

Prof. ÇİMEN ATAK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-2343-2019

ScopusID: 16030554700

Yoksis Researcher ID: 6653

Education Information

Doctorate, Ege University, Ziraat Fakültesi, Turkey 1975 - 1980

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1970 - 1974

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, "Pancarda Kolhisin Yardımıyla Poliploid Elde Etme Yolları ve Poliploid Hatların Redüksiyon Bölünmesi Üzerine Araştırmalar, Ege University, Ziraat Fakültesi, 1980

Research Areas

Tissue and Organ Culture, Molecular Genetics, Plant Breeding and Genetics

Academic Titles / Tasks

Professor, Halic University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2000 - 2006

Professor, Istanbul University, Fen Fakültesi, Biyoloji Bölümü, 1998 - 2000

Associate Professor, Istanbul University, Fen Fakültesi, Biyoloji Bölümü, 1992 - 1998

Assistant Professor, Istanbul University, Fen Fakültesi, Biyoloji Bölümü, 1989 - 1992

Assistant Professor, Gazi University, Fen Fakültesi, Biyoloji Bölümü, 1987 - 1989

Academic and Administrative Experience

Istanbul Kultur University, 2019 - 2023

Istanbul Kultur University, 2018 - 2019
Istanbul Kultur University, 2012 - 2015
Istanbul Kultur University, 2009 - 2012
Halic University, 2001 - 2006
Istanbul University, 1994 - 1997

Courses

BİTKİ DOKU KÜLTÜRÜ VE UYGULAMALARI, Postgraduate, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2013 - 2014
Genel Biyoloji I Lab., Undergraduate, 2022 - 2023
Genel Biyoloji I, 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
Radyobiyoloj, Undergraduate, 2022 - 2023
BİTKİLERDE İN VİTRO MUTASYON, Postgraduate, 2022 - 2023, 2018 - 2019, 2017 - 2018, 2013 - 2014
Hücre Moleküler Biyolojisi I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Hücre Moleküler Biyolojisi II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Hücre Biyolojisi, 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
BİTİRME PROJESİ II, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
BİTKİ DOKU KÜLTÜRÜ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Bitirme Projesi I, 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
Bitkilerde in virto mutasyon, Postgraduate, 2021 - 2022
Genel Biyoloji1 Lab., Undergraduate, 2021 - 2022
Radyobiyoloji, Undergraduate, 2021 - 2022
BİTKİLERDE İN VİTRO MUTASYONLAR, Postgraduate, 2020 - 2021
BİTİRME PEORJESİ II, Undergraduate, 2020 - 2021
RADYOBİYOLOJİ II, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Radyobiyoloji I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
MOLEKÜLER RADYOBİYOLOJİ, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016
Genel Biyoloji Lab. I, Undergraduate, 2019 - 2020
GENEL BİYOLOJİ I LABORATUVARI, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
BİTKİ İSLAHI VE MUTASYONLAR, Postgraduate, 2018 - 2019, 2017 - 2018
ARAŞTIRMA PROJESİ II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011
ARAŞTIRMA PROJESİ I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011
TARIMSAL BİYOTEKNOLOJİDEKİ GELİŞMELER, Postgraduate, 2013 - 2014
BİTKİ DOKU KÜLTÜRÜ, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003
GENEL BİYOLOJİ II, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001
GENEL BİYOLOJİ II LABORATUVARI, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001
Genel Biyoloji I, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2000 - 2001

Advising Theses

- Atak Ç., NFYA5 Transkripsiyon Faktörünün Mutant Soya Bitkilerinde (*Glycine max* [L] Merr) Kuraklık Stresi Üzerine Etkisi, Postgraduate, T.Aydın(Student), Continues
- ÇİMEN A., Soya fasulyesinde (*Glycine max* (L.) Merrill) dreb transkripsiyon faktörü ve kuraklık stresi, Postgraduate, E.EŞİYOK(Student), 2023
- ÇİMEN A., Mutant Soya Bitkilerinin Tuzluluk Stresine Cevapları, Postgraduate, T.HAZAL(Student), 2023
- ÇİMEN A., Mutant çeltiklerde (*Oryza sativa*) tuzluluğa tolerans ile ilgili miRNA'ların belirlenmesi, Postgraduate, B.İMECE(Student), 2021
- ÇİMEN A., İn vitro tekniklerde haploid şeker pancarı (*beta vulgaris* L.) bitkisinin eldesi ve somatik mutasyonların oluşturulmasında gama radyasyonunun kullanılması, Doctorate, S.ALİKAMANOĞLU(Student), 1999
- ÇİMEN A., Soya fasulyesinin (*glycine max*. (L.) merrill) atrazine mukavim mutantlarının gama radyasyonu ile teşvik edilmesi, Postgraduate, Y.CANBOLAT(Student), 1999
- ÇİMEN A., Soya (*Glycine max* L. Merrill) doku kültürüne gama radyasyonunun etkisi, Postgraduate, S.ALİKAMANOĞLU(Student), 1993
- ÇİMEN A., Gama radyasyonunun soya bitkisi üzerindeki etkileri, Postgraduate, F.SEVİL(Student), 1992
- ÇİMEN A., Gamma radyasyonunun farklı ploidi seviyesindeki buğdaylara etkisi, Postgraduate, G.ÜNLÜ(Student), 1989

