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Education Information

Doctorate, Kahramanmaras Sutcu Imam University, Instıtute Of Scıence, Tarla Bitkileri (Dr), Turkey 2017 - 2022
Postgraduate, Akdeniz University, Institute Of Science, Tarla Bitkileri (Yl) (Tezli), Turkey 2014 - 2016
Undergraduate, Akdeniz University, Ziraat Fakültesi, Ziraat Mühendisliği Bölümü, Turkey 2008 - 2013

Dissertations

Doctorate, Aspir (Carthamus tinctorius L.) Tohumlarına Farklı Kimyasal Mutagen Uygulamalarının M1 ve M2 Generasyonlarında Bazı Tarımsal ve Teknolojik Özelliklere Etkisi, Kahramanmaras Sutcu Imam University, Instıtute Of Scıence, 2022
Postgraduate, Şeker otu (Stevia rebaudiana Bertoni) bitkisinde ön uygulama ve farklı ortamların in vitro androgenesis üzerine etkileri, Akdeniz University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Yl) (Tezli), 2016

Research Areas

Agriculture, Infield Plants, Other Crops Grown for Industrial Processing (perfume-producing plants, for medicine, etc.), Oil Plants, Alkaloidal Crops (tobacco,tea,coffee,cacao,poppies,cola nuts,chicory,marijuana,etc.), Medicinal Plants

Academic Titles / Tasks

Research Assistant, Yozgat Bozok University, Ziraat Fakültesi, Tarla Bitkileri, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Evaluation of antioxidant, antimicrobial, enzyme inhibition activity, and cell viability capacity of Hypericum heterophyllum vent., an endemic species in Turkey's Flora**
Eruygur N., Uçar E., TÜZÜN B., ATAŞ M., İnanır M., DEMİRBAŞ A., BAL H., Şenkal B., Uskutoğlu T.
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VII. **Cocklebur (Xanthium strumarium L.) seed oil and its properties as an alternative biodiesel source**
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Articles Published in Other Journals

I. **Avrupa Tescilli Bazı Kenevir (Cannabis sativa L.) Çeşitlerinin Verim Kriterleri Yönünden Performansı**
YILMAZ G., YAZİCİ L., YILDIRIM C., KOCER T., USKUTOĞLU T.
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II. **Biological activities of different plant species belonging to the Asteraceae family**
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III. **Fatty Acid Composition of Seed Oil from Cocklebur (Xantium Strumarium Subsp. Strumarium) Grown in Turkey**
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CUMHURIYET SCIENCE JOURNAL, vol.43, no.3, pp.379-383, 2022 (Peer-Reviewed Journal)

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V. **Evaluation of the chemical composition, genotoxic and cytotoxic effects of cocklebur (Xanthium strumarium L.) seed oil on human blood cells.**
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VI. **Essential oil composition and mineral element content of Salvia Aethiopis L. from Turkey**
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X. **HAŞHAŞ TOHUM (Papaver somniferum L.) YAĞININ BİYODİZEL YAKIT ÖZELLİKLERİNİN BELİRLENMESİ**
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XI. **Hypericum taxa of Turkey's flora and intra-population variation of morpho-agronomic traits in H. heterophyllum Vent., an endemic species**
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Acta Biologica Turcica, 2019 (Peer-Reviewed Journal)

XIX. **Tarımsal Ormancılık Kapsamında Yeni Bir Endüstri Bitkisi: Tesbi (Styrax officinalis L.) Çalısı**
CESUR C., COŞGE ŞENKAL B., USKUTOĞLU T., DOĞAN H., KAYA A. R., FİDAN H.
EJONS International Journal on Mathematic, Engineering and Natural Sciences, vol.2, no.5, pp.83-90, 2018 (Peer-Reviewed Journal)

