

Lect. PhD RIDVAN TEMİZGÜL

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 33078

Email: rtemizgul@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/rtemizgul/cv>

Address: Fen Fakültesi Biyoloji Bölümü, Melikgazi/KAYSERİ

International Researcher IDs

ScholarID: T_SChwoAAAAJ

ORCID: 0000-0002-1033-7067

Publons / Web Of Science ResearcherID: AAL-7054-2021

ScopusID: 35772827500

Yoksis Researcher ID: 20001

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2006 - 2014

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2004 - 2006

Undergraduate, Erciyes University, Fen Fakültesi, Biyoloji, Turkey 2000 - 2004

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Animal Immunogenetic and Molecular Immunology- workshop, Erciyes Üniversitesi- GenKök, 2014

Education Management and Planning, KONFOKAL GÖRÜNTÜLEME TEKNİKLERİ VE UYGULAMALARI, ERCİYES ÜNİVERSİTESİ, 2007

Education Management and Planning, BİLGİSAYAR İŞLETMENLİĞİ, MİLLİ EĞİTİM BAKANLIĞI, 2001

Dissertations

Doctorate, Türkiye'deki Bazı Yerel Ekmeklik Buğday Çeşitlerinde Gluten Polimorfizmi ve Gen Çeşitliliğinin Belirlenmesi, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, 2014

Postgraduate, Agrobacterium Aracılığı İle Nohut Bitkisine (Cicer arietinum L.) Gen Aktarımı, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, 2006

Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Cereal Grains (wheat, oats, rye, corn, barley, millets, rice,etc.), Hot Climate Cereals, Cool Climate Cereals, Biotechnology and Genetics, Molecular Biotechnology, Life Sciences, Plant Biology,

Plant Tissue Culture, Plant Breeding and Genetics, Biotechnology, Plant Biotechnology, Industrial Biotechnology, Microbial Biotechnology, Environmental Biology, Environmental Pollution, Molecular Biology and Genetics, Plant Molecular Genetics, Protein Engineering, Chemistry, Biochemistry, Enzyme Kinetics, Natural Sciences

Academic Titles / Tasks

Medical Doctor, Erciyes University, Fen Fakültesi, Biyoloji, 2014 - Continues

Expert, Erciyes University, Fen Fakültesi, Biyoloji, 2007 - 2014

Academic and Administrative Experience

International Botanical Garden Board Member, Erciyes University, Fen Fakültesi, Biyoloji, 2021 - Continues

Erciyes University, 2021 - Continues

Fakülte cihaz sorumlusu, Erciyes University, Fen Fakültesi, Biyoloji, 2015 - Continues

Curriculum Preparation Committee Member, Erciyes University, Fen Fakültesi, Biyoloji, 2008 - Continues

Exam Program Preparation Commission Member, Erciyes University, Fen Fakültesi, Biyoloji, 2008 - Continues

Adaptation/Exemption Committee Member, Erciyes University, Fen Fakültesi, Biyoloji, 2008 - Continues

Courses

Genetik Laboratuvarı, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Bitki Fizyolojisi Laboratuvarı, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Histoloji Laboratuvarı, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genome mining of *Bacillus thuringiensis* strain SY49.1 reveals novel candidate pesticidal and bioactive compounds**
Yılmaz S., Idris A. B., Ayvaz A., Temizgül R., Çetin A., Hassan M. A.
PEST MANAGEMENT SCIENCE, vol.81, pp.298-307, 2025 (SCI-Expanded)
- II. **Comparison of different hulled wheat genotypes in terms of yield, morphological, and nutritional properties**
Temizgül R., Çiftçi B., Kardeş Y. M., Kara R., Yılmaz S., Yılmaz S., Kaplan M.
GENETIC RESOURCES AND CROP EVOLUTION AN INTERNATIONAL JOURNAL, vol.71, no.5, pp.1-8, 2024 (SCI-Expanded)
- III. **Molecular characterization of the chitinase genes of native *Bacillus thuringiensis* isolates and their antagonistic activity against three important phytopathogenic fungi**
Azizoglu Z. B., Yılmaz S., Azizoglu U., Karabörklü S., Temizgül R., Ayvaz A.
BIOLOGIA, vol.76, no.9, pp.2745-2755, 2021 (SCI-Expanded)
- IV. **Biochemical composition of selected lines from sorghum (*Sorghum bicolor* L.) landraces**
Kardes Y. M., Kaplan M., Kale H., Yılmaz M. F., Karaman K., Temizgül R., Akar T.
PLANTA, vol.254, no.2, 2021 (SCI-Expanded)
- V. **Characterization of Local Sorghum (*Sorghum bicolor* L.) Population Grains in Terms of Nutritional**

