Asst. Prof. TOLGA YILDIRIM

Personal Information

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International Researcher IDs
Publons / Web Of Science ResearcherID: C-4601-2016
Yoksis Researcher ID: 128262

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoloji, Turkey 2001 - 2005
Postgraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler, Turkey 1990 - 1992
Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler, Turkey 1985 - 1990

Foreign Languages

English, C1 Advanced

Research Areas

Life Sciences, Plant Biology, Plant Tissue Culture, Biotechnology, Plant Biotechnology, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Akdeniz University, Faculty of Science, Department of Biology, 2018 - Continues
Assistant Professor, Akdeniz University, Faculty of Science, Department of Biology, 2008 - 2018
Research Assistant, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler, 2001 - 2005
Research Assistant, Akdeniz University, Faculty of Science, Department of Biology, 1991 - 2001

Academic and Administrative Experience

Deputy Head of Department, Akdeniz University, Faculty Of Science, Department of Biology, 2020 - 2023
Akdeniz University, Faculty of Science, Biyoloji , 2011 - 2014
Akdeniz University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2008 - 2011

Courses

Meslek Bilgisi ve Laboratuvar Güvenliği, Undergraduate, 2023 - 2024, 2021 - 2022
Temel Biyoistatistik, Undergraduate, 2023 - 2024, 2022 - 2023
Mesleki Yabancı Dil I, Undergraduate, 2023 - 2024, 2021 - 2022
Temel Biyoistatistik Uygulama, Undergraduate, 2023 - 2024, 2022 - 2023
Bitki Doku Kültürü, Undergraduate, 2022 - 2023
Mesleki Yabancı Dil III, Undergraduate, 2022 - 2023, 2021 - 2022
Mesleki Yabancı Dil IV, Undergraduate, 2022 - 2023, 2021 - 2022
Mesleki Yabancı Dil II, Undergraduate, 2021 - 2022, 2020 - 2021
Bitki Doku Kültürü ve Uygulamaları, Postgraduate, 2018 - 2019
Bitirme Çalışması I, Undergraduate, 2018 - 2019
Bitki Biyoteknolojisi, Undergraduate, 2018 - 2019
Biyolojide Uygulamalı İstatistik, Postgraduate, 2018 - 2019
Plant Biotechnology, Undergraduate, 2018 - 2019
Bitirme Çalışması II, Undergraduate, 2018 - 2019

Advising Theses

YILDIRIM T., Direkt organogenesis yönteni ile çoğaltılan kızılçam'da (Pinus brutia Ten.) sürgün gelişiminin optimize edilmesi, Postgraduate, S.Alpkan(Student), 2013

Jury Memberships

Post Graduate, Yüksek Lisans Tez Jurisi, Akdeniz Üniversitesi, December, 2012
Post Graduate, Yüksek Lisans Sınav Jürisi, Akdeniz Üniversitesi, June, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Exploring the larvicidal and repellent potential of Taurus Cedar (Cedrus libani) tar against the brown dog tick (Rhipicephalus sanguineus sensu lato)**
Koç S., Gultekin Z. N., Kahraman S., Cengiz A., Polat B., Çalışkan C., Yıldırım T., Tufan Çetin Ö., Çetin H.
MOLECULES, vol.28, no.23, pp.1-12, 2023 (SCI-Expanded)

II. **Essential selection criteria for dual uses of red pea (Lathyrus cicera L.)**
ADAK A., ÇANCI H., Inci N., CEYLAN F. O., Sari D., SARI H., YILDIRIM T., TOKER Ç.
LEGUME RESEARCH, vol.42, no.1, pp.45-49, 2019 (SCI-Expanded)

III. **Inheritance of Rose-Flowered Mutation in Chickpea (Cicer arietinum L.)**
ÇANCI H., Ertoy Inci N., Ceylan Baloglu F. Ö., YILDIRIM T.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.23, no.2, pp.208-212, 2017 (SCI-Expanded)

IV. **Androgenic responses of 64 ornamental pepper (Capsicum annuum L.) genotypes to shed-microspore culture in the autumn season**
Ari E., Bedir H., Yildirim S., Yildirim T.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.3, pp.706-717, 2016 (SCI-Expanded)

V. **Comparison of different androgenesis protocols for doubled haploid plant production in ornamental pepper (Capsicum annuum L.)**
Ari E., Yildirim T., Mutlu N., Büyükalaca S., Gökmen U., Akman E.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.4, pp.944-954, 2016 (SCI-Expanded)