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of Tos17 LTR retrotransposon movements in rice (*Oryza sativa* L.) under nickel and boron stress**
MERİÇ S., AYAN A., Gunduz B., Ozpirincci C., Celik O., ATAK Ç.
CEREAL RESEARCH COMMUNICATIONS, 2024 (SCI-Expanded)
- II. **Physiological characterization and assessment of genetic variability, yield, and quality properties of gamma-ray-induced salinity tolerant soybean (*Glycine max* (L.) Merrill) mutants**
Atak C., Celik O., Gumus T., Meric S., Ayan A., Erdogmus M.
JOURNAL OF APPLIED BOTANY AND FOOD QUALITY, 2024 (SCI-Expanded)
- III. **Profile-based proteomic investigation of unintended effects on transgenic and gamma radiation induced mutant soybean plants**
MERİÇ S., AYAN A., ATAK Ç., ARI Ş.
GENETIC RESOURCES AND CROP EVOLUTION, vol.70, no.7, pp.2077-2095, 2023 (SCI-Expanded)
- IV. **Comparison of tolerance related proteomic profiles of two drought tolerant tomato mutants improved by gamma radiation**
Celik O., AYAN A., MERİÇ S., Atak C.
JOURNAL OF BIOTECHNOLOGY, vol.330, pp.35-44, 2021 (SCI-Expanded)
- V. **Raman Spectroscopic and Chemometric Investigation of Lipid-Protein Ratio Contents of Soybean Mutants**
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAK Ç., YILMAZ A., Kabuk H. N., Kaygisiz E., AYAN A., MERİÇ S., Fausto R.
APPLIED SPECTROSCOPY, vol.74, no.1, pp.34-41, 2020 (SCI-Expanded)
- VI. **Epigenetic analysis of *WRKY* transcription factor genes in salt stressed rice (*Oryza sativa* L.) plants**
ÇELİK Ö., MERİÇ S., AYAN A., ATAK Ç.
ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.159, pp.121-131, 2019 (SCI-Expanded)
- VII. **Identification of the antioxidant defense genes which may provide enhanced salt tolerance in *Oryza sativa* L.**
ÇELİK Ö., KELLEÇİ ÇAKIR B., ATAK Ç.
PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS, vol.25, no.1, pp.85-99, 2019 (SCI-Expanded)
- VIII. **Comparative Transcriptional Profiling of Soybean Orthologs of Arabidopsis Trichome Developmental Genes under Salt Stress**

ÇELİK Ö., ATAK Ç., SULUDERE Z.

PLANT MOLECULAR BIOLOGY REPORTER, vol.36, no.1, pp.82-93, 2018 (SCI-Expanded)