Properties and Evaluation by GT Biplot Approach

KAPLAN M., Kale H., Kardes Y. M., KARAMAN K., Kahraman K., Yilmaz M. F., Temizguel R., AKAR T.
STARCH-STARKE, vol.72, 2020 (SCI-Expanded)

- VI. **OXIDANT AND ANTIOXIDANT ENZYME RESPONSE OF REDBINE SWEET SORGHUM UNDER NaCl SALINITY STRESS**
Yılmaz S., Temizgül R., Yururduramaz C., Kaplan M.
BIOAGRO, vol.32, pp.31-38, 2020 (SCI-Expanded)
- VII. **Nutritional composition of potato (*Solanum tuberosum* L.) Haulms**
Kaplan M., Ülger I., Kokten K., Uzun S., Oral E. V., Özaktan H., Temizgül R., Kale H.
PROGRESS IN NUTRITION, vol.20, pp.90-95, 2018 (SCI-Expanded)
- VIII. **Genetic diversity of high-molecular-weight glutenin subunit compositions in bread wheat landraces originated from Turkey**
TEMİZGÜL R., AKBULUT M., Lafiandra D.
PLANT GENETIC RESOURCES-CHARACTERIZATION AND UTILIZATION, vol.16, no.1, pp.28-38, 2018 (SCI-Expanded)
- IX. **Classification of different Sorghum bicolor genotypes depending on fatty acid composition with using Biplot Analysis**
Kaplan M., Temizgül R., Beyzi S., Kokten K., Karaman K.
Progress in Nutrition, vol.20, pp.699-705, 2018 (SCI-Expanded)
- X. **Antioxidant enzyme response of sorghum plant upon exposure to Aluminum, Chromium and Lead heavy metals**
Yılmaz S. H., Kaplan M., Temizgül R., Yılmaz S.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.42, pp.503-512, 2017 (SCI-Expanded)
- XI. **Cloning and expression of cry2Aa from native Bacillus thuringiensis strain SY49-1 and its insecticidal activity against Culex pipiens (Diptera: Culicidae)**
Yılmaz S., AZİZOĞLU U., AYVAZ A., TEMİZGÜL R., ATCIYURT Z. B., Karaborklu S.
MICROBIAL PATHOGENESIS, vol.105, pp.81-85, 2017 (SCI-Expanded)
- XII. **ASSESSMENT OF OIL CONTENT AND FATTY ACID COMPOSITION OF TURKISH SORGHUM LANDRACE THROUGH GGT BIPLLOT ANALYSIS**
KAPLAN M., Kokten K., TEMİZGÜL R., BEYZI S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.3, pp.1925-1932, 2017 (SCI-Expanded)
- XIII. **Expression of cry1Ab gene from a novel Bacillus thuringiensis strain SY49-1 active on pest insects**
AZİZOĞLU U., AYVAZ A., YILMAZ S., Karaborklu S., TEMİZGÜL R.
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.47, no.3, pp.597-602, 2016 (SCI-Expanded)
- XIV. **The synergic and antagonistic activity of Cry1Ab and Cry2Aa proteins against lepidopteran pests**
AZİZOĞLU U., AYVAZ A., YILMAZ S., TEMİZGÜL R.
JOURNAL OF APPLIED ENTOMOLOGY, vol.140, no.3, pp.223-227, 2016 (SCI-Expanded)
- XV. **Effects of Exogenous Glycinebetaine and Trehalose on Cadmium Accumulation and Biological Responses of an Aquatic Plant (*Lemna gibba* L.)**
DUMAN F., Aksoy A., Aydin Z., TEMİZGÜL R.
WATER AIR AND SOIL POLLUTION, vol.217, pp.545-556, 2011 (SCI-Expanded)
- XVI. **Arsenic accumulation and biological responses of watercress (*Nasturtium officinale* R. Br.) exposed to arsenite**
Ozturk F., DUMAN F., LEBLEBİCİ Z., TEMİZGÜL R.
ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.69, no.2, pp.167-174, 2010 (SCI-Expanded)
- XVII. **Biological responses of a non-target aquatic plant (*Nasturtium officinale*) to the herbicide, tribenuron-methyl**
DUMAN F., UREY E., TEMİZGÜL R., BOZOK F.
