

Assoc. Prof. Abdulhamit Battal

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: CFP-3214-2022

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji, Turkey
2010 - 2016

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji, Turkey
2007 - 2010

Undergraduate, Dokuz Eylul University, Buca Eđitim Fakóltesi, Turkey 2000 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, TILLING for TtBH-1 Gene and Its Hybridization to Turkish Durum Wheat Cultivars Kızıltan-91 and Fuatbey-2000, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyoteknoloji, 2016

Postgraduate, Optimization of Mature Embryo Based Regeneration and Genetic Transformation of Turkish Wheat Cultivars, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyoteknoloji, 2010

Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Cereal Grains (wheat, oats, rye, corn, barley, millets, rice,etc.), Cool Climate Cereals, Alkaloidal Crops (tobacco,tea,coffee,cacao,poppies,cola nuts,chicory,marijuana,etc.), Medicinal Plants, Biotechnology and Genetics, Tissue and Organ Culture, Life Sciences, Plant Biology, Plant Breeding and Genetics, Biochemistry, Plant Biochemistry, Bioinformatics, Biological Information, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics, Plant Molecular Genetics, Genetic Engineering, Natural Sciences

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Eczacılık Fakóltesi, Eczacılık Teknolojisi, 2024 - Continues

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2018 - 2024
Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - 2018
Research Assistant PhD, Van Yüzüncü Yil University, Fen Fakültesi, Biyoloji Bölümü, 2016 - 2016
Research Assistant PhD, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji, 2016 - 2016
Research Assistant, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji, 2007 - 2016

Academic and Administrative Experience

Van Yüzüncü Yil University, Rektörlük - Unip, 2017 - Continues
Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - Continues
Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - Continues
Van Yüzüncü Yil University, Eczacılık Fakültesi, 2018 - 2019
Van Yüzüncü Yil University, Rektörlük - Eğitim Ve Öğretim Kalite Alt Komisyonu, Eğitim Ve Öğretim Kalite Alt Komisyonu, 2017 - 2018
Van Yüzüncü Yil University, Rektörlük - Eğitim Komisyonu, 2017 - 2018

Supervised Theses

Battal A., The investigation of the effects of salicylic acid on oxidative stress index and DNA protective activity of wheatgrass, Postgraduate, S.Demir(Student), 2020
Battal A., DEVE GÜLÜ BİTKİSİNİN İN VİTRO REJENERASYONU, FARKLI VEJETASYON DÖNEMLERİNDE VE STRES ŞARTLARINDA FİTOKİMYASAL İÇERİĞİNİN VE ANTİOKSİDAN KAPASİTESİNİN İNCELENMESİ, Doctorate, G.Görmez(Student), 2019

Jury Memberships

Academic Staff Examination, Yardımcı Doçent Dil Jüri Üyeliği, Van Yüzüncü Yil Üniversitesi, November, 2017
Academic Staff Examination, Araştırma Görevlisi Sınav Jürisi, Van Yüzüncü Yil Üniversitesi, November, 2017
Academic Staff Examination, Yardımcı Doçent Dil Jüri Üyeliği, Van Yüzüncü Yil Üniversitesi, November, 2017
Academic Staff Examination, Araştırma Görevlisi Sınav Jürisi, Van Yüzüncü Yil Üniversitesi, November, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **EXPLORING THE PROTECTIVE EFFECTS OF CHINAR (PLATANUS ORIENTALIS L.) LEAF ON TESTES DAMAGE INDUCED BY ETHANOL IN RAT MODEL**
Yaman T., Doğan A., Keleş Ö. F., Dönmez F., Battal A., Anuk Ö. O.
JOURNAL OF ANIMAL AND PLANT SCIENCES, vol.34, no.2, pp.374-386, 2024 (SCI-Expanded)
- II. **Ameliorative effects of Scutellaria Pinnatifida subsp. pichleri (Stapf) Rech.f. Extract in streptozotocin-induced diabetic rats: chemical composition, biochemical and histopathological evaluation**
Bakaç M. S., Doğan A., Yılmaz M. A., Altındağ F., Dönmez F., Battal A.
BMC Complementary Medicine and Therapies, vol.23, no.1, 2023 (SCI-Expanded)
- III. **EXPLORING THE AMELIORATIVE EFFECTS OF *HYPERICUM SCABRUM* L. ON A SURGICALLY-INDUCED ENDOMETRIOSIS RAT MODEL AND ITS PHYTOCHEMICAL LC-MS/MS- PROFILE**
Ilhan M., Battal A., Kaptaner B., Doğan A., Dönmez F., Yılmaz M., Eroglu H.
FARMACIA, vol.71, no.4, pp.710-721, 2023 (SCI-Expanded)