- IX. **Enzymatic and non-enzymatic comparison of two different industrial tomato (*Solanum lycopersicum*) varieties against drought stress**
ÇELİK Ö., AYAN A., ATAK Ç.
BOTANICAL STUDIES, vol.58, 2017 (SCI-Expanded)
- X. **FTIR and EDXRF investigations of salt tolerant soybean mutants**
AKYÜZ S., Akyuz T., ÇELİK Ö., ATAK Ç.
JOURNAL OF MOLECULAR STRUCTURE, vol.1044, pp.67-71, 2013 (SCI-Expanded)
- XI. **Evaluation of proline accumulation and Δ 1-pyrroline-5-carboxylate synthetase (P5CS) gene expression during salinity stress in two soybean (*Glycine max* L. Merr.) varieties**
ÇELİK Ö., ATAK Ç.
Polish Journal of Environmental Studies, vol.21, no.3, pp.559-564, 2012 (SCI-Expanded)
- XII. **The effect of salt stress on antioxidative enzymes and proline content of two Turkish tobacco varieties**
ÇELİK Ö., ATAK Ç.
TURKISH JOURNAL OF BIOLOGY, vol.36, no.3, pp.339-356, 2012 (SCI-Expanded)
- XIII. **Evaluation of Proline Accumulation and Δ 1-pyrroline-5-carboxylate Synthetase (*P5CS*) Gene Expression during Salinity Stress in Two Soybean (*Glycine max* L. Merr.) Varieties**
ÇELİK Ö., ATAK Ç.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, no.3, pp.559-564, 2012 (SCI-Expanded)
- XIV. **GENETIC ANALYSIS OF *RHODODENDRON* MUTANTS USING RANDOM AMPLIFIED POLYMORPHIC DNA (RAPD)**
ATAK Ç., ÇELİK Ö., AÇIK L.
PAKISTAN JOURNAL OF BOTANY, no.2, pp.1173-1182, 2011 (SCI-Expanded)
- XV. **MICROPROPAGATION OF *ANTHURIUM ANDRAEANUM* FROM LEAF EXPLANTS**
ATAK Ç., Celik O.
PAKISTAN JOURNAL OF BOTANY, no.3, pp.1155-1161, 2009 (SCI-Expanded)
- XVI. **Effects of magnetic field on activity of superoxide dismutase and catalase in *Glycine max* (L.) Merr. roots**
ÇELİK Ö., Büyüksulu N., ATAK Ç., Rzakoulieva A.
Polish Journal of Environmental Studies, vol.18, no.2, pp.175-182, 2009 (SCI-Expanded)
- XVII. **In Vitro and In Vivo Investigation of Salt Tolerance in Two Oriental Tobacco (*Nicotiana tabacum* L.) Species.**
Celik O., ATAK Ç.
IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMAL, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **CRISPR-Of-Things: Applications and Challenges of the Most Popular Gene Editing Tool in the Fields of Health, Agriculture and Environment**
TAŞTAN C., YAŞAR S., TANYOLAÇ M. B., ŞİRELİ U. T., ATAK Ç., HALİLOĞLU K., BENLİOĞLU K., TAŞKIN K. M., BARLAS N., YILDIZ G.
International Journal of Innovative Approaches in Science Research, vol.4, no.4, pp.153-190, 2020 (Peer-Reviewed Journal)
- II. **Response of soybean plants to gamma radiation: Biochemical analyses and expression patterns of trichome development**
ÇELİK Ö., ATAK Ç., Suludere Z.
Plant OMICS, vol.7, no.5, pp.382-391, 2014 (Scopus)

