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Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri, Biyoloji/Botanik, Turkey 2005 - 2010

Post Graduate, Van Yüzüncü Yil University, Fen Bilimleri, Biyoloji/Botanik, Turkey 2002 - 2004

Under Graduate, Van Yüzüncü Yil University, Eğitim Fakültesi, Biyoloji, Turkey 1997 - 2001

Dissertations

Doctorate, *Lepidium draba* L., *Acroptilon repens* (L.) DC., *Thymus kotchyanus* Boiss&Hohen. var. *kotchyanus*, *Inula peacockiana* (Aitch.&Hemsl.) Koravin, *Salvia kronenburgei* Rech. f. ve *Phlomis armeniaca* Wild. bitkilerinin allelopatik potansiyellerinin araştırılması, Van Yüzüncü Yil University, Fen Edebiyat Fakültesi, Biyoloji, 2009

Post Graduate, Soğuk stresine maruz bırakılan mısır (*Zea mays* L.) bitkisinde, eksojen olarak uygulanan naftalen asetik asit (NAA), absisik asit (ABA), jasmonik asit (JA)'in etkileri ve anti-freeze proteinlerinin analizi, Van Yüzüncü Yil University, Fen Edebiyat Fakültesi, Biyoloji, 2004

Research Areas

Life Sciences, Plant Biology, Plant Physiology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2019 - Continues

Assistant Professor, Siirt University, Fen Edebiyat Fakültesi, Biyoloji, 2011 - 2019

Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji, 2005 - 2011

Professional Experience

BAP Coordinator, Siirt University, 2013 - 2015

Manager of Research and Application Center, Siirt University, 2013 - 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. Comparative Adaptation Responses of Melon (*Cucumis melo* L.) Genotypes to Salinity Stress

Erdoğan Ç., İnal B., Erez M. E., Ekincialp A., Şensoy S.

Journal Of Agricultural Science And Technology, vol.23, no.2, pp.403-418, 2021 (Journal Indexed in SCI Expanded)

- II. **Determination of Biological Activity and Active Substances of Thecocarpus Carvifolius (BOISS.) Hedge & Lamond**
Pinar S. M. , Erez M. E. , Fidan M., Erodlu H., Dalar A.
PHARMACEUTICAL CHEMISTRY JOURNAL, 2021 (Journal Indexed in SCI)
- III. **Physiological and gene-expression variations in watermelon (Citrullus lanatus L.) cultivars exposed to drought stress**
Erez M. E. , Inal B., Karipçin M. Z. , Altıntaş S.
Acta Societatis Botanicorum Poloniae, vol.89, no.2, 2020 (Journal Indexed in SCI Expanded)
- IV. **Comprehensive appraisalment of antioxidant potential and phytochemical profile of native botanicals from Turkey**
Erez M. E. , Dalar A., Fidan M., Pinar S. M.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.13, no.4, pp.3230-3241, 2019 (Journal Indexed in SCI)
- V. **Morphological, anatomical, palynological and ecological data on the local endemic dianthus vanensis (Caryophyllaceae) from Turkey**
Karaismailoglu M. C. , EREZ M. E. , Pinar S. M. , Fidan M. E. , Eroğlu H.
Phytotaxa, vol.394, no.1, pp.71-78, 2019 (Journal Indexed in SCI Expanded)
- VI. **Antioxidant capacity and phylogenetic analysis of twenty native grape cultivars in Siirt province, Turkey**
Fidan M., Erez M. E. , Inal B., Pinar S. M. , Altintas S.
CELLULAR AND MOLECULAR BIOLOGY, vol.64, no.7, pp.14-18, 2018 (Journal Indexed in SCI)
- VII. **The comparison of phenolic compounds content, antioxidant capacity and molecular analysis of some selected Turkish pear genotypes**
Ozrenk K., Erez M. E. , Altintas S., Inal B.
Fresenius Environmental Bulletin, vol.27, no.1, pp.584-589, 2018 (Journal Indexed in SCI)
- VIII. **The comparison of total phenolic content, antioxidant capacity and molecular analysis of some selected Turkish apple (Malus spp.) genotypes**
Inal B., Ozrenk K., Erez M. E. , Altintas S.
Applied Ecology and Environmental Research, vol.15, no.4, pp.2035-2044, 2017 (Journal Indexed in SCI)
- IX. **Allelopathic effects of sage (Salvia macrochlamys) extract on germination of portulaca oleracea seeds**
Erez M. E.
ALLELOPATHY JOURNAL, no.35, pp.285-296, 2015 (Journal Indexed in SCI Expanded)
- X. **Phytotoxic effect of Lepidium draba L. extracts on the germination and growth of monocot (Zea mays L.) and dicot (Amaranthus retroflexus L.) seeds**
KAYA Y., AKSAKAL Ö., Sunar S., Erturk F. A. , Bozari S., AĞAR G., Erez M. E. , Battal P.
Toxicology and Industrial Health, vol.31, no.3, pp.247-254, 2015 (Journal Indexed in SCI)
- XI. **An automatic identification method for the comparison of plant and honey pollen based on GLCM texture features and artificial neural network**
Kaya Y., Erez M. E. , Karabacak O., Kayci L., Fidan M.
Grana, vol.52, no.1, pp.71-77, 2013 (Journal Indexed in SCI)
- XII. **An expert classification system of pollen of Onopordum using a rough set approach**
Kaya Y., Pinar S. M. , Erez M. E. , Fidan M.
Review of Palaeobotany and Palynology, vol.189, pp.50-56, 2013 (Journal Indexed in SCI)
- XIII. **Determination of physiological responses on hyacinth (Hyacinthus orientalis) plant exposed to different salt concentrations**
Türkoğlu N., Erez M. E. , Battal P.
African Journal of Biotechnology, vol.10, no.32, pp.6045-6051, 2011 (Journal Indexed in SCI)
- XIV. **Electrochemical Behavior and Electroanalytical Determination of Indole-3-Acetic Acid Phytohormone on a Boron-Doped Diamond Electrode**
Yardımlı Y., Erez M. E.