XX. **Pıtrak (Xanthium strumarium L.) bitkisinin farklı açılardan değerlendirilmesi**
USKUTOĞLU T., CESUR C., COŞGE ŞENKAL B., AĞAR D.
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Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.7, no.4, pp.249-256, 2017 (Peer-Reviewed Journal)

XXII. **Pıtrak (Xanthium strumarium L.) tohumlarının en uygun çimlendirme metotlarının belirlenmesi üzerine bir araştırma**
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XXIII. **Pıtrak (Xanthium Strumarium L.) Tohumlarının En Uygun Çimlendirme Metodlarının Belirlenmesi Üzerine Bir Araştırma**
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Books & Book Chapters

I. **CLARY SAGE (Salvia sclarea L.): BOTANICAL DESCRIPTION, USES AND CULTIVATION**
COŞGE ŞENKAL B., USKUTOĞLU T.
in: TIBBİ VE AROMATİK BİTKİLERİN FONKSİYONEL KULLANIM ALANLARI, TİCARETİ VE SÜRDÜRÜLEBİLİRLİĞİ, Prof. Dr. Rüveyde TUNÇTÜRK, Editor, Iksad Publishing House, pp.85-104, 2022

II. **TARLA BİTKİLERİNİN "ZİYNETİ" TIBBİ VE AROMATİK BİTKİLERİNDEN; ÇOK FARKLI FAYDALANMA POTANSİYELİ OLAN ALTERNATİF BİR YAĞLI TOHUMLU BİTKİ: TESBİ (Styrax officinalis L)**
CESUR C., USKUTOĞLU T.
in: TARIM BİLİMLERİ ALANINDA MULTİDSİPLİNER GÜNCEL ÇALIŞMALAR-I, Doç.Dr. Kübra Yazıcı, Doç.Dr. Hülya Doğan, Editor, Iksad Publishing House, Ankara, pp.39-56, 2022

III. **THE MINERAL MATTER CONTENTS OF SALVIA TAXA IN FLORA OF TÜRKİYE**
COŞGE ŞENKAL B., USKUTOĞLU T., DOĞAN H.
in: NEW DEVELOPMENT ON MEDICINAL AND AROMATIC PLANTS-II, Assoc. Prof. Dr. Gülen ÖZYAZICI, Editor, Iksad Publications, Ankara, pp.309-320, 2022

IV. **SALVIA TAXA REGISTERED IN YOZGAT FLORA AND THEIR BIOLOGICAL ACTIVITIES**
COŞGE ŞENKAL B., USKUTOĞLU T., DOĞAN H., YAZİCİ L.
in: NEW DEVELOPMENT ON MEDICINAL AND AROMATIC PLANTS-II, Assoc. Prof. Dr. Gülen ÖZYAZICI, Editor, Iksad Publications6, Ankara, pp.287-308, 2022

V. **Turkey's situation in the production and trade of medicinal aromatic plants in the world.**
Doğan H., Fidan H., Stankov S., Uskutoğlu T., Coşge Şenkal B., Baş H., Stoyanova A.
in: Research and Reviews in Agriculture, Forestry and Aquaculture Sciences – II. , Prof. Dr. İbrahim Cengizler,Assoc. Prof. Dr. Selçuk Duman., Editor, Gece Publishing , Ankara, pp.1-16, 2021

VI. **EVALUATION OF THE ANTIOXIDANT CAPACITY OF Salvia virgata Jacq. GROWN IN SEMI-ARID CONDITIONS**
COŞGE ŞENKAL B., USKUTOĞLU T.
in: NEW DEVELOPMENT ON MEDICINAL AND AROMATIC PLANTS, ÖZYAZICI Gülen, Editor, Iksad Publications, pp.145-171, 2021

VII. **TURKEY'S SITUATION IN THE PRODUCTION AND TRADE OF MEDICINAL AROMATIC PLANTS IN THE WORLD**
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in: RESEARCH & REVIEWS IN AGRICULTURE, FORESTRY AND AQUACULTURE SCIENCES - II, Cengizler İbrahim, Duman, Selçuk, Editor, Gece Publishing, pp.1-16, 2021

