Biosynthesis of ZnO Nanoparticles using Aqueous Extract of Potato Peel**
HİDİROĞLU İSPİRLİ N., KARADAYI G., KARADAYI M., İSAOĞLU M., GÜLLÜCE M., DEMİR A. Y.
International Eurasian Conference on Biological and Chemical Sciences – 2018, Ankara, Turkey, 26 - 27 April 2018, pp.1046
- X. **Symphoricarpos albus Aqueous Extract Mediated Biosynthesis of Zinc Oxide Nanoparticles using Zinc Acetate and Zinc Nitrate as Precursors**
GÜLLÜCE M., İSAOĞLU M., KARADAYI M., HİDİROĞLU İSPİRLİ N., KARADAYI G., DEMİR A. Y.
International Eurasian Conference on Biological and Chemical Sciences – 2018, Ankara, Turkey, 26 - 27 April 2018, pp.1035
- XI. **Biosynthesis of ZnO Nanoparticles using Aqueous Extract of Potato Peel**
HİDİROĞLU İSPİRLİ N., KARADAYI G., KARADAYI M., İSAOĞLU M., GÜLLÜCE M., DEMİR A. Y.
International Eurasian Conference on Biological and Chemical Sciences – 2018, Ankara, Turkey, 26 - 27 April 2018, pp.1046
- XII. **Biosynthesis of ZnO nanoparticles by using aqueous extract of Robinia pseudoacacia L. seeds and their characterization**
GÜLLÜCE M., HİDİROĞLU İSPİRLİ N., İSAOĞLU M., KARADAYI G., DEMİR A. Y., KARADAYI M.
7th International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 - 27 April 2018, pp.117
- XIII. **Biosynthesis of ZnO nanoparticles by using aqueous extract of Robinia pseudoacacia L. seeds and their characterization**
GÜLLÜCE M., HİDİROĞLU İSPİRLİ N., İSAOĞLU M., KARADAYI G., DEMİR A. Y., KARADAYI M.
7th International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 - 27 April 2018, pp.117
- XIV. **Çinko Klorür Öncüsünden Biyosentezlenen ZnO Nanopartiküllerinin T. aestivum Fidelerinde Büyüme İnhibisyonu**
GÜLLÜCE M., KARADAYI M., KARADAYI G., HİDİROĞLU N., KOÇ T. Y., DEMİR A. Y., ÖZKAN H.
2. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, 9 - 12 July 2017
- XV. **Genotoxicity of ZnO nanoparticles biosynthesized from Zinc nitrate**
KARADAYI M., GÜLLÜCE M., DEMİR A. Y., KARADAYI G., SEZEN S., DOĞAN S.
2. ULUSAL UYGULAMALI BİYOLOJİK BİLİMLER KONGRESİ, 9 - 12 July 2017
- XVI. **Çinko Nitratın Biyosentezlenen ZnO Nanopartiküllerinin Genotoksitesitesi**
KARADAYI M., GÜLLÜCE M., DEMİR A. Y., KARADAYI G., SEZEN S., DOĞAN S.
2. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, 9 - 12 July 2017
- XVII. **Growth inhibition of T. aestivum seedlings by ZnO nanoparticles biosynthesized from Zinc chloride precursor**
GÜLLÜCE M., KARADAYI M., KARADAYI G., HİDİROĞLU N., KOÇ T. Y., DEMİR A. Y., ÖZKAN H.
2. ULUSAL UYGULAMALI BİYOLOJİK BİLİMLER KONGRESİ, 9 - 12 July 2017
- XVIII. **Çinko Nitratın Biyosentezlenen ZnO Nanopartiküllerinin Genotoksitesitesi**
KARADAYI M., GÜLLÜCE M., DEMİR A. Y., KARADAYI G., SEZEN S., HÜNDÜR S.
2. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, Afyon-Türkiye, Turkey, 09 July 2017
- XIX. **Çinko Klorür Öncüsünden Biyosentezlenen ZnO Nanopartiküllerinin T. aestivum Fidelerinde Büyüme İnhibisyonu**
GÜLLÜCE M., KARADAYI M., KARADAYI G., HİDİROĞLU N., KOÇ T. Y., DEMİR A. Y., ÖZKAN H.
2. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, Afyon-Türkiye, Turkey, 09 July 2017
- XX. **Determination of Epigenetic Effects of Fiprinol and estradiol on Vicia faba**
KARADAYI G., AĞAR G., ÖĞÜTCÜ H., ALAYLAR B., GÜLLÜCE M.

