

Assoc. Prof. NECLA PEHLİVAN GEDİK

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAU-4505-2020

ScopusID: 57189219889

Yoksis Researcher ID: 153448

Biography

<http://neclapehlivan.weebly.com/>

Education Information

Undergraduate, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, İngiliz Dili ve Edebiyatı Bölümü, Turkey 2019 - Continues

Post Doctorate, Universidad de Castilla-La Mancha, Spain 2023 - 2023

Post Doctorate, Louisiana State University, Spess, Plant Science, United States Of America 2017 - 2018

Post Doctorate, Universiteit van Amsterdam, Swammerdam Institute For Life Sciences, Netherlands 2017 - 2017

Doctorate, Texas Tech University, Department Of Biological Sciences , United States Of America 2013 - 2015

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2015

Postgraduate, Recep Tayyip Erdogan University, Lisansüstü Eğitim Enstitüsü, Turkey 2009 - 2011

Postgraduate, Alsia – Agrobios, Italy 2009 - 2010

Undergraduate, Karadeniz Technical University, Biyoloji, Turkey 2004 - 2008

Foreign Languages

English, C1 Advanced

Arabic, A1 Beginner

Certificates, Courses and Trainings

Project Management, Ufuk2020 Marie Skłodowska-Curie , TÜBİTAK, 2021

Education Management and Planning, Eğiticinin Eğitimi , Recep Tayyip Erdoğan Üniversitesi, 2019

Education Management and Planning, Amateur Denizci Eğitimi, T.C. Başbakanlık Denizcilik Müsteşarlığı Rize Liman Başkanlığı, 2018

Other, Ethics for Public Servants, Louisiana Board of Ethics, 2017

Education Management and Planning, TÜBİTAK-2237 Proje Eğitimi Etkinliklerini Destekleme Programı, TÜBİTAK-KTU, Trabzon, TÜRKİYE, 2015

Security, Agricultural pesticide safety training, Environmental Protection Agency (EPA) ABD, 2014

Education Management and Planning, Using radioisotopes to label nucleic acids, Texas Tech Environmental Health, ABD, 2013

Dissertations

Doctorate, Increasing Salt Stress Tolerance in transgenic Arabidopsis thaliana by AtNHX1 and SOS-1 Co-Overexpression- partially by Texas Tech University, Department of Biological Sciences USA from 2013-15, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, 2015

Postgraduate, Analysing expression pattern of drought tolerant ATHB7 gene in transgenic tomato plant (Solanum lycopersicum cv. UC82MA 35S::ATHB7)- partially by Metapontum AGROBIOS, ITALY from 2009-10, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, 2011

Research Areas

Life Sciences, Plant Biology, Biotechnology, Plant Biotechnology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2019 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2018 - 2018

Researcher, Louisiana State University, Agricultural Center, ,, 2017 - 2018

Research Assistant PhD, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2015 - 2018

Researcher, Texas Tech University, Experimental Science, 2014 - 2015

Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2009 - 2015

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2019 - Continues

Adaptation/Exemption Committee Member, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2020 - 2021

Bölüm Dış İlişkiler Komisyonu Başkanı, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2019 - 2021

Erasmus Program Department Coordinator, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2018 - 2021

Akreditasyon, Sürekli Gelişim ve Yenilenme Kurulu Üyesi, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2019 - 2019

Courses

Plant Molecular Genetics, Postgraduate, 2020 - 2021

Scientific&Technical English , Undergraduate, 2021 - 2022

Gene Expression Analysis, Postgraduate, 2019 - 2020

Genetically Modified Organisms and Biosafety, Undergraduate, 2018 - 2019

Advising Theses

Pehlivan N., *Arabidopsis thaliana* SOS1 ve NHX1 transgeniklerinde tuz ve yüksek sıcaklık streslerine ilişkin markör gen ifade profilleri, Postgraduate, N.KAHRAMAN(Student), 2022

