

Asst. Prof. Ömer Bingöl

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Biyoloji/Botanik, Turkey 2008 - 2013

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Biyoloji/Botanik, Turkey 2001 - 2004

Undergraduate, Ege University, Faculty Of Science, Biyoloji, Turkey 1996 - 2000

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, *Verbascum cheiranthifolium* Boiss. var. *asperulum* (Boiss.) Murb., *Achillea filipendulina* Lam. ve *Salvia limbata* C. A. Meyer EKSTRAKTLARININ *Zea mays* L. ve *Portulaca oleraceae* L. TOHUMLARININ ÇİMLENMESİ

ÜZERİNE ALLELOPATİK ETKİSİNİN ARAŞTIRILMASI, Van Yüzüncü Yıl University, Fen Bilimleri, Biyoloji/Botanik, 2013

Postgraduate, DEVEBOYNU YARIMADASI VE ÇEVRESİ (GEVAŞ-VAN) FLORASI, Van Yüzüncü Yıl University, Fen Bilimleri, Biyoloji/Botanik, 2004

Research Areas

Life Sciences, Plant Biology, Plant Physiology, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yıl University, Eğitim Fakültesi, Orta Öğretim Fen ve Matematik Alanları Eğitimi Bölümü, 2018 - Continues

Assistant Professor, Van Yüzüncü Yıl University, Eğitim Fakültesi, Orta Öğretim Fen ve Matematik Alanları Eğitimi Bölümü, 2014 - 2018

Courses

ALAN EĞİTİMİNDE ARAŞTIRMA PROJESİ, Undergraduate, 2021 - 2022
GENETİK, Undergraduate, 2020 - 2021
BOTANİK I, Undergraduate, 2020 - 2021
BOTANİK LABORATUVARI I, Undergraduate, 2020 - 2021
FAYDALI BİTKİLER, Undergraduate, 2018 - 2019
ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2018 - 2019
GENEL BİYOLOJİ, Undergraduate, 2017 - 2018
GENEL BİYOLOJİ LABORATUVARI I, Undergraduate, 2017 - 2018
BİTKİ FİZYOLOJİSİ, Undergraduate, 2016 - 2017
TEZ ÇALIŞMASI, Postgraduate, 2016 - 2017
HPLC ve UYGULAMALARI, Postgraduate, 2016 - 2017
BİYOTEKNOLOJİ, Undergraduate, 2015 - 2016
BİTKİ STRES FİZYOLOJİSİ, Postgraduate, 2015 - 2016
UZMANLIK ALAN DERSİ, Postgraduate, 2016 - 2017
ALLELOPATİ, Postgraduate, 2015 - 2016
GENETİK-I, Undergraduate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of mTERF gene expressions in response to Phytophthora Capsici infection in pepper (*Capsicum annuum* L.) cultivars**
Altıntaş S., Kuru İ. S., Erez M. E., Çatkın S., Inal B., Bingöl Ö.
Physiological and Molecular Plant Pathology, vol.131, 2024 (SCI-Expanded)
- II. **beta-CARBOLINE PRODUCTION FROM IN VITRO REGENERATED PEGANUM HARMALA L. PLANT**
Onlu S., Bingöl Ö., TÜRKER M., Ozdemir F. A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12, pp.8447-8451, 2018 (SCI-Expanded)
- III. **Evaluation of Some Berry Quality Characteristics in *Vitis vinifera* cv. Kalecik Karasi Clones**
Keskin N., Bingöl Ö., Kuru I. S.
INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY, vol.14, no.3, pp.461-464, 2012 (SCI-Expanded)
- IV. ***Crepis gemicii* sp nov (Asteraceae) from east Anatolia, Turkey**
YILDIRIM H., Bingöl Ö., Armagan M.
NORDIC JOURNAL OF BOTANY, vol.29, no.1, pp.14-19, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **The effects of the magnetic field on germination and seedling growth of chickpea (*Cicer arietinum* L.) and sunflower (*Helianthus annuus* L.)**
Bingöl Ö., Güdürü S.
Anatolian Journal of Botany, vol.8, no.2, pp.150-156, 2024 (Peer-Reviewed Journal)
- II. **The Effects of Cadmium Concentrations on Germination and Physiological Parameters in Tomato (*Solanum lycopersicum* Lam.)**
BİNGÖL Ö., BATTAL A., EREZ M. E.
Journal of agricultural production (Online), vol.4, no.2, pp.111-116, 2023 (Peer-Reviewed Journal)
- III. **Investigation of the allelopathic effects of lyophilized ethanol extract of *Xanthoparmelia somloensis* (Gyelnik) Hale lichen on tomato plant**
BİNGÖL Ö., BATTAL A., EREZ M. E., ASLAN A.
Anatolian Journal of Botany, vol.6, no.1, pp.39-43, 2022 (Peer-Reviewed Journal)
- IV. **An overview of the cytological, physiological, genetic and morphological effects of *Mentha longifolia* essential oil**