- IV. **Exploring of the ameliorative effects of Nerium (Nerium oleander L.) ethanolic flower extract in streptozotocin induced diabetic rats via biochemical, histological and molecular aspects**
Battal A., Doğan A., Uyar A., Demir A., Keleş Ö. F., Çelik İ., Baloglu M. C., Aslan A.
Molecular Biology Reports, vol.50, no.5, pp.4193-4205, 2023 (SCI-Expanded)
- V. **Exploring phytochemical constituents of Achillea arabica Kotschy. ethanolic flower extract by LC-MS/MS and its possible antioxidant and antidiabetic effects in diabetic rats**
Hanalp H. C., Doğan A., Kuşman Sayğı T., Dönmez F., Battal A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.78, no.5-6, pp.189-199, 2023 (SCI-Expanded)
- VI. **EXPLORING OF THE AMELIORATIVE EFFECTS OF ETHANOLIC EXTRACT OF THE WHEATGRASS<i>(TRITICUMAESTIVUM</i> L.) ON SURGICALLY INDUCED ENDOMETRIOSIS RAT MODEL**
Adiyaman A., Battal A., İlhan M.
FARMACIA, vol.71, no.2, pp.271-279, 2023 (SCI-Expanded)
- VII. **THE INVESTIGATION OF THE MEDICINAL POTENTIAL OF ALCEA KURDICA ALEF. IN NATURE AND TISSUE CULTURE**
Görmez G., Battal A., Dalar A., Türker M.
FARMACIA, vol.70, no.6, pp.1174-1184, 2022 (SCI-Expanded)
- VIII. **EVALUATION OF THE IN VITRO AND IN VIVO EFFECTS OF THE ETHANOLIC LYOPHILIZED EXTRACT OBTAINED FROM PHOLIOTA AURIVELLA MUSHROOM ON CCI4-INDUCED TOXICITY IN RATS**
Doğan A., Dalar A., Battal A., Uyar A., Sadullohoğlu C., Çelik İ., Uzun Y.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.12, pp.9503-9516, 2019 (SCI-Expanded)
- IX. **Gene editing and mutagenesis reveal inter-cultivar differences and additivity in the contribution of TaGW2homoeologues to grain size and weight in wheat**
Wang W., SIMMONDS J., Pan Q., Davidson D., He F., Battal A., Akhunova A., Trick H. N., UAUY C., Akhunov E.
THEORETICAL AND APPLIED GENETICS, vol.131, no.11, pp.2463-2475, 2018 (SCI-Expanded)
- X. **Investigation of the protective effects of horse mushroom (Agaricus arvensis Schaeff.) against carbon tetrachloride-induced oxidative stress in rats**
Doğan A., Dalar A., SADULLAHOGLU C., Battal A., Uzun Y., Çelik İ., Demirel K.
MOLECULAR BIOLOGY REPORTS, vol.45, no.5, pp.787-797, 2018 (SCI-Expanded)
- XI. **The Genetic Basis of Composite Spike Form in Barley and 'Miracle-Wheat'**
POURSAREBANI N., SEIDENSTICKER T., KOPPOLU R., TRAUTWIG C., GAWRONSKI P., BINI F., GOVIND G., RUTTEN T., SAKUMA S., TAGIRI A., et al.
GENETICS, vol.201, no.1, pp.155-193, 2015 (SCI-Expanded)
- XII. **VECTOR CONSTRUCTION STRATEGIES FOR TRANSFORMATION OF WHEAT PLANT**
Baloglu M. C., Battal A., Aydin G., EROĞLU A., Oz M. T., Kavas M., ÖKTEM H. A., YÜCEL M.
JOURNAL OF ANIMAL AND PLANT SCIENCES, vol.23, no.3, pp.906-912, 2013 (SCI-Expanded)
- XIII. **Synthesis and antibacterial activity of 4-benzoyl-1-(4-carboxy-phenyl)-5-phenyl-1H-pyrazole-3-carboxylic acid and derivatives**
Bildirici İ., ŞENER A., ATALAN E., Battal A., Genç H.
MEDICINAL CHEMISTRY RESEARCH, vol.18, no.5, pp.327-340, 2009 (SCI-Expanded)
- XIV. **Antibacterial activity of some 4-pyridinone derivatives synthesized from 4-pyrones**
ATALAN E., BIYIK H., Battal H., Özdemir K.
Asian Journal of Chemistry, vol.20, no.1, pp.25-31, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **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)

