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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Application of chemometric modeling for ionic liquid-based ultrasonic-assisted dispersive liquid-liquid microextraction: Analysis of fosetyl-aluminum in fruit and vegetable samples**
Haq H. U., ELİK A., DURUKAN H., SARAÇ H., DEMİRBAŞ A., Boczkaj G., GÜRSOY N., ALTUNAY N.
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- II. **Application of levulinic acid-based natural deep eutectic solvents for extraction and determination of deltamethrin in food samples**
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SUSTAINABLE CHEMISTRY AND PHARMACY, vol.30, 2022 (SCI-Expanded)
- III. **Vortex assisted magnetic ionic liquid based dispersive liquid-liquid microextraction approach for determination of metribuzin in some plant samples with UV-Vis spectrophotometer**
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- IV. **Effects of Biochar Rates on Yield and Nutrient Uptake of Sugar Beet Plants Grown under Drought Stress**
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- V. **THE IMPACTS OF THE BIOCHAR ADDITION IN DIFFERENT DOSES ON YIELD AND NUTRIENT UPTAKE OF THE CHICKPEA PLANT (CICER ARIETINUM L.) UNDER THE CONDITIONS WITH AND WITHOUT INCUBATION**
DEMİRBAŞ A., KARAKÖY T., DURUKAN H., ERDEM H.
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- I. **Determination of The Yield and Yield Parameters of Demre Sivrisi, Dogal Sarı Sivri and Dogal Carliston (Capsicum annumm L.) Pepper Varieties Grown By Fertigation Method in Greenhouse Conditions Ve Verim Parametrelerinin Belirlenmesi**
Demirbaş A., Durukan H., Öztük M., Saraç H.
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- II. **Önemli Tıbbi Bitkilerden Biri Olan Achillea millefolium L. (Civanperçemi) Bitkisinin Besin Elementi Konsantrasyonları ve Antioksidan Aktivitesi**
SARAÇ H., DURUKAN H., DEMİRBAŞ A.
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- III. **Farklı Dozlarda Vermikompost Uygulamasının Mısır Bitkisinin Verimine ve Besin Elementleri Alımına Etkisi**
DURUKAN H., SARAÇ H., DEMİRBAŞ A.
Ziraat Fakültesi Dergisi, pp.45-51, 2020 (Peer-Reviewed Journal)
- IV. **Sivas İli Doğal Florasından Toplanan Sarı Kantaron (*Hypericum scabrum* L.) ve Aslan Pençesi (*Alchemilla mollis* (Buser) Rothm) Bitkilerinin Bazı Kalite Kriterlerinin Belirlenmesi**
Uçar Sözmen E., Eryugur N., Akpulat H. A., Çetin M. D., Durukan H., Demirbaş A., Karaköy T.
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- V. **Bioactivity and Therapeutic Properties of Evelik (*Rumex crispus*), A Naturally Growing and Edible Plant in Sivas Province**
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- VI. **The Effects of Solid and Liquid Vermicompost Application on Yield and Nutrient Uptake of Tomato Plant**
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- VII. **Kırmızı Gelincik (Fam: Papaveraceae, *Glaucium grandiflorum* Boiss.&Huet var. *grandiflorum*) Bitkisinin Farklı Özütlelerinin Besin Elementi İçeriğinin ve In Vitro Antiproliferatif Etkilerinin Değerlendirilmesi**
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- VIII. **Madımak (*Polygonum cognatum* Meissn.) Bitki Özütlelerinin Besin Elementleri ve In Vitro Antikanserojen Aktiviteleri Yönünden Değerlendirilmesi**
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- X. **THE EFFECTS OF DIFFERENT SALT DOSES ON YIELD AND NUTRIENT UPTAKE OF TOMATO PLANT**
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- XII. **Effects of dressing fertilizer and different nitrogen doses together with bacteria (*Rhizobium* spp.) inoculation treatments on nodulation and some parameters of chickpea (*cicer arietinum* L.)**
DEMİRBAŞ A., DURUKAN H., PAMİRALAN H., KARAKÖY T., GÖK M.
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- I. **DETERMINATION OF THE BIOLOGICAL ACTIVITY OF *Lavandula stoechas* L.**
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- II. **DETERMINATION OF SOME NUTRIENT CONCENTRATIONS AND ANTIOXIDANT ENZYME ACTIVITIES OF NATURALLY GROWN SPINACH (*Spinacia oleracea* L.) PLANT IN FIELD CONDITIONS**