Bozarı S., Ađar G., Efe D., Bingöl Ö.

MSU Fen Bilimleri Dergisi, vol.9, no.2, pp.891-897, 2021 (Peer-Reviewed Journal)

- V. **Fluoxetine and Gundelia tournefortii L. Plant Extract in Rats Exposed to Chronic Immobilization Stress; Determination of Effect on Anxiety, Motor Activity, Kidney and Liver Tissues**
Yüksel H., Bati B., Oto G., Bingöl Ö.
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.17, no.2, pp.138-148, 2020 (Peer-Reviewed Journal)
- VI. **Verbascum cheiranthifolium Boiss. var. asperulum (Boiss.) Murb., Achillea filipendulina Lam. ve Salvia limbata C.A.Mey. Ekstraktlarının Zea mays L. ve Portulaca oleraceae L. Tohumlarında α -Amilaz Aktivitesi Üzerine Allelopatik Etkisi**
Bingöl Ö., Battal P.
Dođu Fen Bilimleri Dergisi / Journal of Natural & Applied Sciences of East, vol.3, no.1, pp.39-49, 2020 (Peer-Reviewed Journal)
- VII. **The Flora of Deveboynu Peninsula (Gevaş-Van/Turkey) and its Environment**
Bingöl Ö., Adıgüzel N., Pınar S. M.
Turkish Journal of Life Sciences, vol.2, pp.117-141, 2017 (Peer-Reviewed Journal)
- VIII. **Verbascum cheiranthifolium Boiss. var. asperulum (Boiss.) Murb. ve Salvia limbata C. A. Mey. Ekstraktlarının Zea mays L. ve Portulaca oleraceae L. Tohumlarının Çimlenmesi Üzerine Allelopatik Etkisinin Araştırılması**
Bingöl Ö., Battal P.
TÜRKİYE TARIMSAL ARAŞTIRMALAR DERGİSİ, vol.4, no.2, pp.176-185, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Microwave Aided Green Synthesis of Silver Nanoparticles Using Green Tea Leaves (Camellia sinensis)**
Bingöl Ö., Dönmez F.
5 TH INTERNATIONAL CONFERENCE ON FOOD AGRICULTURE AND ANIMAL SCIENCES PROCEEDING BOOK, Antalya, Turkey, 23 December 2023 - 26 January 2024, pp.346-351
- II. **The Effects of Magneto Priming on Bread Wheat Germination and Seedling Development**
Battal A., Bingöl Ö., Erez M. E.
4 TH INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES, Sivas, Turkey, 27 - 29 April 2023, pp.76-82
- III. **The Effects of Different Concentrations of Cadmium on Germination and Physiological Parameters in Tomato (Solanum lycopersicum Lam.)**
Bingöl Ö., Battal A., Erez M. E.
4 TH INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES 27-29 APRIL 2023 Sivas, TURKEY, Sivas, Turkey, 27 - 29 April 2023, pp.26
- IV. **THE INVESTIGATION OF THE EFFECT OF STATIC MAGNETIC FIELD APPLICATION ON GERMINATION PARAMETERS OF TOMATO PLANT**
Bingöl Ö.
IV-INTERNATIONAL CONFERENCE OF FOOD, AGRICULTURE, AND VETERINARY SCIENCES, Van, Turkey, 27 - 28 April 2022, pp.39-40
- V. **THE ALLELOPATHIC EFFECT OF ALLIUM AKAKA S. G. GMELIN EXTRACTS ON GERMINATION OF PORTULACA OLERACEA L. WEED**
Bingöl Ö.
II. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2020, pp.227
- VI. **WATER EXTRACT OF HELICHRYSUM PALLASII (SPRENGEL) LEDEB. PREVENTS ROOT DEVELOPMENT OF TOMATO (LYCOPERSICON ESCULENTUM) AND COMMON PURSLANE (PORTULACA OLEARACEA)**
Bingöl Ö., Battal A., Erez M. E.
II. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2020, pp.228