VIII. **Application, Usage and Outputs of Chemical Mutagens in Field Crop Breeding**
USKUTOĞLU T., COŞGE ŞENKAL B.
in: ACADEMIC STUDIES IN AGRICULTURE, FORESTRY AND AQUACULTURE SCIENCES, ATIK Atilla, Editor, Duvar

Publishing, pp.121-140, 2021

IX. **THE CARYOLOGICAL STUDIES ON Salvia sclarea L., Salvia aethiopis L. AND Salvia verticillata subsp. amasiaca (Freyn & Bornm.) IN TURKEY**
EROĞLU H. E., DOĞAN H., USKUTOĞLU T., COŞGE ŞENKAL B.
in: NEW DEVELOPMENT ON MEDICINAL AND AROMATIC PLANTS, ÖZYAZICI Gülen, Editor, Iksad Publications, pp.173-189, 2021

X. **EVALUATION of BIOLOGICAL ACTIVITY and CHEMICAL COMPONENTS of Marrubium parviflorum subsp. parviflorum**
UÇAR SÖZMEN E., ERGÜL M., AKTAŞ M., USKUTOĞLU T., COŞGE ŞENKAL B.
in: Research in Medicinal and Aromatic Plants, Assist. Prof. Dr. Gülen ÖZYAZICI, Editor, İKSAD, Ankara, pp.3-23, 2020

Refereed Congress / Symposium Publications in Proceedings

I. **USAGE AREAS OF FLOWERS OBTAINED FROM SAFFLOWER**
USKUTOĞLU T., COŞGE ŞENKAL B.
4. INTERNATIONAL BAKU SCIENTIFIC RESEARCH CONGRESS, Baku, Azerbaijan, 30 November - 01 December 2022

II. **ALLELOPATHİC EFFECTS OF ESSENTIAL OILS ON SEED GERMINATION AND SEEDLING DEVELOPMENT**
COŞGE ŞENKAL B., USKUTOĞLU T.
4. INTERNATIONAL BAKU SCIENTIFIC RESEARCH CONGRESS, Baku, Azerbaijan, 30 November - 01 December 2022

III. **ECONOMIC IMPORTANCE OF ESSENTIAL OIL AND CRUDE OIL OBTAINED FROM CORIANDER (Coriandrum sativum L.) FRUITS**
COŞGE ŞENKAL B., USKUTOĞLU T.
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-VII, Ankara, Turkey, 02 December 2022

IV. **GENETIC DIVERSITY AND MUTATION**
USKUTOĞLU T., COŞGE ŞENKAL B.
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-VII, Ankara, Turkey, 2 - 04 December 2022

V. **EVALUATION OF CHEMICAL COMPOSITION AND BIOAVAILABILITY OF INDUSTRIAL HEMP (Cannabis sativa L.) ESSENTIAL OIL**
COŞGE ŞENKAL B., USKUTOĞLU T.
IV- INTERNATIONAL CONFERENCE OF FOOD, AGRICULTURE, AND VETERINARY SCIENCES, Van, Turkey, 27 - 28 May 2022

VI. **MICROPROPAGATION OF Origanum acutidens (Hand.-Mazz.) Ietswaart UNDER IN VITRO CONDITIONS AND DETERMINATION OF SOME AGRONOMIC PROPERTIES**
USKUTOĞLU T., COŞGE ŞENKAL B.
IV- INTERNATIONAL CONFERENCE OF FOOD, AGRICULTURE, AND VETERINARY SCIENCES, Van, Turkey, 27 - 28 May 2022

VII. **Impacts of environmental factors on synthesis of secondary metabolites in medicinal and aromatic plants**
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9. INTERNATIONAL CONFERENCEON AGRICULTURE, ANIMALSCIENCES AND RURALDEVELOPMENT, Burdur, Turkey, 19 - 20 March 2022

VIII. **EVALUATION OF THE CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITY OF SALVIA SCLAREA L. ESSENTIAL OIL**
COŞGE ŞENKAL B., USKUTOĞLU T.
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IX. **The environmental and agronomic factors in cannabis (Cannabis sativa L.) cultivation**
USKUTOĞLU T., COŞGE ŞENKAL B.