Electroanalysis, vol.23, no.3, pp.667-673, 2011 (Journal Indexed in SCI)

- XV. **Investigation of Some Physiological and Biochemical Parameters in Pseudomonas syringae-Infected Tomato Plants**
Berber I., ONLU H., Ekin S., Battal P., Erez M. E.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.6, pp.4898-4906, 2010 (Journal Indexed in SCI)
- XVI. **Levels of Selected Trace Elements, Phytohormones, and Sugars in Pseudomonas-Infected Lycopersicum esculantum Mill Plants**
Berber I., Ekin S., Battal P., ONLU H., Erez M. E.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.133, no.1, pp.98-109, 2010 (Journal Indexed in SCI)
- XVII. **Fatty acid, sugar and vitamin contents in rose hip species**
Yörük İ. H. , Türker M., Kazankaya A., Erez M. E. , Battal P., Çelik F.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.2, pp.1357-1364, 2008 (Journal Indexed in SCI)
- XVIII. **Molecular and physiological changes in maize (Zea mays) induced by exogenous NAA, ABA and MeJa during cold stress**
Battal P., Erez M. E. , Türker M., BERBER I.
Annales Botanici Fennici, vol.45, no.3, pp.173-185, 2008 (Journal Indexed in SCI)
- XIX. **Detection of free sugars in almond genotypes from eastern and western Turkey by HPLC**
BALTA M. F. , Yoruk I. H. , Kazankaya A., Battal P., EREZ M. E.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.7, pp.5659-5665, 2007 (Journal Indexed in SCI)
- XX. **HPLC determination of sugar contents based on harvest season in almonds [Prunus dulcis (Mill.) D.A. Webb.]**
BALTA M. F. , Yoeruek I. H. , Dogan A., EREZ M. E. , Battal P.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.6, pp.4873-4879, 2007 (Journal Indexed in SCI)
- XXI. **The effects of an artificial and static magnetic field on plant growth, chlorophyll and phytohormone levels in maize and sunflower plants**
Turker M., Temirci C., Battal P., EREZ M. E.
PHYTON-ANNALES REI BOTANICAE, vol.46, no.2, pp.271-284, 2007 (Journal Indexed in SCI)
- XXII. **Phytohormone levels in germinating seeds of Zea mays L. exposed to selenium and aflatoxines**
AĞAR G., Türker M., Battal P., Erez M. E.
Ecotoxicology, vol.15, no.5, pp.443-450, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Total Phenolic-Flovonoid Content, Phenolic Compounds and Elemental Analysis of the Origanum acutidens Plant Used for Ethnobotanical Purpose**
Fidan M., Teğın İ., Erez M. E. , Pınar S. M. , Erođlu H.
Academic Platform Journal of Engineering and Science - APJES, vol.8, no.1, pp.49-55, 2020 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **DÖRT FARKLI BİTKİ TÜRÜNÜN METAL İÇERİĞİ TAYİNİNE KEMOMETRİK BİR YAKLAŞIM**
Erez M. E. , TEĞİN İ., DÖRTKARDEŞ M.
5th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES, Van, Turkey, 20 - 22 December 2019, pp.677-686
- II. **BİTKİ EKSTRAKTLARININ, KÜLTÜR VE YABANCI OT BİTKİLERİNİNİN GELİŞİMİ ÜZERİNE ETKİLERİNİN İNCELENMESİ**
Erez M. E. , Battal P.
5 th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES, Van, Turkey, 20 - 22 December

2019, pp.305-315

III. Lokal Endemik *Diplotaenia bingolensis*'in ICP-MS İle Element Analizi

TEĞİN İ., Fidan m., Erez M. E. , Pınar S. M. , Eroğlu H.

V. International Congress on Natural and Health Sciences, Adana, Turkey, 13 - 15 December 2019, pp.126-129

IV. Lokal Endemik *Diplotaenia bingolensis*'in Su ve Etanol Ekstraktlarının Biyolojik Aktivitelerinin Belirlenmesi

teğın i, Fidan m., Erez M. E. , Pınar S. M. , Eroğlu H.

3. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VE SAĞLIK BİLİMLERİ KONGRESİ, Şanlıurfa, Turkey, 29 November - 01 December 2019, pp.775-778

V. Determination of the Antioxidant Properties of Cefan Melon (*Cucumis Melo L. C.V./ Cucurbitaceae*) Grown in Siirt Province

Özok N., ÖZBEK A., Erez M. E.

4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES, Ağrı, Turkey, 18 - 22 June 2019, pp.815-828

Supported Projects

Battal P., Erez M. E. , Project Supported by Higher Education Institutions, Soğuk Stresine Maruz Bırakılan Mısır (*Zea mays L.*) Bitkisinde Eksojen Olarak Uygulanan Naftalen Asetik Asit (NAA). Absisik Asit (ABA), Jasmonik Asit (JA) in Etkileri ve Anti-freeze proteins., 2003 - 2014

Citations

Total Citations (WOS):135

h-index (WOS):6