WEED BIOLOGY AND MANAGEMENT, vol.10, no.2, pp.81-90, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **The effects of Selenium phytotoxicity on two wheat (*Triticum aestivum*) cultivars differing in Se tolerance and the role of antioxidant enzymes in the tolerance mechanism**
Gokbulut T., AKBULUT M., TEMİZGÜL R.
Eurobiotech Journal, vol.8, no.4, pp.158-167, 2024 (ESCI)
- II. **Evaluation of Enzymatic and Non-enzymatic Antioxidant Defense Responses of Durum Wheat (*Triticum durum* Desf.) in Coping with Boron Stress**
Temizgül R.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.12, no.8, pp.1339-1351, 2024 (Peer-Reviewed Journal)
- III. **ALLELE FREQUENCY OF GLUTENIN SUBUNITS AND GLU-1 QUALITY SCORES IN SOME TURKISH BREAD WHEAT LANDRACES**
Temizgül R., Akbulut M.
TRAKYA UNIVERSITY JOURNAL OF NATURAL SCIENCES, vol.21, pp.1-11, 2020 (ESCI)
- IV. **Farklı dozlarda uygulanan selenyumun sorgum bitkisinde tane verimi ve yem kalitesi üzerine etkisi**
Yıldız D., Kaplan M., Temizgül R., Kardeş Y. M.
Mediterranean Agricultural Sciences, vol.31, pp.149-153, 2018 (Peer-Reviewed Journal)
- V. **Bacillus thuringiensis Parasporins and Their Use in Controlling Cancer Cells**
Yılmaz S., Çetin A., Temizgül R.
European Journal of Sustainable Development Research, vol.2, no.1, pp.57-62, 2017 (Peer-Reviewed Journal)
- VI. **EFFECTS OF SALT CONCENTRATIONS ON ANTIOXIDANT ENZYME ACTIVITY OF GRAIN SORGHUM**
TEMİZGÜL R., KAPLAN M., YILMAZ S., Kara R.
Current Trends in Natural Sciences, vol.5, no.9, pp.171-178, 2016 (Peer-Reviewed Journal)
- VII. **Agrobacterium tumefaciens mediated transformation in chickpea (*Cicer arietinum* L.)**
Temizgül R., Akbulut M.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, no.1, pp.1-18, 2011 (Peer-Reviewed Journal)
- VIII. **Mikroalga radyasyonunun Tribolium castaneum Herbst (Coleoptera: Tenebrionidae) erginleri üzerindeki öldürücü etkisi**
AZİZOĞLU U., Karabörklü S., YILMAZ S., AYVAZ A., TEMİZGÜL R.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.26, no.4, pp.323-327, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Plasmid encoded metabolites of Bacillus thuringiensis**
Yılmaz S., Temizgül R., Çetin A.
Current Trends in Natural Sciences, Pitesti, Romania, 18 - 20 April 2019, pp.29
- II. **Grain Feed Values of Newly Selected Lines from Turkish Sorghum (*Sorghum bicolor* L.) Landraces**
KAPLAN M., Ergün C., TEMİZGÜL R., Yılmaz M. F., Kardeş Y. M., Kale H., Akar T.
2nd International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOT), İzmir, Turkey, 2 - 05 April 2018, vol.1, pp.225
- III. **Morphological Characteristics of Newly Selected Lines from Turkish Sorghum Landraces**
KAPLAN M., TEMİZGÜL R., Yılmaz M. F., Kale H., Kardeş Y. M., Tal E., Akar T.
International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 7 - 11 March 2018, pp.74
- IV. **Determination of Potential Nutritive Value of Turkish Sorghum (*Sorghum bicolor* L.)**
KAPLAN M., Bozkurt S., TEMİZGÜL R., Yılmaz M. F., Kale H., Kardeş Y. M., Tal E., Akar T.
International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 7 - 11 March 2018, pp.73
- V. **Effects of Salt Stress on Antioxidant Enzyme Activity of Sorghum**

