

Prof. RUKİYE TIPIRDAMAZ

Personal Information

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Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1985 - 1989

Postgraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1981 - 1983

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1976 - 1980

Foreign Languages

English, B2 Upper Intermediate

Research Areas

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

Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2005 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 1996 - 2005

Assistant Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 1992 - 1996

Research Assistant, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 1981 - 1992

Advising Theses

TIPIRDAMAZ R., BAZI FRITILLARIA TÜRLERİNDE IN VITRO SOĞANCIK ÜRETİMİ VE DIŞ KOŞULLARA ALIŞTIRMA ÇALIŞMALARI, Postgraduate, E.AKYÜZ(Student), 2018

TIPIRDAMAZ R., Patateste (*Solanum tuberosum* L.) in vitro mikrotuberizasyon üzerine jasmonik asit-giberellik asit etkileşiminin araştırılması, Postgraduate, S.KENAR(Student), 2013

TIPIRDAMAZ R., Tuz Gölü çevresinde yayılış gösteren bazı halofit chenopodiaceae familyası üyelerinin ekofizyolojisi, Postgraduate, F.ÖCAL(Student), 2011

TIPIRDAMAZ R., Tuz Gölü çevresindeki bazı endemik halofit bitkilerin ekofizyolojisi, Doctorate, G.BAYSAL(Student), 2010

TIPIRDAMAZ R., Salisilik asidin tuzlu koşullarda kültüre alınmış patlıcan (*Solanum melongena* L.) embriyolarında gelişim ve bazı fizyolojik parametreler üzerine etkilerinin incelenmesi, Postgraduate, Ö.HORASAN(Student), 2010

TIPIRDAMAZ R., Kekik (*Origanum minutiflorum*) ve adaçayı (*Sideritis stricta*)'nın doku kültürü yoluyla çoğaltımı üzerinde araştırmalar, Doctorate, D.ÖZKUM(Student), 2006

TIPIRDAMAZ R., Domates (*Lycopersicon* Sp-) 'te tuz stresinin bazı fizyolojik parametreler ve antioksidant enzim aktiviteleri üzerindeki etkilerinin in vivo ve in vitro olarak incelenmesi, Doctorate, M.DOĞAN(Student), 2004

TIPIRDAMAZ R., *Cucumis sativus* L.'da tuzluluğun bazı fizyolojik ve biyokimyasal parametreler üzerine etkisi,

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **EXOGENOUSLY SALICYLIC ACID EFFECTS ON GROWTH AND SOME PHYSIOLOGICAL PARAMETERS OF *in vitro* CULTURED SALT STRESSED EMBRYOS OF EGGPLANT (*Solanum melongena* L.) CULTIVARS DIFFERING IN SALT TOLERANCE**
Horasan O., BAYSAL FURTANA G., ELLİALTIÖĞLU Ş. Ş., TIPIRDAMAZ R.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.5, pp.3107-3117, 2017 (SCI-Expanded)
- II. **Ecophysiology of the Chenopodiaceae Members around Tuz Lake (Turkey)**
Ocal Ozdamar F., Tepirdamaz R., Duman H.
EKOLOJİ, vol.23, no.93, pp.8-17, 2014 (SCI-Expanded)
- III. **Seasonal changes of inorganic and organic osmolyte content in three endemic *Limonium* species of Lake Tuz (Turkey)**
Furtana G. B., Duman H., TIPIRDAMAZ R.
TURKISH JOURNAL OF BOTANY, vol.37, no.3, pp.455-463, 2013 (SCI-Expanded)
- IV. **Effective Salt Criteria in Callus-Cultured Tomato Genotypes**
Dogan M., TIPIRDAMAZ R., DEMİR Y.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, pp.613-618, 2010 (SCI-Expanded)
- V. **Essential Oils From Wild and Micropropagated Plants of *Origanum minutiflorum* O. Schwarz et Davis**
ÖZKUM D., Kurkcuoglu M., Baser K. H. C., TIPIRDAMAZ R.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.22, no.2, pp.135-137, 2010 (SCI-Expanded)
- VI. **Physiological and antioxidant response of three cultivars of cucumber (*Cucumis sativus* L.) to salinity**
Furtana G. B., TIPIRDAMAZ R.
TURKISH JOURNAL OF BIOLOGY, vol.34, no.3, pp.287-296, 2010 (SCI-Expanded)
- VII. **Salt resistance of tomato species grown in sand culture**
Dogan M., TIPIRDAMAZ R., DEMİR Y.
PLANT SOIL AND ENVIRONMENT, vol.56, no.11, pp.499-507, 2010 (SCI-Expanded)
- VIII. **Clustering of halophytes from an inland salt marsh in Turkey according to their ability to accumulate sodium and nitrogenous osmolytes**
Tipirdamaz R., Gagneul D., Duhaze C., Ainouche A., Monnier C., Ozkum D., Larher F.
ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.57, pp.139-153, 2006 (SCI-Expanded)
- IX. **Chemotaxonomy of *Ballota* species**
Citoglu G., Yilmaz B., Tarikahya B., Tipirdamaz R.
CHEMISTRY OF NATURAL COMPOUNDS, vol.41, no.3, pp.299-302, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **CYTOTOXIC, GENOTOXIC AND PHYSIOLOGICAL EFFECTS OF HERBICIDE GRANWEED**
GÖMÜRGEN A. N., BAYSAL FURTANA G., TIPIRDAMAZ R.
The Turkish Journal of Occupational/Environmental Medicine and Safety, vol.2, pp.223, 2017 (Peer-Reviewed Journal)
- II. **Investigating the Effects of Atmospheric Gaseous Pollutants on the Vegetation of Nezahat Gökyiğit Botanical Garden in Istanbul, Turkey: A Case Study and Survey**
GÜNER E. D., TIPIRDAMAZ R., GÜLLÜ G.
International Journal of Plant Soil Science, vol.14, pp.1-13, 2017 (Peer-Reviewed Journal)
- III. ***Sentorya* (*Centaurea tchihatchefii* Fish.&Mey.) Endemik Bitkisinin Çoğaltımı Üzerinde Çalışmalar**