- VII. **The allelopath'c effects of Achillea filipendulina's Water and Metanol Extract on Crop and Purslane Seeds Germination and on Mitotic Indices**
Bingöl Ö., Battal P.
6th International Conference of Ecosystems, Tirana, Albania, 3 - 06 June 2016, pp.84-85
- VIII. **Antioxidants Capacity of Some Endemic and Rare Plants in Turkey**
Pınar S. M., Bingöl Ö., EREZ M. E., FIDAN M.
2nd International Symposium Secondary Metabolites: Chemistry, Biology and Biotechnology, Moskova, Russia, 19 - 23 May 2014, pp.250
- IX. **Deveboynu Yarımadası ve Çevresi (Gevaş-Van) Florası**
Bingöl Ö., Adıgüzel N., Pınar S. M.
21. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 3 - 07 September 2012, pp.631-632
- X. **Investigation of Allelopathic Potential of Six Different Plant on Germination Activity**
Erez M. E., Battal P., Bingöl Ö.
Secondary Metabolites, Denizli, Turkey, 12 - 15 September 2011, pp.13
- XI. **Allelopatik Ekstrakt Uygulanan Bitkilerdeki Hormon ve Şeker Değişimlerinin HPLC Yöntemi ile analizi**
Erez M. E., Battal P., Bingöl Ö.
Kromatografi 2011, Diyarbakır, Turkey, 7 - 10 September 2011, pp.28-29

Supported Projects

Bingöl Ö., Erez M. E., Battal A., Project Supported by Higher Education Institutions, Farklı Kadmiyum Konsantrasyonları Uygulanan Domates (*Solanum lycopersicum* L.) Bitkisinde Liken Ekstraktının (*Xanthoparmelia somloensis* (Gyel.) Hale) Biyoremediasyon Potansiyelinin Araştırılması, 2021 - 2023

Bingöl Ö., GÜDÜRÜ S., Project Supported by Higher Education Institutions, STATİK MANYETİK ALANIN NOHUT (*Cicer arietinum* L.) VE AYÇİÇEĞİ (*Helianthus annuus* L.) TOHURLARI ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI, 2021 - 2022

Metrics

Publication: 23

Citation (WoS): 5

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

6th International Conference of Ecosystems, Attendee, Tiranë, Albania, 2016

21. ulusal biyoloji kongresi, Attendee, İzmir, Turkey, 2012

19. ULUSAL BİYOLOJİ KONGRESİ, Attendee, Trabzon, Turkey, 2008

VIth PLANT LIFE OF SOUTHWEST ASIA SYMPOSIUM, Attendee, Van, Turkey, 2002

Non Academic Experience

YÜZÜNCÜ YIL ÜNİVERSİTESİ