TEMİZGÜL R., KAPLAN M., YILMAZ S.

ECOLOGY 2017 INTERNATIONAL SYMPOSIUM, 11 - 13 May 2017

- VI. **Kafir Protein Profile of Turkish Originated Sorghum Lines**
KAPLAN M., TEMİZGÜL R., YILMAZ S.
ECOLOGY, Kayseri, Turkey, 11 - 13 May 2017, pp.661
- VII. **Glycogenic and ketogenic amino acid content of barley cultivars as affected by selenium treatments**
YILMAZ S., İLBAŞ A. I., ÇETİN A., TEMİZGÜL R.
THE 3RD INTERNATIONAL SYMPOSIUM ON EUROASIAN BIODIVERSITY, Minsk, Belarus, 5 - 08 May 2017, pp.704
- VIII. **Morphological characterization of Turkish sorghum (*Sorghum bicolor* L.) landrace**
KAPLAN M., TEMİZGÜL R., Yılmaz M. F., Kale H., Kardeş Y. M., Tal E., Akar T.
International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 2 - 05 April 2017, pp.86
- IX. **Sorghum in Phytoremediation**
TEMİZGÜL R., KAPLAN M., YILMAZ S.
II. International Conference on Sustainable Development, Skopje, Macedonia, 19 - 23 October 2016, pp.1
- X. **The effect of different sewage sludge doses treatments on heavy metal accumulation in soil and sorghum plant**
KAPLAN M., TEMİZGÜL R.
II. International Conference on Sustainable Development, Skopje, Macedonia, 19 - 23 October 2016, pp.2
- XI. **Variation of antioxidant enzyme activity of sorghum Sudan grass under salt stress**
KAPLAN M., TEMİZGÜL R., Kökten K., YILMAZ S.
CURRENT TRENDS IN NATURAL SCIENCES Scientific Symposium, Pitești, Romania, 21 - 22 April 2016, vol.1, no.1, pp.1
- XII. **Antioxidant enzyme response of sweet sorghum under salt stress**
YILMAZ S., TEMİZGÜL R., KAPLAN M., Yürürdurmaz C.
CURRENT TRENDS IN NATURAL SCIENCES Scientific Symposium, Pitești, Romania, 21 - 22 April 2016, vol.1, no.1, pp.2
- XIII. **Effects of salt concentrations on antioxidant enzyme activity of grain sorghum**
Temizgül R., Kaplan M., Kara R., Yılmaz S.
Scientific Symposium CURRENT TRENDS IN NATURAL SCIENCES, Pitești, Romania, 21 - 22 April 2016, pp.1
- XIV. **Evaluating molasses broth for producing *Bacillus thuringiensis* strains**
AYVAZ A., ÇÖMLEKÇİ E., YILMAZ S., AZİZOĞLU U., Ünalmiş S., Atçıyurt Z. B., KARABORKLU S., TEMİZGÜL R.
5th International Participated Entomopathogens and Microbial Control Congress, Ankara, Turkey, 9 - 11 September 2015, pp.63
- XV. **Chitinase gene screening for native *Bacillus* spp., isolates**
YILMAZ S., Atçıyurt Z. B., AYVAZ A., AZİZOĞLU U., KARABORKLU S., TEMİZGÜL R., ÇÖMLEKÇİ E., Ünalmiş S.
5th International Participated Entomopathogens and Microbial Control Congress, Ankara, Turkey, 9 - 11 September 2015, pp.70
- XVI. **Biocontrol potential of native *Bacillus thuringiensis* strains against *Culex pipiens* (Diptera:Culicidae)**
AZİZOĞLU U., AYVAZ A., YILMAZ S., KARABORKLU S., TEMİZGÜL R., Atçıyurt Z. B., ÇÖMLEKÇİ E.
5th International Participated Entomopathogens and Microbial Control Congress, Ankara, Turkey, 9 - 11 September 2015, pp.64
- XVII. **Kara Nohutta (*Cicer arietinum* L.) Ekim Zamanının Ot, Tane ve Kes Verimi ile Kalite Özelliklerine Etkisi**
KAPLAN M., Kokten K., Yılmaz Ş. H., Arslan M., TEMİZGÜL R., Bozkurt S., Kale H.
11. Tarla Bitkileri Kongresi, Çanakkale, Turkey, 7 - 10 September 2015, vol.1, no.1, pp.1-5
- XVIII. **Determination of nutrient composition of haulms of potatoes (*Solanum tuberosum* L.) varieties**
KAPLAN M., UZUN S., varhan oral e., ÖZAKTAN H., TEMİZGÜL R.
50 croatian 10 international symposium on agriculture, Opatija/Zagreb, Croatia, 16 - 20 February 2015, pp.162
- XIX. **Selenium fertilization and accumulation in Kral 97 barley (*Hordeum vulgare* L.) cultivar**
YILMAZ S., İlbaş A. I., AYVAZ A., TEMİZGÜL R., AZİZOĞLU U.
50th Croatian & 10th International Symposium on Agriculture, Opatija, Croatia, 16 - 20 February 2015, pp.185