VI. **ADDITIONAL NOTE ON INHERITANCE OF FE-DEFICIENCY CHLOROSIS IN CHICKPEA (Cicer arietinum L.)**

ÇANCI H., Inci N. E., CEYLAN F. O., YILDIRIM T.
TURKISH JOURNAL OF FIELD CROPS, vol.20, no.2, pp.155-158, 2015 (SCI-Expanded)

VII. **INHERITANCE OF FEMALE STERILITY IN INDUCED Cicer SPECIES**
YILDIRIM T., ÇANCI H., Inci N. E., BALOGLU F. O. C., İKTEN C., TOKER C.
TURKISH JOURNAL OF FIELD CROPS, vol.18, no.1, pp.78-81, 2013 (SCI-Expanded)

VIII. **INHERITANCE OF LEAF SHAPE IN THE CULTIVATED CHICKPEA (Cicer arietinum L.)**
TOKER C., Ceylan F. O., Inci N. E., YILDIRIM T., ÇAĞIRGAN M. İ.
TURKISH JOURNAL OF FIELD CROPS, vol.17, no.1, pp.16-18, 2012 (SCI-Expanded)

IX. **INHERITANCE OF RESISTANCE TO IRON DEFICIENCY CHLOROSIS IN CHICKPEA (CICER ARIETINUM L.)**
TOKER C., YILDIRIM T., Canci H., Inci N., Ceylan F. O.
JOURNAL OF PLANT NUTRITION, vol.33, no.9, pp.1366-1373, 2010 (SCI-Expanded)

X. **Evaluation of perennial wild Cicer species for drought resistance**
Toker C., Çancı H., Yildirim T.
GENETIC RESOURCES AND CROP EVOLUTION, vol.54, no.8, pp.1781-1786, 2007 (SCI-Expanded)

XI. **Induction of embryogenic tissue and maturation of somatic embryos in Pinus brutia TEN**
Yildirim T., Kaya Z., Işık K.
PLANT CELL TISSUE AND ORGAN CULTURE, vol.87, no.1, pp.67-76, 2006 (SCI-Expanded)

XII. **Annual shoot growth components related to growth of Pinus brutia**
Işık F., Işık K., Yildirim T., Li B.
TREE PHYSIOLOGY, vol.22, no.1, pp.51-58, 2002 (SCI-Expanded)

Articles Published in Other Journals

I. **Assessment of leaf miner [Liriomyza cicerina Rond. (Diptera: Agromyzidae)] resistance in Cicer echinospermum P.H. Davis genotypes**
SARI H., SARI D., ADAK A., ÇANCI H., İKTEN C., ERLER F., YILDIRIM T., TOKER C., KAHRAMAN A.
Mediterranean Agricultural Sciences, vol.31, no.1, pp.1, 2018 (Peer-Reviewed Journal)

II. **Cicer echinospermum P.H. Davis genotiplerinde nohut yaprak galeri sineğine [Liriomyza cicerina Rond. (Diptera: Agromyzidae)] dayanıklılığın değerlendirilmesi**
SARI H., SARI D., Adak A., ÇANCI H., İKTEN C., ERLER F., YILDIRIM T., TOKER C., KAHRAMAN A.
Mediterranean Agricultural Sciences, vol.31, no.1, pp.71-75, 2018 (Peer-Reviewed Journal)

III. **Induction of embryogenic tissue from immature zygotic embryos in Pinus nigra subsp. Nigra var Caramanica (London) Businsky**
Özkurt Z., YILDIRIM T., Önde S., Kaya Z.
Turkish Journal of Botany, vol.32, no.3, pp.179-183, 2008 (Scopus)

IV. **Estimates of broad-sense heritability for yield and yield criteria in chickpeas (Cicer arietinum)**
Çancı H., YILDIRIM T., TOKER C.
Turkish Journal of Field Crops, vol.12, no.1, pp.1-7, 2007 (Peer-Reviewed Journal)

V. **Adventitious shoot regeneration from petioles with leaflets in potato (Solanum tuberosum)**
Şahin N. V., YILDIRIM T., Yıldırım Z.
Turkish Journal of Field Crops, vol.12, no.1, pp.21-25, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Bitkiler ve İnsanlar (Bölüm 2)**
YILDIRIM T., Gökçeoğlu M.
in: Bitki Biyolojisi, Kani Işık, Editor, Palme Yayıncılık, Ankara, pp.14-29, 2004

