

Asst. Prof. TOLGA YILDIRIM

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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

Postgraduate

Bitki Doku Kültürü ve Uygulamaları, Postgraduate, 2018 - 2019

Biyolojide Uygulamalı İstatistik, Postgraduate, 2018 - 2019

Undergraduate

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

Bitirme Çalışması I, Undergraduate, 2018 - 2019

Bitki Biyoteknolojisi, Undergraduate, 2018 - 2019

Plant Biotechnology, Undergraduate, 2018 - 2019

Bitirme Çalışması II, Undergraduate, 2018 - 2019

Supervised Theses

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

Jury Memberships

Post Graduate, Yüksek Lisans Tez Jürisi, Akdeniz Üniversitesi, December, 2012

Post Graduate, Yüksek Lisans Sınav Jürisi, Akdeniz Üniversitesi, June, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Epidemiological analysis of the victims with crush syndrome in earthquakes of southeastern Turkey**
Ozturk I., Gungor O., Ozturk S., Olmaz R., Keskin A. J. G., KOÇYİĞİT İ., SİPAHİOĞLU M. H., Dede F., Ulu S., Turgutalp K., et al.
Journal of Nephrology, vol.37, no.9, pp.2589-2599, 2024 (SCI-Expanded)
- II. **Patients with crush syndrome and kidney disease: lessons learned from the earthquake in Kahramanmaraş, Türkiye**
Ozturk S., TUĞLULAR Z. S., Olmaz R., KOÇYİĞİT İ., Kibar M. U., Turgutalp K., Torun D., Sahutoglu T., Usalan O., Gungor O., et al.
Kidney International, vol.106, no.5, pp.771-776, 2024 (SCI-Expanded)
- III. **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)
- IV. **Essential selection criteria for dual uses of red pea (*Lathyrus cicera* L.)**
ADAK A., ÇANCI H., İnci N., CEYLAN F. O., Sari D., SARI H., YILDIRIM T., TOKER Ç.
LEGUME RESEARCH, vol.42, no.1, pp.45-49, 2019 (SCI-Expanded)
- V. **Inheritance of Rose-Flowered Mutation in Chickpea (*Cicer arietinum* L.)**
ÇANCI H., Ertay İnci N., Ceylan Baloglu F. Ö., YILDIRIM T.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.23, no.2, pp.208-212, 2017 (SCI-

Expanded)

- VI. **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)
- VII. **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)
- VIII. **ADDITIONAL NOTE ON INHERITANCE OF FE-DEFICIENCY CHLOROSIS IN CHICKPEA (*Cicer arietinum* L.)**
ÇANCI H., İnci N. E., CEYLAN F. O., YILDIRIM T.
TURKISH JOURNAL OF FIELD CROPS, vol.20, no.2, pp.155-158, 2015 (SCI-Expanded)
- IX. **INHERITANCE OF FEMALE STERILITY IN INDUCED *Cicer* SPECIES**
YILDIRIM T., ÇANCI H., İnci 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)
- X. **INHERITANCE OF LEAF SHAPE IN THE CULTIVATED CHICKPEA (*Cicer arietinum* L.)**
TOKER C., Ceylan F. O., İnci N. E., YILDIRIM T., ÇAĞIRGAN M. İ.
TURKISH JOURNAL OF FIELD CROPS, vol.17, no.1, pp.16-18, 2012 (SCI-Expanded)
- XI. **INHERITANCE OF RESISTANCE TO IRON DEFICIENCY CHLOROSIS IN CHICKPEA (*CICER ARIETINUM* L.)**
TOKER C., YILDIRIM T., Canci H., İnci N., Ceylan F. O.
JOURNAL OF PLANT NUTRITION, vol.33, no.9, pp.1366-1373, 2010 (SCI-Expanded)
- XII. **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)
- XIII. **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)
- XIV. **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

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

Papers Published in Refereed Scientific Meetings

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 annum* L.) Islahı

ARI E., GOKMEN U., YILDIRIM T., MUTLU N., ISBILEN Y., AKMAN E., BEDİR H., YILDIRIM S., BANKOĞLU 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, Lisbon, 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 Desteđi, 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 çođaltılması için somatik embriyogenez yönteminin optimize edilmesi, 2007 - 2010

Metrics

Publication: 30

Citation (WoS): 137

Citation (Scopus): 205

H-Index (WoS): 7

H-Index (Scopus): 8