- XX. **Controlling *Plodia interpunctella* (Hübner) (Lepidoptera: Pyralidae) With Recombinant Cry1a Protein**
YILMAZ S., AZİZOĞLU U., KARABÖRKLÜ S., AYVAZ A., Temizgül R., AKBULUT M.
International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 - 12 December 2014, pp.211
- XXI. **Analysis Of Genetic Diversity In Turkey Originated Local Wheat Populations**
TEMİZGÜL R., AKBULUT M., AZİZOĞLU U., KAPLAN M., YILMAZ S., AYVAZ A.
International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 September - 12 December 2014, pp.97
- XXII. **Cloning And Expression Of Cry2a Gene From *Bacillus Thuringiensis* Sy49-1 Strain And Its Toxicity On *Culex Pipiens* (Diptera) Larvae**
AYVAZ A., AZİZOĞLU U., YILMAZ S., karabörklü s., TEMİZGÜL R., AKBULUT M.
3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014, pp.209
- XXIII. **Gluten Allele Frequencies And Glu-1 Quality Scores In Local Wheat Populations Originated From Turkey**
AKBULUT M., TEMİZGÜL R., AZİZOĞLU U., YILMAZ S., AYVAZ A., KAPLAN M.
3rd International Congress of the Molecular Biology Association of Turkey, İZMİR, TÜRKİYE, 10-12 Eylül 2014, pp.95-95, İzmir, Turkey, 10 - 12 September 2014, pp.95
- XXIV. **Hmw Guluten Polymorphism In Turkey Originated Local Wheat Populations**
Temizgül R., AKBULUT M., Azizoğlu U., YILMAZ S., KAPLAN M., AYVAZ A.
3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014, pp.98
- XXV. **Cry Gene Frequency Of Native *Bacillus Thuringiensis* Isolates**
YILMAZ S., AZİZOĞLU U., TEMİZGÜL R., AYVAZ A., karabörklü s., AKBULUT M., eröz r.
Uluslararası Katılımlı Ulusal Biyosidal kongresi, Antalya, Turkey, 19 - 22 March 2014, pp.17
- XXVI. **Çam Kesirtirli *Thaumatococcus pinnatifidus* (Den. & Schiff.) Larvalarının Yerel *Bacillus thuringiensis* İzolatlarıyla Mücadelesi**
YILMAZ S., karabörklü s., azizoğlu u., AYVAZ A., AKBULUT M., tekin s., TEMİZGÜL R.
Türkiye IV. Bitki Koruma Kongresi, Kahramanmaraş, Turkey, 1 - 04 June 2011, pp.140
- XXVII. **Determination of lepidopteran specific cry genes of *Bacillus thuringiensis* isolates obtained from soils and flour mills and investigation of their toxicity on stored product moths**
YILMAZ S., nurettin d., AZİZOĞLU U., TEMİZGÜL R., KARABÖRKLÜ S., AKBULUT M., AYVAZ A.
Second international participated entomopathogen and microbial control symposium, 22 - 24 September 2009, pp.38-39
- XXVIII. **PCR based identification of insecticidal crystal genes of *Bacillus thuringiensis* isolated from Adana.**
azizoğlu u., YILMAZ S., AYVAZ A., karabörklü s., AKBULUT M., TEMİZGÜL R.
International Workshop on Urbanisation, Land Use, Land Degradation and Environment,, Turkey, 1 - 04 September 2009, pp.38
- XXIX. **Arsenite-Induced Oxidative Stress and Biological Response of Watercress (*Nasturtium officinale* R. Br.).**
DUMAN F., TEMİZGÜL R., ÖZTÜRK F.
International Conference on Plant & Environmental Pollution, Turkey, 1 - 04 July 2009, pp.5
- XXX. **Nohut Bitkisinde (*Cicer arietinum*) *Agrobacterium* Aracılığıyla Gen Transferi**
TEMİZGÜL R., AKBULUT M., Öktem H. A.
18. Ulusal Biyoloji Kongresi, Aydın, Turkey, 1 - 04 June 2006, pp.1