- II. **The Investigation of the Effect of the Salicylic Acid on the Antioxidant Potential, Vitamin C Content and DNA Protection Activity of Wheatgrass (*Triticum aestivum* L.)**
BATTAL A., DEMİR S.
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.25, no.2, pp.471-482, 2022
(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. **Investigation of Neurotoxic and Immunotoxic Effects of the Chinar (*Platanus orientalis* L.) Tree Leaf Infusion Against Ethanol Toxicity in Rats**
Doğan A., Dönmez F., Battal A., Aslan A., Anuk Ö. O.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.2, pp.778-787, 2020 (Peer-Reviewed Journal)
- V. **The Investigation of In Vitro Callus Formation, Regeneration and Micropropagation of Devegülü Hollyhock, a Medicinal Plant**
GÖRMEZ G., BATTAL A., TÜRKER M.
Caucasian Journal of Science, vol.6, no.2, pp.111-123, 2019 (Peer-Reviewed Journal)
- VI. **The Investigation of in vitro callus formation, Regeneration and Micropropagation of Devegülü Hollyhock, a medicinal plant.**
Görmez G., Battal A., Türker M.
Caucasian Journal of Science, vol.6, no.2, pp.12-25, 2019 (Peer-Reviewed Journal)
- VII. **"Tıbbi Öneme Sahip Hatmiler İçin Etkili Bir Çımlendirme Yöntemi: Tohum Kabuğuna Çentik Atılması "**
Battal A., Görmez G., Türker M.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.8, no.3, pp.843-851, 2019 (Peer-Reviewed Journal)
- VIII. **Devegülü Bitkisinin Farklı Vejetasyon Dönemlerindeki Mineral, Ağır Metal ve Protein İçeriğinin Belirlenmesi**
GÖRMEZ G., BATTAL A., DALAR A., TÜRKER M.
Caucasian Journal of Science, vol.6, no.1, pp.1-12, 2019 (Peer-Reviewed Journal)

Books

- I. **ÇINAR (*Platanus orientalis* L.) BİTKİSİNİN KULLANIM ALANLARI VE FARMAKOLOJİK ETKİLERİ**
DOĞAN A., BATTAL A., DÖNMEZ F.
in: SAĞLIK BİLİMLERİNDE GÜNCEL ARAŞTIRMALAR VE PRATİK BİLGİLER 2, UZUN YUSUF, DOĞAN ABDULHAD, BATTAL ABDULHAMİT, Editor, IKSAD PUBLISHING HOUSE, Ankara, pp.189-205, 2023
- II. **Diyabet Tedavisine Bitkisel Yaklaşım**
BATTAL A., DOĞAN A., DÖNMEZ F.
in: Sağlık Bilimlerinde Güncel Araştırmalar ve Pratik Bilgiler I, Yusuf Uzun, Abdullah Dalar, Abdulhamit Battal, Editor, IKSAD International Publishing House, pp.265-294, 2022
- III. ***Urtica dioica* L.**
DOĞAN A., DÖNMEZ F., BATTAL A.
in: Novel Drug Targets With Traditional Herbal Medicines, Fatma Tuğçe Güragaç Dereli, Mert İlhan, Tarun Belwal, Editor, Springer Cham, pp.553-563, 2022
- IV. **Diyabet ve Tedavisinde Kullanılan İlaçlar**
BATTAL A., DOĞAN A., DÖNMEZ F.
in: Sağlık Bilimlerinde Güncel Araştırmalar ve Pratik Bilgiler I, Yusuf Uzun, Abdullah Dalar, Abdulhamit Battal, Editor, IKSAD International Publishing House, pp.247-264, 2022
- V. **Horse mushroom (*Agaricus arvensis* Schaeff.) prevents oxidative stress in carbon tetrachloride toxicity**
Doğan A., İlhan M., Battal A.

in: Toxicology Oxidative Stress and Dietary Antioxidants, Vinood B. Patel, Victor R. Preedy, Editor, Elsevier Science, Oxford/Amsterdam, London, pp.541-549, 2021