TIPIRDAMAZ R.

BİBAD, vol.7, no.1, pp.42-48, 2014 (Scopus)

IV. **Determination of toxicity of pulp mill effluents by using Allium test**

TIPIRDAMAZ R., GÖMÜRGEN A. N., KOLANKAYA D., DOĞAN M.

Journal of Agricultural Sciences (Turkey), 2003 (Peer-Reviewed Journal)

V. **The Effects of Temperature and Gibberellic Acid on Germination of Eranthis hyemalis L Salisb Seeds**

TIPIRDAMAZ R., GÖMÜRGEN A. N.

Turk. J. Bot, no.24, pp.143-145, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Effects of Air Pollution on Urban Plants: Nezahat Gökyiğit Botanical Garden**

Horasan Ö., GÜNER E. D., TIPIRDAMAZ R., GÜLLÜ G.

in: Plants Pollutants and Remediation, Öztürk M., Ashraf M., Aksoy A., Ahmad M.S.A., Hakeem K.R., Editor, Springer Netherlands Library Service, pp.391-401, 2016

II. **Botanik Laboratuvar El Kitabı**

Bozcuk S., Terzioğlu S., TIPIRDAMAZ R., OYBAK DÖNMEZ E., EKMEKÇİ Y., ÖZKUM D., ÇİÇEK N.

Hacettepe Üniversitesi, 2005

Refereed Congress / Symposium Publications in Proceedings

I. **Effects of Acetamiprid on Allium cepa**

GÖMÜRGEN A. N., BAYSAL FURTANA G., TIPIRDAMAZ R.

International symposium Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018

II. **Environmental Impact of Priority Pollutants on Ecosystem at low concentrations**

BAYSAL FURTANA G., GÖMÜRGEN A. N., TIPIRDAMAZ R., SANİN S. L.

International Symposium Ecology 2018 Kastamonu Turkey, Kastamonu, Turkey, 19 - 23 June 2018

III. **The Effects of Granweed and Endosulfan on Antioxidant Enzyme Activities in Allium cepa L.**

BAYSAL FURTANA G., GÖMÜRGEN A. N., SANİN S. L., TIPIRDAMAZ R.

POG (Plant Oxygen Group) 2017, KUŞADASI/AYDIN, Turkey, 10 - 13 September 2017

IV. **The Effects of Endosulfan on Growth and Lipid Peroxidation in Allium cepa**

BAYSAL FURTANA G., GÖMÜRGEN A. N., SANİN S. L., TIPIRDAMAZ R.