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IV. **NUTRIENT CONCENTRATIONS OF SOME MEDICINAL AND AROMATIC PLANTS CONSUMED AS FUNCTIONAL FOOD**

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V. **KURAKLIK STRESİNİN KARAKAFES OTU (*Symphytum officinale* L.) BİTKİSİNDE OLUŞTURDUĞU ENZİM, KLOOROFİL VE RENK DEĞİŞİMLERİ**

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Refereed Congress / Symposium Publications in Proceedings

I. **ACTIVITIES OF DANDELION (*Taraxacum officinale*) EXTRACT AGAINST BREAST CANCER PROTEINS**

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II. **Activities of *Laurus nobilis* L. extract against Liver cancer proteins**

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International Anatolian Congress on Medicinal and Aromatic Plants, 16 - 18 November 2021

III. **Activities of *Crocus sativus* L. extract against Liver cancer proteins**

DURUKAN H., TÜZÜN B.

1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021

IV. **Sivas ilinde doğal olarak yetişen ve yenilebilir bir bitki olarak Evelik (*Rumex crispus*) bitkisinin biyoaktivitesi ve terapotik nitelikleri**

DURNA DAŞTAN S., DEMİRBAŞ A., DURUKAN H., DÖNMEZ E.

tarla bitkileri kongresii, Antalya, Turkey, 28 - 31 October 2019

V. **Nutrient Composition And In Vitro Anti-Carcinogenic Activity Of Knotweed (*Polygonum Cognatum* Meissn.) Plant Extracts**

SARAÇ H., DAŞTAN T., DURUKAN H., DURNA DAŞTAN S., DEMİRBAŞ A., KARAKÖY T.

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VI. **Nutrient Composition and In Vitro Anti-Proliferative Effects of Different Extracts of Red Poppy (*Fam: Papaveraceae, Glaucium Grandiflorum* Boiss.&Huet Var. *Grandiflorum*) Plants**

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- IX. The Effects of Different Salt Doses on Yield and Nutrient Uptake of Tobacco Plant Under Greenhouse Conditions**
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- X. Effects of dressing fertilizer and different nitrogen doses together with bacteria (Rhizobium spp.) treatment on nodulation and some parameters of schickpea (Cicer arietinum L.)**
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- XI. Effects of Dressing Fertilizer and Different Nitrogen Doses Together with Bacteria (Rhizobium spp.) Inoculation Treatments on Nodulation and Some Parameters of Chickpea (Cicer arietinum L.)**
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- XII. Farklı Dozlarda Zn Ve Cd Uygulamalarının Şekerpancarı Etkisinin Spektralİmzasına Etkisinin Belirlenmesi**
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- XIII. FARKLI DOZLARDAN ZN VE CD UYGULAMALARININ ŞEKERPANCARININ SPEKTRAL İMZASINA ETKİSİNİN BELİRLENMESİ**
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- XIV. THE EFFECTS OF APPLICATIONS OF DIFFERENT FERTIGATION TIMES ON YIELD AND NUTRIENT UPTAKE OF MUSKMELON Cucumis Melo L PLANT**
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- XV. The Effects of Different Fertigation Frequencies on Yield and Nutrient Uptake of Muskmelons Cucumis Melo L International Soil Science Congress on Soil Science in International Year of Soils 2015**
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- XVII. Türkiye Orijinli Bakla (Faba Bean L.) Genotiplerinin Soğuğa Dayanıklılık Yönünden İncelenmesi**
KARAKÖY T., DEMİRBAŞ A., YÖRÜK V., TOKLU F., BALOCH F. S., DURUKAN H., ÖZTÜRK M., TON A., ANLARSAL A. E., ÖZKAN H.
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