VI. **Veri Tabanları Kullanılarak Dizi Karşılaştırılması**

BATTAL A.

in: Biyoinformatik Temelleri ve Uygulamaları, Baloğlu Mehmet Cengiz, Editor, Pegem Akademi, Ankara, pp.46-63, 2020

VII. **Veri Tabanları Kullanılarak Dizi Karşılaştırılması**

Battal A.

in: Biyoinformatik Temelleri ve Uygulamaları, Baloğlu M.C., Editor, Kastamonu Üniversitesi Basımevi, Kastamonu, pp.39-56, 2018

Papers Published in Refereed Scientific Meetings

- I. **Investigation of Total Phenolic and Flavonoid Content of Sugar Beet (*Beta vulgaris* L.) Collected in Four different Locations in Turkey**
MUHAMMED B., DOĞAN A., BATTAL A.
6th INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES, Erzurum, Turkey, 19 December 2024
- II. **Characterization of VTE5 Gene in Bread Wheat (*Triticum aestivum* L.) and Its Partial Sequencing**
Kılıç M., Battal A.
7th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2024), Ankara, Turkey, 2 - 04 October 2024, pp.187
- III. **Determination of the Total Phenolic and Flavonoid Contents of Lyophilized Aqueous Extracts of Ribwort Plantain (*Plantago lanceolata* L.)**
ALAY R., BATTAL A., DOĞAN A.
5th International Conference on Food, Agriculture and Animal Sciences, Antalya, Turkey, 23 - 26 November 2023, pp.103-108
- IV. **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
- V. **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
- VI. **The Effects of Salicylic Acid on Some Physiological and Biochemical Parameters of Bread Wheat Cultivar Bezostaja -1 (*Triticum aestivum* L.)**
Demir S., Battal A.
III. INTERNATIONAL AGRICULTURAL, BIOLOGICAL & LIFE SCIENCE CONFERENCE - AGBIOL 2021, Edirne, Turkey, 1 - 03 September 2021, pp.203
- VII. **WATER EXTRACT OF HELICHRYSUM PALLASII (SPRENGEL) LEDEB. PREVENTS ROOT DEVELOPMENT OF TOMATO (*LYCOPERSICON ESCULENTUM*) AND COMMON PURSLANE (*PORTULACA OLEARECEA*)**
Bingöl Ö., Battal A., Erez M. E.
II. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2020, pp.228
- VIII. **Optimization of Mature Embryo Based Regeneration of Turkish Bread Wheat Cultivar Yüreğir-89 (*Triticum aestivum* L.)**
Battal A., OKTEM H. A., YUCEL M.
1ST INTERNATIONAL GOBEKLITEPE AGRICULTURAL CONGRESS, Şanlıurfa, Turkey, 25 - 27 November 2019, pp.201-206