Supported Projects

TEMİZGÜL S., TEMİZGÜL R., DALDA ŞEKERCİ A., YILMAZ S., TUBITAK Project, Kombucha Mikrobiyomun Bitki Gelişimi

Üzerine Etkilerinin Belirlenmesi ve Tarımda Mikrobiyal Gübre Olarak Kullanım Potansiyelinin Araştırılması, 2024 - 2025
Dalda Şekerci A., Temizgül R., Yılmaz S., Temizgül S., TUBITAK Project, Kombucha Mikrobiyomun Bitki Gelişimi Üzerine Etkilerinin Belirlenmesi Ve Tarımda Mikrobiyal Gübre Olarak Kullanım Potansiyelinin Araştırılması, 2024 - 2024
TEMİZGÜL R., KARA R., YILMAZ S., KAPLAN M., Project Supported by Higher Education Institutions, Türkiye yerel kavuzlu buğday genotiplerinin morfolojik kimyasal ve moleküler karakterizasyonu, 2015 - 2023
YILMAZ S., TEMİZGÜL R., TUBITAK Project, Antimikrobiyal ve böcek öldürücü protein kodlayan genlerin bulunduğu Bacillus thuringiensis SY49.1 susunun mega plazmid dizilerinin belirlenmesi ve haritalanması, 2019 - 2020
KAPLAN M., TEMİZGÜL R., YILMAZ S., MRGHNI AHMED A., AKAR T., YILMAZ M. F., Project Supported by Higher Education Institutions, Türkiye Yerel Sorgum (Sorghum bicolor L) Genotiplerinin Morfolojik Kimyasal ve Moleküler Karakterizasyonu, 2015 - 2017
Temizgül R., Kaplan M., Yılmaz S., Akar T., Yılmaz M. F., Mrghni Ahmed A., TUBITAK Project, Türkiye Yerel Sorgum (Sorghum bicolor L) Genotiplerinin Morfolojik Kimyasal ve Moleküler Karakterizasyonu, 2014 - 2017
KAPLAN M., YILDIZ D., TEMİZGÜL R., Project Supported by Higher Education Institutions, Farklı Selenyum Dozlarının Sorgum Bitkisinin Tane Verim ve Kalite Üzerine Etkisi, 2015 - 2016
KAPLAN M., KÖKTEN K., YILMAZ S., TEMİZGÜL R., KARAMAN K., Project Supported by Higher Education Institutions, Yerel Sorgum (Sorghum bicolor L) popülasyonlarının aminoasit, toplam fenolik madde miktarı ve antioksidan aktivitelerin belirlenmesi, 2014 - 2016
KAPLAN M., YILMAZ S., TEMİZGÜL R., GÖKALP Z., Project Supported by Higher Education Institutions, Tuz stresinin sorgum hat ve çeşitlerin antioksidan enzim aktivitesi üzerine etkileri, 2014 - 2016