II. **Orman gen kaynakları koruma stratejileri ve Cedrus libani üzerinde bazı öneriler**

Işık K., YILDIRIM T.
in: Çevre Sorunları, Biyolojik Çeşitlilik ve Orman Gen Kaynaklarımız, Kani Işık, Editor, Tema Vakfı, İstanbul, pp.179-195, 1999

Refereed Congress / Symposium Publications in Proceedings

I. **Induction of embryogenic tissues from immature embryos in Pinus nigra subsp. pallasiana Lamb.**
Özkurt Z., YILDIRIM T.
IUFRO Division 2 Joint Conference: Low input breeding and genetic conservation of forest tree species, Antalya, Turkey, pp.1

II. **Strategies for conservation of forest gene resources and some recommendations on Cedrus libani**
Işık K., YILDIRIM T.
International Cedar Symposium, Antalya, Turkey, pp.342

III. **Biyoteknoloji Destekli Süs Biberi (Capsicum annuum L.) Islahı**
ARI E., GOKMEN U., YILDIRIM T., MUTLU N., ISBILEN Y., AKMAN E., BEDIR H., YILDIRIM S., BANKOGLU M., KULA N.
VII. Ulusal Bahçe Bitkileri Kongresi, Çanakkale, Turkey, 25 - 29 August 2015, pp.56

IV. **Expanding the genetic diversity in Cicer reticulatum Ladiz., progenitor of cultivated chickpea**
TOKER C., ÇANCI H., İNCİ N., CEYLAN F. O., İÇÖZ S. M., YILDIRIM T.
Integrating Legume Biology for Sustainable Agriculture, European Conference on Grain Legumes, Lisbon, Portugal, 12 - 16 November 2007, pp.125

V. **Screening and selection of faba bean (Vicia faba L.) for cold tolerance and comparison to Vicia species**
TOKER C., ÇANCI H., İNCİ N., CEYLAN F. O., İÇÖZ S. M., YILDIRIM T.
Integrating Legume Biology for Sustainable Agriculture, European Conference on Grain Legumes, Lisbon, Portugal, 12 - 16 November 2007, pp.178

VI. **Expanding the genetic diversity in Cicer reticulatum Ladiz., progenitor of cultivated chickpea**
TOKER C., ÇANCI H., İNCİ N., CEYLAN BALOĞLU F. Ö., İçöz S. M., YILDIRIM T.
Integrating Legume Biology for Sustainable Agriculture, European Conference on Grain Legumes, Lizbon, Portugal, 12 - 16 November 2007, pp.125

VII. **Nodulation Mutants in Chickpea (Cicer arietinum L.)**
TOKER C., ÇANCI H., İNCİ N., CEYLAN BALOĞLU F. Ö., İçöz S. M., YILDIRIM T.
European Association for Research on Plant Breeding Oil and Protein Crops Section Meeting, Budapest, Hungary, 7 - 10 October 2007, pp.38

VIII. **Comparison of Field Pea (Pisum sativum L.) for Cold Tolerance to Wild Species**
TOKER C., ÇANCI H., İNCİ N., CEYLAN F. O., İÇÖZ S. M., YILDIRIM T.
European Association for Research on Plant Breeding Oil and Protein Crops Section Meeting, Budapest, Hungary, 7 - 10 October 2007, pp.31

Supported Projects

TOKER C., SÖNMEZ S., UZUN B., KARHAN M., İKTEN C., SARI D., MUTLU N., ÇANCI H., YILDIRIM T., İNCİ N., et al., Project Supported by Higher Education Institutions, Yayın Süreklilik Desteği, 2016 - 2019
ARI E., YILDIRIM T., MUTLU N., Project Supported by Higher Education Institutions, Effects of Different Substrates and IBA Concentrations on Adventitious Rooting of Native Vitex agnuscastus L Cuttings, 2017 - 2018
YILDIRIM T., TUBITAK Project, Kızılçamın (Pinus brutia TEN.) klonal olarak çoğaltılması için somatik embriyogenez yönteminin optimize edilmesi, 2007 - 2010

Metrics

Publication: 27
Citation (WoS): 135
Citation (Scopus): 187
H-Index (WoS): 7
H-Index (Scopus): 8