- IX. Nicking on Seed Coat Increases Germination Rate of Medicinally Important Devegülü Marshmallow Plant**
Battal A., Görmez G., Türker M.
2nd International Conference on Food, Agriculture and Animal Sciences, Antalya, Turkey, 8 - 11 November 2019, pp.193-202
- X. Optimization of Mature Embryo Based regeneration of Mirzabey 2000 Cultivar (*Triticum turgidum durum L.*)**
Battal A., OKTEM H. A., YUCEL M.
2nd International Conference on Food, Agriculture and Animal Sciences, Antalya, Turkey, 8 - 11 November 2019, pp.177-192
- XI. Determination of Chromosome Number and Sequencing of the TtBH-A1 Gene of Branched Wheat Grown in Marmaris**
Battal A., Eroğlu H., Pınar S. M.
1 st International Congress of the Turkish Journal of Agriculture - Food Science and Technology, Antalya, Turkey, 8 - 10 November 2019, pp.87-94
- XII. MODIFIED PARTICLE BOMBARDMENT LOADING SYSTEM INCREASES GENETIC TRANSFORMATION EFFICIENCY**
Battal A., OKTEM H. A., YUCEL M.
International Engineering and Natural Sciences Conference (IENSC 2019), Diyarbakır, Turkey, 6 - 08 November 2019, pp.10
- XIII. The Search of Neurotoxic and Immunotoxic Effects of The Chinar (*Platanus Orientalis L.*) Tree Leaf Infusion Against Ethanol Toxicity in Rats**
Dönmez F., Doğan A., Battal A.
I. International Aromatic Plants and Costmetics Symposium, Iğdır, Turkey, 3 - 06 October 2019, pp.10-11
- XIV. Chemical Compounds Profile of *Pholliota aurivella* Extract and Its Potential Effects on Serum Biochemical Parameters**
DOĞAN A., DALAR A., BATTAL A., SADULLAHOĞLU C., DEMİREL K., ÇELİK İ., UZUN Y.
7th International Congress on Molecular Biology and Biotechnology, Konya, Turkey, 25 - 27 April 2018, pp.393
- XV. Branched Wheat Grown in Marmaris Produces More Spikelets and Grains**
Battal A., Eroğlu H., Pınar S. M.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.7
- XVI. Preliminary In-vitro Tissue Culture Studies on Devegülü, A Medicinal Plant from Van**
Görmez G., Battal A., Dalar A., Türker M.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.31
- XVII. Effect of Vegetation Time on Antioxidant Potential of Devegülü Plant (*Hollyhock*) Grown in Van**
Görmez G., Dalar A., Battal A., Türker M.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.38
- XVIII. Effects of the Mushroom Extract (*Agaricus arvensis* Schaeff.) on Serum Biochemical Parameters Against CCl₄ -induced Oxidative Stress in Rats**
Doğan A., Dalar A., Battal A., Sadullahoğlu C., Demirel K., Çelik İ., Uzun Y.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.364
- XIX. Vaccine Production From Plants**
Battal A.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.20
- XX. The Evaluation of Physiological and Biochemical Responses of Some Durum Wheat (*Triticum turgidum L. var durum*) Cultivars Against Salt Stress**
Yılmaz C., Battal A.
Eurasian BioChem 2018, Ankara, Turkey, 26 - 27 April 2018, pp.212
- XXI. A new perspective to produce biopharmaceuticals: Molecular Pharming**
Battal A., Doğan A., Aslan A.
7th International Congress on Molecular Biology and Biotechnology, Konya, Turkey, 25 - 27 April 2018, pp.392

- XXII. **Pre-Yield Analysis of Kronos Durum Wheat Using Speed Breeding Technology**
Battal A.
7th International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 - 27 April 2018, pp.149
- XXIII. **Speed Breeding Technology in Laboratory for Spring Wheat (SÖZLÜ BİLDİRİ)**
Battal A.
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF), Nevşehir, Turkey, 15 - 17 May 2017, pp.779
- XXIV. **TILLING for Drought and Salt Tolerance (DST) Gene in Tetraploid Wheat (SÖZLÜ BİLDİRİ)**
Battal A., UAUY C.
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF), Nevşehir, Turkey, 15 - 17 May 2017, pp.778
- XXV. **Bazı Makarnalık Buğday Çeşitlerinin Başakçık Sayısını Artıran Mutant TtBH-A1 Geni ile Islah Edilmesi**
Battal A., SIMMONDS J., UAUY C., OKTEM H. A., YUCEL M.
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.182
- XXVI. **Mutation on FZP (FRIZZY PANICLE) leads to increased Spikelet number in Durum Wheat**
Battal A., SIMMONDS J., UAUY C.
SEB's 2015 Annual Main Meeting, Prag, Czech Republic, 30 June - 03 July 2015, pp.192
- XXVII. **Particle bombardment transformation of some Turkish wheat cultivars with TaNAC69-1 and TtNAMB2 genes**
Battal A., BALOGLU M. C., KAVAS M., YUCEL M., OKTEM H. A.
15th European Congress on Biotechnology, İstanbul, Turkey, 23 - 26 September 2012, pp.173
- XXVIII. **Physiological and biochemical effects of boron toxicity on local cultivars of lentil (*Lens culinaris*)**
İnan Genç A., Jahya E., Atılğan S., Patır G., Ünal Y., OZ M. T., BALOGLU M. C., Ercan Akca O., Battal A., OKTEM H. A., et al.
9th PlantGEM (Plant Genomics European Meeting), İstanbul, Turkey, 4 - 07 May 2011, pp.52
- XXIX. **Cloning of Wheat NAC-Type Transcription Factors and Agrobacterium Mediated Transformation of Wheat Mature and Immature Embryos**
BALOGLU M. C., KAVAS M., OZ M. T., Battal A., EROGLU A., Kayıhan C., OKTEM H. A., YUCEL M.
Plant Transformation Technologies II, Viyana, Austria, 19 - 22 February 2011, pp.71
- XXX. **NAC Tipi Transkripsiyon Faktörlerinin Monokot Ekspresyon Vektörüne Klonlanması**
EROGLU A., BALOGLU M. C., Kalemtaş G., Kayıhan C., Aysin F., Battal A., OKTEM H. A., YUCEL M.
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010, pp.157-158
- XXXI. **Serratia marcescens'e Ait Kitinaz A Geninin Tütün Bitkisine Aktarılması**
Okay S., BALOGLU M. C., EROGLU A., Battal A., Özcengiz G., OKTEM H. A., YUCEL M.
XVI. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 13 - 16 December 2009, pp.14-15
- XXXII. **NAC69-1 ve NAM-B2 Genlerinin Buğdaydan İzolasyonu ve Karakterizasyonu**
BALOGLU M. C., Kalemtaş G., EROGLU A., Battal A., Aysin F., Kayıhan C., OKTEM H. A., YUCEL M.
XVI. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 13 - 16 December 2009, pp.92-95
- XXXIII. **Buğday TaNAC69-1 Geni için RNAi (RNA Müdahale) Vektörünün Oluşturulması**
Aysin F., Kayıhan C., BALOGLU M. C., Kalemtaş G., EROGLU A., Battal A., OKTEM H. A., YUCEL M.
XVI. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 13 - 16 December 2009, pp.8-9
- XXXIV. **NAC69-1 ve NAM-B2 Genlerinin İkili Dikot Vektöre Klonlanması ve Agrobacterium'a Aktarılması**
BALOGLU M. C., Kalemtaş G., EROGLU A., Battal A., OKTEM H. A., YUCEL M.
XVI. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 13 - 16 December 2009, pp.96-98
- XXXV. **Cloning of Wheat (*Triticum aestivum*) TaNAC69-1 Gene and Transformation of Wheat Inflorescence by Particle Bombardment**
BALOGLU M. C., Kalemtaş G., EROGLU A., Battal A., OKTEM H. A., YUCEL M.
International Symposium on Biotechnology: Development and Trends, Ankara, Turkey, 27 - 30 September 2009, pp.23