Ecology 2017 International Symposium, Kayseri, Turkey, 11 - 13 May 2017

V. **Cytotoxic and Genotoxic Effects of Endosulphan**

GÖMÜRGEN A. N., BAYSAL FURTANA G., SANİN S. L., TIPIRDAMAZ R.

Ecology 2017 International Symposium, Kayseri, Turkey, 11 - 13 May 2017

VI. **"Evaluation of genotoxic and cytotoxic risks of untreated and treated municipal waste water."**

TIPIRDAMAZ R., GÖMÜRGEN A. N., BAYSAL FURTANA G., SANİN S. L.

ICAW 2017 Commet assay workshop, Pamplona, Spain, 29 - 31 August 2017

VII. **Cytotoxic Genotoxic and Physiological Effects of herbicide Granweed**

GÖMÜRGEN A. N., BAYSAL FURTANA G., TIPIRDAMAZ R.

2nd INTERNATIONAL CONGRESS OF FORENSIC TOXICOLOGY Industrial and Environmental Toxicology, Ankara, Turkey, 26 - 30 May 2016

VIII. **GÖMÜRGEN A N G B Furtana R Tıprdamaz Physiological and Cytogenetic effects of insecticide Korban 25 W on Allium cepa L**

GÖMÜRGEN A. N., BAYSAL FURTANA G., TIPIRDAMAZ R.

The International Conference on Civil and Environmental Engineering 20—23 May 2015, Nevşehir ,TURKEY, Nevşehir, Turkey, 20 - 23 May 2015

IX. **Effects of jasmonic acid and salt applications on antioxydative enzyme activities of the eggplant**

seedlings grown in vitro culture

Gunalp B., Horasan O., Yaşar F., KUŞVURAN Ş., TIPIRDAMAZ R., Ellialtioglu S.

European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22

- X. **Effects of Air Pollution on Urban Plants** Nezahat Gökyiğit Botanical Garden
HORASAN Ö., GÜNER E., GÜLLÜ G., TIPIRDAMAZ R.
International Conference on Plants and Environment, 6 - 11 July 2009
- XI. **Ambient Ozone Levels in the Eastern Mediterranean Region and Assessment of its Effect on the Forest Areas of Southwest Turkey**
BAŞARAN S., GÜLLÜ G., AKKOYUNLU E., TIPIRDAMAZ R., SARIBAŞAK H., ÖZKUM D.
COST Strategic Workshop, "Forest ecosystems in a changing environment: identifying future monitoring and research needs, 11 - 13 March 2008
- XII. **The effect of salinity on lipid peroxidation and some antioxidant enzyme activities in two cucumber cultivars**
Baysal G., TIPIRDAMAZ R.
3rd Balkan Symposium on Vegetables and Potatoes, Bursa, Turkey, 6 - 10 September 2006, pp.199-202
- XIII. **Ozone Pollution in the Mediterranean Region and Assessment of its Effect on the Forests**
AKKOYUNLU E., TIPIRDAMAZ R., BAŞARAN S., SARIBAŞAK H., ÖZKUM D., GÜLLÜ G.
First International Conference on Air Pollution And Combustion, 22 - 25 June 2005

Supported Projects

TIPIRDAMAZ R., Project Supported by Higher Education Institutions, POG 2017 13th Uluslararası Bitkilerde Reaktif Oksijen ve Nitrojen Türevleri Konferansı Bitki form ve fonksiyonlarında ortaya çıkan rolleri, 2017 - 2017

TIPIRDAMAZ R., Project Supported by Higher Education Institutions, VII. Uluslararası Bilimsel Tarım Sempozyumu, 2016 - 2017

TIPIRDAMAZ R., Project Supported by Higher Education Institutions, 23. Ulusal Biyoloji kongresi, 2016 - 2017

TIPIRDAMAZ R., Project Supported by Higher Education Institutions, Bazı Fritillaria Türlerinin Olgunlaşmamış Embriolarından in vitro Soğancık Üretimi ve Dış Koşullara Ağıştırılması, 2014 - 2016

TIPIRDAMAZ R., Project Supported by Other Private Institutions, Nezahat Gökyiğit Botanik Bahçesi Hava Kalitesi Tespit Çalışması, 2007 - 2009

Metrics

Publication: 29

Citation (WoS): 139

Citation (Scopus): 81

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H-Index (Scopus): 6