9. INTERNATIONAL CONFERENCEON AGRICULTURE, ANIMALSCIENCES AND RURALDEVELOPMENT, Burdur, Turkey, 19 - 20 March 2022

X. **EVALUATION OF THE EFFECT OF TESBI (STYRAX OFFICINALIS L.) SEED EXTRACTS ON SEEDLING DEVELOPMENT OF SOME PLANTS**
USKUTOĞLU T., COŞGE ŞENKAL B., DOĞAN H.
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XI. **DETERMINATION OF ESSENTIAL OIL COMPONENTS, MINERAL MATTER, AND HEAVY METAL OF CLARY SAGE (SALVIA SCLAREA L.) COLLECTED FROM CENTRAL ANATOLIA IN TURKEY**
USKUTOĞLU T., COŞGE ŞENKAL B., DOĞAN H.
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XII. **Mutation Breeding Applications in Medicinal and Aromatic Plants**
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XIII. **Production and trade of medicinal aromatic plants in Turkey.**
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XV. **Lamiaceae Familyasına Ait Bazı Taksonların Bitkisel Özellikleri, Tıbbi Önemi ve Sitotoksik Özelliklerinin Değerlendirilmesi**
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XVI. **Tesbi (Styrax officinalis L.) Çalısının Kültüre Alınması İçin Yapılan Çalışmalar**
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XVII. **LAMIACEAE (BALLIBABAGĠLLER) FAMİLYASINA AİT BAZI TAKSONLARIN TOHUMLA ÇOĞALTIM POTANSİYELLERİNİN DEĞERLENDİRİLMESİ**
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XVIII. **TÜRKİYE FLORASI"NIN ADAÇAYI (Salvia) TAKSONLARI VE SÜS BİTKİSİ POTANSİYELİNE SAHİP İKİ ADAÇAYI TÜRÜNÜN (S.viridis L.- S.sclarea L.) YETİŞTİRİCİLİĞİ**
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XIX. **BAZI ADAÇAYI (SALVIA SP.) TÜRLERİNDEN ELDE EDİLEN UÇUCU YAĞLARINANA BİLEŞENLERİNİN KULLANIM ALANLARI BAKIMINDANDEĞERLENDİRİLMESİ**
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2. ULUSLARARASI ERCİYES BİLİMSEL ARAŞTIRMALAR KONGRESİ, 27 - 29 September 2019, pp.241-249

XX. **Salvia tomentosa Mill.: Ekonomik Önemi, Uçucu Yağ BileĢenleriĢle Mineral Madde Ve Ağır Metal Ġçeriğinin Değerlendirilmesi**
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XXI. **Türkiye'xxde yetişen pıtrak (X.strumarium subsp. strumarium) bitkisinin tohum yağının yağ asidi kompozisyonu**
CESUR C., COŞGE ŞENKAL B., USKUTOĞLU T.
I. ulusal mühendislik ve teknoloji kongresi, Karaman, Turkey, 17 - 19 October 2019, pp.3

XXII. **STACHYS LAVANDULIFOLIA VAHL. TÜRÜNÜNÜ UÇUCU YAĞ KOMPOZİSYONUNUNVE SİTOTOKSİK ETKİSİNİN İNCELENMESİ**

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XXIII. **Kişniş (Coriandrum sativum L.) tohum uçucu yağının kullanım alanları ve uçucu yağ kompozisyonuüzerine diurnal varyabilitenin etkisi**
COŞGE ŞENKAL B., USKUTOĞLU T., ERSİN E., DOĞAN H.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 2019, pp.1426-1432

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