Supported Projects

- Doğan A., Bingöl Ö., Battal A., Dönmez F., Project Supported by Higher Education Institutions, Gökbaş (Cyanus depressus (M.Bieb) Sojk) Bitkisinde Gümüş Nanoparçacıkların Sentezlenmesi Karakterizasyonu ve Biyolojik Aktivitelerinin Araştırılması, 2023 - Continues
- 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
- Battal A., Aslan A., Doğan A., Türkmen Ö., Yılmaz C., Konuş M., BALOĞLU M. C., Project Supported by Higher Education Institutions, İçeriği Zenginleştirilecek Tosunbey Buğday Çeşidinin (Triticum aestivum) Çim Ekstresinden Farmasötik Ürün Prototiplerinin Üretilmesi, 2019 - 2023
- Battal A., ADIYAMAN A., İlhan M., Project Supported by Higher Education Institutions, Buğday Çimi Ekstresinin Ratlarda Cerrahi Olarak Oluşturulmuş Endometriyoz Modeli Üzerindeki Etkilerinin Araştırılması, 2021 - 2022
- İlhan M., Eroğlu H., Kaptaner B., Battal A., Doğan A., Project Supported by Higher Education Institutions, Hypericum scabrum L bitkisinin ratlarda cerrahi olarak oluşturulmuş endometriyoz modeli üzerindeki etkilerinin araştırılması, 2021 - 2022
- Battal A., KILIÇ M., Project Supported by Higher Education Institutions, EKMEKLİK BUĞDAYDA (Triticum aestivum L.) FİTOL KİNAZ GENİNİN EKSPRESYONUNUN ARAŞTIRILMASI, 2020 - 2021
- Battal A., Project Supported by Higher Education Institutions, Mirzabey buğday çeşidinin olgun embriyo kaynaklı doku kültürünün rejenerasyonun optimize edilmesi, 2019 - 2020
- Battal A., KIZILARSLAN S., Project Supported by Higher Education Institutions, Farklı Salisilik Asit Konsantrasyonlarının Bezostaja Buğday Çiminin Oksidatif İndeksine ve DNA Koruyucu Aktivitesine Etkileri, 2019 - 2020
- Battal A., Project Supported by Higher Education Institutions, Van Yöresinden Bazı Tıbbi Bitkilerin Tohumlarının Toplanması, 2018 - 2019
- Battal A., TÜRKER M., GÖRMEZ G., Project Supported by Higher Education Institutions, DEVE GÜLÜ BİTKİSİNİN İN VİTRO REJENERASYONU, FARKLI VEJETASYON DÖNEMLERİNDE VE STRES ŞARTLARINDA FİTOKİMYASAL İÇERİĞİNİN VE ANTİOKSİDAN KAPASİTESİNİN İNCELENMESİ, 2017 - 2019
- Battal A., Pınar S. M., Eroğlu H., Project Supported by Higher Education Institutions, Marmaris Yöresinde Tespit Edilen Dallanmış Başak Yapısına Sahip Buğdayın Araştırılması, 2017 - 2019
- Battal A., Aslan A., Doğan A., BALOĞLU M. C., Project Supported by Higher Education Institutions, Farklı Dozlarda ki Zakkum Nerium oleander Çiçeği Ekstraktlarının Diyabetli Sıçanlarda GLUT2 Gen Ekspresyon Seviyeleri Üzerine Etkilerinin Araştırılması, 2017 - 2019
- Battal A., Project Supported by Higher Education Institutions, Chia Salvia hispanica L Tohumlarının Çimlenme Testlerinin Araştırılması, 2017 - 2017
- Doğan A., Battal A., SADULLAHOĞLU C., Çelik İ., Uzun Y., Dalar A., Demirel K., Project Supported by Higher Education Institutions, CCI4 İle Oksidatif Stres Oluşturulan Sıçanlarda Agaricus arvensis Ve Pholiota aurivella Mantar Türlerinin Antioksidan Etkilerinin İn vitro Ve İn vivo Olarak Belirlenmesi, 2016 - 2017
- Battal A., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Türk Buğday Çeşitlerinin Olgunlaşmış Embriyo Kaynaklı Rejenerasyonunun ve Genetik Transformasyonunun Optimize Edilmesi, 2009 - 2010