KAPLAN M., TEMİZGÜL R., YILMAZ H. Ş., YILMAZ S., Project Supported by Higher Education Institutions, BAZI AĞIR METAL UYGULAMALARININ SORGUM (Sorghum bicolor L.) BİTKİSİNİN ENZİM AKTİVİTESİ ÜZERİNE ETKİSİ, 2013 - 2016
AKBULUT M., TEMİZGÜL R., Project Supported by Higher Education Institutions, Bazı Yerel Buğday Çeşitlerinde Glutenin Geni Polimorfizminin Belirlenmesi, 2011 - 2015
TEMİZGÜL R., Project Supported by Other Official Institutions, Yerel Bacillus Thuringiensis Suşlarına Ait Dipter Ve Lepidopter Zararlılarına Yönelik Cry1 Ve Cry2 Genlerine Ait Toksin Prototiplerinin Üretilmesi", Diğer Kurumlarca Desteklenen, Arastirmaci,, 2013 - 2014
YILMAZ S., AZİZOĞLU U., TEMİZGÜL R., AKBULUT M., AYVAZ A., GÜLŞEN O., GÜRCAN K., Karabörklü S., Project Supported by Higher Education Institutions, Etkili Yerel Bacillus thuringiensis Suşlarına Ait cry Genlerinin Klonlanması, İfade Ettirilmesi ve Çeşitli Zararlı Böcekler Üzerine Etkinliklerinin Araştırılması, 2011 - 2014
AKBULUT M., TEMİZGÜL R., Project Supported by Higher Education Institutions, NOHUT BİTKİSİNDE (CİCER ARİETİNUM L.) AGROBACTERİUM TEMELLİ GEN TRANSFER METODLARININ OPTİMİZASYONU, 2006 - 2007

Memberships / Tasks in Scientific Organizations

The Society of Chemical Industry, Member, 2014 - Continues, Turkey

Scientific Refereeing

TÜRK TARIM - GIDA BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, May 2022
TUBITAK Project, 4004 - Nature Education and Science Schools, Erciyes University, Turkey, May 2022
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NEUROLOGICAL SCIENCES AND NEUROPHYSIOLOGY, SCI Journal, February 2022
EPILEPSIA, SCI Journal, June 2021

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Erciyes University, Turkey, May 2021

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Erciyes University, Turkey, May 2021

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TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Erciyes University, Turkey, May 2020