Books & Book Chapters

- I. **Stress Memory and Priming Applications in Plants: Potential for Breeders**
Gümüş T., Aydın T., Gündüz B., Meriç S., Ayan A., Atak Ç.
in: Recent Trends in Plant Breeding and Genetic Improvement, Mohamed A. El-Esawi, Editor, IntechOpen, London, pp.71-94, 2023
- II. **Transgenic Plants in Heat Stress Adaptation: Present Achievements and Prospects**
Ayan A., Meriç S., Gümüş T., Atak Ç.
in: Abiotic Stress in Plants - Adaptations to Climate Change, Manuel Oliveira, Anabela A. Fernandes Silva, Editor, IntechOpen, London, pp.123-153, 2023
- III. **Plant Abiotic Stress Factors – Current Challenges of Last Decades and Future Threats**
Gümüş T., Meriç S., Ayan A., Atak Ç.
in: Plant Abiotic Stress Responses and Tolerance Mechanisms, Saddam Hussain, Editor, IntechOpen, London, pp.1-27, 2023
- IV. **Current Strategies and Future of Mutation Breeding in Soybean Improvement**
Ayan A., Meriç S., Gümüş T., Atak Ç.
in: Soybean - Recent Advances in Research and Applications, Takuji Ohshima, Editor, IntechOpen, London, pp.137-158, 2022
- V. **Next Generation of Transgenic Plants: From Farming to Pharming**
Atak Ç., Ayan A., Meriç S., Gümüş T.
in: Genetically Modified Plants and Beyond, Idah Sithole Niang, Editor, IntechOpen, London, pp.49-81, 2022
- VI. **Heavy Metal Stress-Responsive Phyto-miRNAs**
Çelik Ö., Ayan A., Meriç S., Atak Ç.
in: Cellular and Molecular Phytotoxicity of Heavy Metals, Mohammad Faisal, Quaiser Saquib, Abdulrahman A. Alatar, Abdulaziz A. Al-Khedhairy, Editor, Springer Nature, Berlin, pp.137-155, 2021
- VII. **Molecular Abiotic Stress Tolerant Strategies: From Genetic Engineering to Genome Editing Era**
Ayan A., Meriç S., Atak Ç.
in: Abiotic Stress in Plants, Shah Fahad, Editor, IntechOpen, London, pp.91-126, 2020
- VIII. **Heavy Metal Stress-Responsive PhytomiRNAs, Cellular and Molecular Phytotoxicity of Heavy Metals**
ÇELİK Ö., AYAN A., MERİÇ S., ATAK Ç.
in: Cellular and Molecular Phytotoxicity of Heavy Metals, Faisal Mohammad, Saquib Quaiser, Alatar Abdulrahman A., Al-Khedhairy Abdulaziz A., Editor, Springer, Cham, pp.137-155, 2020
- IX. **Biotic stress-tolerant plants through small RNA technology**
Çelik Ö., Meriç S., Ayan A., Atak Ç.
in: Plant Small RNA: Biogenesis, Regulation and Application, Praveen Guleria, Vineet Kumar, Editor, Academic Press, Massachusetts, pp.435-468, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Expression Analysis of Salinity-associated miRNAs in Gamma-induced Salinity Tolerant Rice (*Oryza sativa*) Mutants**
İMECE B., GÜMÜŞ T., MERİÇ S., AYAN A., ATAK Ç.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-13, 2023. www.EurasianBioChem.org, Turkey, 11 October 2023
- II. **Proteomic Evaluation of Multiple Abiotic Stress Tolerant Soybean Mutants**
AYAN A., MERİÇ S., GÜMÜŞ T., ÇELİK Ö., ATAK Ç.
V. BALKAN AGRICULTURAL CONGRESS, Edirne, Turkey, 20 - 22 September 2023
- III. **RNA Sequencing Analysis of Salt and Drought Tolerance in Gamma-induced Soybean (*Glycine max* L. Merr.) Mutants**
AYAN A., MERİÇ S., GÜMÜŞ T., ÇELİK Ö., ATAK Ç.