International Agriculture Congress, Belgrade-Serbia, 14 - 18 November 2016

- XXI. **Umbilicaria cylindrica dan Elde Edilen Metanol Ekstraktının Antigenotoksik Etkileri**
KARADAYI G., KARADAYI M., AĞAR G., GÜLLÜCE M., ASLAN A.
23. ULUSAL BİYOLOJİ KONGRESİ, 5 - 09 September 2016
- XXII. **Phaseolus vulgaris te Paraquatın Sebep Olduğu DNA Metilasyonuna Karşı östrodiolün Koruyucu Rolü**
ARSLAN E., YAĞCI S., SİĞMAZ B., AĞAR G., AYDIN M., KARADAYI G.
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016
- XXIII. **Phaseolus vulgaris te Paraquatın Sebep Olduğu DNA Metilasyonuna Karşı B östrodiolün Koruyucu Rolü**
ARSLAN E., YAĞCI S., SİĞMAZ B., AĞAR G., AYDIN M., KARADAYI G.
23.Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016
- XXIV. **Doğal Bitki Büyümesini Teşvik Edici Bakterilerin Kütahya Manyezit Madenleri Sahasından İzolasyonu ve Moleküler Karakterizasyonu**
HÜNDÜR S., BOZOĞLU C., BARIŞ Ö., KARADAYI G., GÜLLÜCE M.
Türkiye Doğal Beslenme ve Yaşam Boyu Sağlık Zirvesi 2015, Turkey, 20 - 23 May 2015
- XXV. **Extracellular Biosynthesis of Biocompatible Titanium Dioxide Nanoparticles by Using Fungus Aspergillus sp**
ŞAHİN M., DEMİR A. Y., GÜLLÜCE M., BARIŞ Ö., DEMİR Ü., KARADAYI M., KARADAYI G.
International Conference on Engineering and Natural Sciences (ICENS) 2015, 15 - 19 May 2015
- XXVI. **Erzurum ve Çevresinden Toplanan Peltigera Türlerinden Elde Edilen Metanol Özütlerine Ait Mutajenik ve Antimutajenik Özelliklerin Ames Tekniği ile Araştırılması**
ANAR M., GÜLLÜCE M., ASLAN A., AĞAR G., BAL TAŞTAN T., KARADAYI M., KARADAYI G.
12. Tıbbi Biyoloji ve Genetik Kongresi, Antalya, Turkey, 27 - 30 October 2011, pp.141
- XXVII. **Erzurum ve Çevresinden Toplanan Peltigera Türlerinden Elde Edilen Metanol Özütlerine Ait Mutajenik ve Antimutajenik Özelliklerin Ames Tekniği ile Araştırılması**
ANAR M., GÜLLÜCE M., ASLAN A., AĞAR G., BAL TAŞTAN T., KARADAYI M., KARADAYI G.
12. Tıbbi Biyoloji ve Genetik Kongresi, Antalya, Turkey, 27 - 30 October 2011, pp.141
- XXVIII. **Ramalina Türlerinden Elde Edilen Metanol Özütünün Aflatoksin B1 (AFB1) ve Sodyum Azid (NaN3) Mutajenlerine Karşı Koruyucu Etkilerinin Belirlenmesi**
ANAR M., GÜLLÜCE M., ASLAN A., AĞAR G., BAL TAŞTAN T., KARADAYI M., KARADAYI G.
12. Tıbbi Biyoloji ve Genetik Kongresi, Antalya, Turkey, 27 - 30 October 2011, pp.141
- XXIX. **Ramalina Türlerinden Elde Edilen Metanol Özütünün Aflatoksin B1 (AFB1) ve Sodyum Azid (NaN3) Mutajenlerine Karşı Koruyucu Etkilerinin Belirlenmesi**
ANAR M., GÜLLÜCE M., ASLAN A., AĞAR G., BAL TAŞTAN T., KARADAYI M., KARADAYI G.
12. Tıbbi Biyoloji ve Genetik Kongresi, Antalya, Turkey, 27 - 30 October 2011, pp.141

Supported Projects

Güllüce M., Karadayı G., Karadayı M., Fakoğlu Ö., TUBİTAK Project, Erzurum İli Sulak Alanlarından İzole Edilen Scenedesmus Türlerinin Ticari Ürün Parametrelerinin Mikroalg Büyümesini Teşvik Eden Bakterilerle (Mbtb) Pilot Ölçekli Eş Kültür Üretim Ortamında İyileştirilmesi., 2023 - 2025

Güllüce M., Karadayı M., Karadayı G., Fakoğlu Ö., TUBİTAK Project, Farklı İklim, Enlem ve Boylamlarda Buzul Göllerinin Fitoplankton Yapısının Konvensiyonel ve Metagenomik Analizler ile İncelenmesi: Antartika Horseshoe Adası Gölleri ve Türkiye'de Bir Buzul Gölü Örneği., 2022 - 2023

Karadayı G., Güllüce M., TUBİTAK Project, Resveratrol'den Piceatannolün Bakteriyel Üretimi ve Ürün Veriminin İyileştirilme Olanaklarının Araştırılması., 2021 - 2023

Güllüce M., Gürkök S., Karadayı G., Karadayı M., TUBİTAK Project, Horseshoe Adasındaki Kriyokonit Habitatlarının Mikrobiyal Biyoçeşitliliğinin Kültürden Bağımsız (Metagenomik) Yaklaşımlarla Araştırılması ve Biyoteknolojik Öneme Sahip İzolatların Kültüre Bağımlı Yöntemlerle Elde Edilmesi., 2021 - 2023

KARADAYI G., ÇOLAK İ., Project Supported by Higher Education Institutions, Ekmeklik buğday Triticum aestivum L

Bitkisinde Kadmiyum Stresine Cevapta Etkili olan Bazı Genlerin İfade Seviyelerinin ve DNA Metilasyon Oranlarının Belirlenmesi, 2020 - 2021

KARADAYI G., KOÇ T. Y., GÜRBÜZ D., CEBECİ A., BAYRAKTAR A. A., DOĞAN S., DOĞAN F., Project Supported by Higher Education Institutions, Sağlıklı Yaşam Demek Güvenilir Gıda Demek, 2019 - 2020

Tasks In Event Organizations

Tozlu E., Çoruh İ., Çoruh S., Karadayı G., Bulak Korkmaz Y., Tozlu G., PARLAK V., OĞUZHAN YILDIZ P., 3rd International Conference on Food, Agriculture and Animal Sciences , Scientific Congress, Erzurum, Turkey, Ekim 2021

Kalecik S., Sarıtaş S., Kılıç D., Ünver Y., Nişancı B., Toraman E., Ömeroğlu M. A., Orak T., Taş S., Levet A., et al., 1st International Symposium On Recent Advances In Fundamental And Applied Sciences (Isfas-2021), Scientific Congress, Erzurum, Turkey, Eylül 2021

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