TUBITAK Project, 4004 - Nature Education and Science Schools, Erciyes University, Turkey, February 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Erciyes University, Turkey, September 2019

TUBITAK Project, 4004 - Nature Education and Science Schools, Erciyes University, Turkey, June 2019

TUBITAK Project, 4004 - Nature Education and Science Schools, Erciyes University, Turkey, December 2018

Annual Research & Review in Biology, SCI Journal, October 2016

Journal of Boren, National Scientific Refreed Journal, August 2016

Journal of Boren, National Scientific Refreed Journal, February 2016

Archives of Biological Sciences, SCI Journal, April 2015

Biocontrol Science & Technology, SCI Journal, November 2014

Scientific Consultations

Detagen Genetik Tanı Araştırma ve Uygulama Merkezi A.Ş., Project Consultancy, Erciyes University, Fen Fakültesi, Biyoloji, Turkey, 2021 - Continues

Sofra Değirmencilik A.Ş., Scientific Consultancy, Erciyes University, Fen Fakültesi, Biyoloji, Turkey, 2017 - Continues

Argea Teknoloji Sanayi Ticaret A.Ş., Scientific Consultancy, Erciyes University, Fen Fakültesi, Biyoloji, Turkey, 2016 - Continues

Biotafarma A.Ş., Scientific Consultancy, Erciyes University, Fen Fakültesi, Biyoloji, Turkey, 2019 - 2021

Scientific Research / Working Group Memberships

The Society of Chemical Industry, The Society of Chemical Industry, England, <http://www.soci.org>, 2014 - Continues

Metrics

Publication: 58

Citation (WoS): 238

Citation (Scopus): 277

H-Index (WoS): 8

H-Index (Scopus): 9

Congress and Symposium Activities

EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Attendee, Trabzon, Turkey, 2020

Current Trends in Natural Sciences, Attendee, Pitesti, Romania, 2019

2nd International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, İzmir, Turkey, 2018

International Conference on Engineering Technology and Innovation, Attendee, Budapest, Hungary, 2018

International Conference on Engineering Technology and Innovation, Attendee, Budapest, Hungary, 2018

Ecology, Attendee, Kayseri, Turkey, 2017

ECOLOGY, Attendee, Kayseri, Turkey, 2017

THE 3RD INTERNATIONAL SYMPOSIUM ON EUROASIAN BIODIVERSITY, Attendee, Minsk, Belarus, 2017

International Symposium on Biodiversity and Edible Wild Species, Attendee, Antalya, Turkey, 2017

II. International conference on sustainable development, Attendee, Skopje, Macedonia, 2016

41st FEBS Congress, Attendee, –Seçiniz–, Turkey, 2016

Current trends in natural science, Attendee, Pitesti, Romania, 2016

5th International Participated Entomopathogens and Microbial Control Congress, Attendee, Ankara, Turkey, 2015

11. Tarla Bitkileri Kongresi, Attendee, Çanakkale, Turkey, 2015

50th Croatian and 10rd International symposium on Agriculture, Attendee, Zagreb, Croatia, 2015

Animal Immunogenetic and Molecular Immunology, Attendee, KAYSERİ, Turkey, 2014

3rd International Congress of the Molecular Biology Association of Turkey, Attendee, İZMİR, Turkey, 2014

Uluslararası Katılımlı Ulusal Biyosidal kongresi, Attendee, ANTALYA, Turkey, 2014

Türkiye IV. Bitki Koruma Kongresi, Attendee, kahrmanmaraş, Turkey, 2011

International Workshop on Urbanisation, Land Use, Land Degradation and Environment, Attendee, Denizli, Turkey, 2009

II International Participated Entomopathogen and Microbial Control Symposium, Attendee, Muğla, Turkey, 2009

International Conference on Plants and Environmental Pollution, Attendee, Kayseri, Turkey, 2009

18. Ulusal Biyoloji Kongresi, Attendee, Aydın, Turkey, 2006