IV. Balkan Agricultural Congress, Edirne, Turkey, 31 August - 02 September 2022, pp.283

- IV. **Induction of Hairy Root Cultures of *Calendula Officinalis* L. by *Agrobacterium rhizogenes* Mediated Genetic Transformation and Production of Secondary Metabolites.**
AYDIN T., MERİÇ S., GÜMÜŞ T., AYAN A., ATAK Ç.
Third International Green Biotechnology Congress, SARAYBOSNA, Bosnia And Herzegovina, 30 September 2022
- V. **Induction of Hairy Root Cultures of *Calendula Officinalis* L. by *Agrobacterium rhizogenes* Mediated Genetic Transformation and Production of Secondary Metabolites**
AYDIN T., MERİÇ S., GÜMÜŞ T., AYAN A., ATAK Ç.
III. International Green Biotechnology Congress-, Sarajevo, Bosnia And Herzegovina, 30 September - 02 October 2021, pp.41
- VI. **Induction of Hairy Root Cultures of *Calendula Officinalis* L. by *Agrobacterium rhizogenes* Mediated Genetic Transformation and Production of Secondary Metabolites**
MERİÇ S., GÜMÜŞ T., AYAN A., ATAK Ç.
Third International Green Biotechnology Congress 2021, Sarajevo, Bosnia And Herzegovina, 30 September - 02 October 2021
- VII. **Conformational Analysis and Photochemistry of 2-Chloro-6-fluorobenzoic Acid Monomers in Solid Xenon**
ÖĞRÜÇ İLDİZ G., Rui F., BAYARI S., ÇELİK Ö., ATAK Ç., Kaygisiz E., Kabuk H. N., AYAN A., MERİÇ S., YAVUZ G., et al.
EastWest Chemistry Conference (EWCC), Palermo, Italy, 13 - 15 November 2019
- VIII. **Vibrational Spectroscopy as a Tool to Diagnose Psychiatric and Neurodevelopmental Disorders, Through Chemometrics Analysis of Spectral Data of Blood Plasma Samples**
ÖĞRÜÇ İLDİZ G., Rui F., BAYARI S., ÇELİK Ö., ATAK Ç., Kaygisiz E., Kabuk H. N., AYAN A., MERİÇ S., YAVUZ G., et al.
EastWest Chemistry Conference (EWCC), Palermo, Italy, 13 - 15 November 2019
- IX. **ROS Scavenging Differences of Tomato Cultivars Under Salt Stress,**
GÜMÜŞ T., ÇELİK Ö., AYAN A., MERİÇ S., ATAK Ç., GÜMÜŞ T.
II. International Green Biotechnology Congress, 9 - 11 September 2019
- X. **RAPD Analysis of Salinity and Drought Tolerant Soybean (*Glycine max* (L.) Merr) Mutants Generated by Gamma Radiation**
ATAK Ç., ÇELİK Ö., AYAN A., ERDOĞMUŞ M.
II. International Green Biotechnology Congress, 9 - 11 September 2019
- XI. **Optimization of Tissue Culture Media Inducing Essential Oil Production of Levander (*Lavandula angustifolia*)**
MERİÇ S., AYAN A., ATAK Ç.
II. International Green Biotechnology Congress, 9 - 11 September 2019
- XII. **ROS Scavenging Differences of Tomato Cultivars Under Salt Stress**
GÜMÜŞ T., ÇELİK Ö., AYAN A., MERİÇ S., ATAK Ç.
II. International Green Biotechnology Congress-, İstanbul, Turkey, 9 - 11 September 2019
- XIII. **Composition Analysis of Soybean Salt-Resistant Mutants by Raman Spectroscopy and Chemometrics**
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAK Ç., YILMAZ A., Kabuk H. N., Kaygisiz E., AYAN A., MERİÇ S., Fausto R.
Analytical and Bionalytical Methods Conference, San-Francisco, Costa Rica, 29 April - 01 May 2019
- XIV. **Lipid/Protein Ratio Contents of Soybean Mutants: A Raman Spectroscopic and Chemometrics Investigation**
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAK Ç., YILMAZ A., Kabuk H., Kaygisiz E., AYAN A., MERİÇ S., Rui F.
XXXIV EUROPEAN CONGRESS ON MOLECULAR SPECTROSCOPY, Coimbra, Portugal, 19 - 24 August 2018
- XV. **Inducing salt tolerance in rice (*Oryza sativa* L.) varieties by gamma radiation**
AYAN A., ÇELİK Ö., MERİÇ S., ATAK Ç.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017
- XVI. **Magnetic field induced production of anti-cancer agent vincristine from Madagascar Periwinkle (*Catharanthus roseus*) plant**
ÇELİK Ö., MERİÇ S., AYAN A., Tas M., Avcilar C., ATAK Ç.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017

- XVII. **Investigation of Tos-17 transposon mobility in salt stressed rice (*Oryza sativa* L.) plants by IRAP method**
MERİÇ S., ÇELİK Ö., AYAN A., Gunduz B., ATAK Ç.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017
- XVIII. **Two-dimensional protein profiles of drought tolerant tomato (*Solanum lycopersicum*) mutants improved by gamma radiation**
AYAN A., ÇELİK Ö., MERİÇ S., Topcuoglu B., ATAK Ç.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017
- XIX. **Differential regulation of antioxidative gene expressions in response to salt stress in rice**
ATAK Ç., Bilgin C. Ç., ÇELİK Ö.
International Congress on Transcriptomics, 27 - 29 July 2015
- XX. **Antioxidative defense system differences to drought stress of tomato cultivars**
AYAN A., ÇELİK Ö., ATAK Ç.
European Biotechnology Congress, Lecce, Italy, 15 - 18 May 2014
- XXI. **Molecular marker analysis of salt tolerant soybean mutants**
bilgin c. ç., ÇELİK Ö., ATAK Ç.
In Vitro Cellular&Developmental Biology-Animal, 15 - 17 June 2014
- XXII. **DETERMINING THE SALT SENSITIVITY OF OSMANCIK 97 AND MEVLUTBEY RICE *Oryza sativa* L VARIETIES**
ATAK Ç., AYAN A.
The First International Biology Congress in Kyrgyzstan, 24 - 27 September 2012, pp.171
- XXIII. **INDUCED MUTATION BY GAMMA RADIATION FOR SALT TOLERANCE IN RICE *Oryza sativa* L**
ATAK Ç., AYAN A.
The First International Biology Congress in Kyrgyzstan, 24 - 27 September 2012, pp.170-171

Metrics

Publication: 51

Citation (WoS): 189

Citation (Scopus): 253

H-Index (WoS): 7

H-Index (Scopus): 8

Non Academic Experience

Other Public Institution, T.A.E.K, ANATEM

Other Public Institution, Türkiye Şeker Fabrikaları AŞ, Ankara Şeker Enstitüsü, Bitki İslahı