Memberships / Tasks in Scientific Organizations

- Society of Experimental Biology, Member, 2015 - 2016
- Türkiye Biyoteknoloji Derneği, Member, 2008 - 2016
- Federation of European Biochemical Societies, Member, 2009 - 2010

Peer Reviews in Scientific Publications

Kastamonu University Journal of Engineering and Sciences, National Scientific Refreed Journal, December 2019

Turkish Journal of Biology, SCI Journal, August 2019
Kastamonu University Journal of Engineering and Sciences, National Scientific Refreed Journal, June 2019
Turkish Journal of Biology, SCI Journal, June 2019
Kastamonu University Journal of Forestry Faculty, SCI Journal, April 2019
Turkish Journal of Botany, SCI Journal, February 2019
Turkish Journal of Biology, SCI Journal, May 2018
Vegetos, Other Indexed Journal, July 2017
Vegetos, Other Indexed Journal, July 2017
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Turkish journal of biology, SCI Journal, July 2017
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Turkish journal of biology, SCI Journal, June 2017
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Turkish journal of biology, SCI Journal, October 2016
Turkish journal of biology, SCI Journal, October 2016
Turkish journal of biology, SCI Journal, October 2016
Turkish journal of biology, SCI Journal, October 2016

Scientific Research / Working Group Memberships

BATTAL LAB, VAN YÜZÜNCÜ YIL ÜNİVERSİTESİ, Turkey, <http://hamitbattal.wixsite.com/battallab/about>, 2016 - Continues

International Wheat Genome Sequencing Consortium, International Wheat Genome Sequencing Consortium, Belgium, 2015 - Continues

Metrics

Publication: 67

Citation (WoS): 177

Citation (Scopus): 258

H-Index (WoS): 5

H-Index (Scopus): 5

Congress and Symposium Activities

International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017), Session Moderator, Nevşehir, Turkey, 2017

Scholarships

Öğretim Üyesi Yetiştirme Programı, Other Government Agencies, 2006 - 2016

Yurt Dışı Doktora Sırası Uluslararası Araştırma Bursu, TÜBİTAK, 2013 - 2014

Awards

Battal A., Doktora Öğrencileri İçin Seyahat Bursu, Society of Experimental Biology, June 2015

Battal A., Ders Performans Ödülü, ODTÜ, May 2012

Non Academic Experience

State Agency, John Innes Centre

John Innes Centre, Ziyaretçi Araştırmacı