Jury Memberships

Doctorate, Doctorate, Recep Tayyip Erdoğan Üniversitesi, July, 2021

Doctoral Examination, Juri üyesi, RTEÜ, December, 2018

Doctoral Examination, Juri üyesi, Kastamonu Üniversitesi, October, 2018

Doctorate, Doktora Juri Üyesi, RTEÜ, August, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Recep Tayyip Erdoğan Üniversitesi, January, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Bamboo biochar helps minimize Brassica phytotoxicity driven by toxic metals in naturally polluted soils of four mine zones**
Emamverdian A., Ghorbani A., Pehlivan N., Li Y., Zargar M., Liu G.
ENVIRONMENTAL TECHNOLOGY AND INNOVATION, pp.1-11, 2024 (SCI-Expanded)
- II. **Iron nanoparticles in combination with other conventional Fe sources remediate mercury toxicity-affected plants and soils by nutrient accumulation in bamboo species**
Emamverdian A., Pehlivan N., Khalofah ., Li Y., Chen M., Liu G.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.278, pp.1-15, 2024 (SCI-Expanded)
- III. **Brassinolide ameliorates the detrimental effects of As in tomato: Insights into Fe and As absorption, glyoxalase cycle, nitrogen and sulfur assimilation**
Emamverdian G., Pehlivan N., Ghorbani A., Barker J., Liu G., Zargar M., Chen M.
Horticultural Plant Journal, vol.10, no.3, pp.1-24, 2024 (SCI-Expanded)
- IV. **Synergistic role of melatonin and hydrogen sulfide in modulating secondary metabolites and metal uptake/sequestration in arsenic-stressed tomato plants**
Ghorbani A., Pehlivan N., Zargar M., Chen M.
SCIENTIA HORTICULTURAE AN INTERNATIONAL JOURNAL, vol.331, pp.21-36, 2024 (SCI-Expanded)
- V. **Nano-enabled Agrochemicals: Mitigating heavy metal toxicity and enhancing crop adaptability for sustainable crop production**
Ghorbani A., Emamverdian A., Pehlivan N., Zargar M., Razavi S. M., Chen M.
JOURNAL OF NANOBIO TECHNOLOGY, vol.1, no.11, pp.1-29, 2024 (SCI-Expanded)
- VI. **Exogenous application of jasmonates and brassinosteroids alleviates lead toxicity in bamboo by altering biochemical and physiological attributes.**
Emamverdian A., Khalofah A., Pehlivan N., Zia-Ur-Rehman M., Li Y., Zargar M.
Environmental science and pollution research international, vol.31, no.5, pp.7008-7026, 2024 (SCI-Expanded)
- VII. **Co-application of melatonin and zeolite boost bamboo tolerance under cadmium by enhancing antioxidant capacity, osmolyte accumulation, plant nutrient availability, and decreasing cadmium absorption**
Emamverdian A., Ghorbani A., Pehlivan N., Alwahibi M., Elshikh M., Liu G., Li Y., Barker J., Zargar M., Chen M.
SCIENTIA HORTICULTURAE, vol.322, pp.22-32, 2023 (SCI-Expanded)
- VIII. **Non-native and native tree species plantations and seasonality could have substantial impacts on the**

diversity of indigenous soil fauna in a semi-arid forest ecosystem

Karamian M., Mirzaei J., Heydari M., Mirab-Balou M., Kooch Y., Pehlivan N.

ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.195, no.11, pp.1268, 2023 (SCI-Expanded)

- IX. **Tea-based biochar-mediated changes in cation diffusion homeostasis in rice grown in heavy metal (loid) contaminated mining soil**
Pehlivan N., Gedik K., Wang J. J.
PLANT PHYSIOLOGY AND BIOCHEMISTRY, vol.201, 2023 (SCI-Expanded)
- X. **Responsible Mechanisms for the Restriction of Heavy Metal Toxicity in Plants via the Co-Foliar Spraying of Nanoparticles**
Emamverdian A., Ghorbani A., Li Y., Pehlivan N., Barker J., Ding Y., Liu G., Zargar M.
AGRONOMY-BASEL, vol.13, no.7, 2023 (SCI-Expanded)
- XI. **Characterization of a Stress-Enhanced Promoter from the Grass Halophyte, *Spartina alterniflora* L.**
Sengupta S., Pehlivan N., Mangu V., Rajasekaran K., Baisakh N.
BIOLOGY-BASEL, vol.11, no.12, 2022 (SCI-Expanded)
- XII. **Sulfur and Potentially Toxic Elements in Soils and Various Organs of Oak Trees (*Quercus brantii* Lindl.) in Zagros Forests: the Effect of a Gas Refinery**
Dadkhah-Aghdash H., Pehlivan N.
JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION, vol.22, no.3, pp.2821-2834, 2022 (SCI-Expanded)
- XIII. **Harboured cation/proton antiporters modulate stress response to integrated heat and salt via up-regulating KIN1 and GOLSI in double transgenic Arabidopsis**
Kahraman N., Pehlivan N.
FUNCTIONAL PLANT BIOLOGY, vol.49, pp.1070-1084, 2022 (SCI-Expanded)
- XIV. **Coping with the un-natural: Tracking transcriptional activation and macromolecular profiles in Arabidopsis under microplastic exposure**
Pehlivan N., Gedik K.
ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.199, 2022 (SCI-Expanded)
- XV. ***Pseudomonas putida* KT2440 induces drought tolerance during fruit ripening in tomato**
Sağlam A., Demiralay M., Çolak D. N., Pehlivan N., Başok O., Kadioğlu A.
BIOAGRO, vol.34, no.2, pp.1-11, 2022 (SCI-Expanded)
- XVI. **The organ level atmospheric element signatures of native *Pistacia atlantica* in semi-arid forests linked to the Ilam Gas Refinery, Iran**
Dadkhah-Aghdash H., Pehlivan N.
PLANT AND SOIL, vol.475, no.1-2, pp.293-308, 2022 (SCI-Expanded)
- XVII. **Effects of *Azorhizobium caulinodans* and *Piriformospora indica* Co-Inoculation on Growth and Fruit Quality of Tomato (*Solanum lycopersicum* L.) under Salt Stress**
Xu Z., Pehlivan N., Ghorbani A., Wu C.
HORTICULTURAE, vol.8, no.4, 2022 (SCI-Expanded)
- XVIII. **Transcriptional insights into Cu related tolerance strategies in maize linked to a novel tea-biochar**
Pehlivan N., Wang J. J.
ENVIRONMENTAL POLLUTION, vol.293, 2022 (SCI-Expanded)
- XIX. **Quo vadis: signaling molecules and small secreted proteins from mycorrhizal fungi at the early stage of mycorrhiza formation**
Wu C., Qu J., Liu L., Kang H., Sun H., Zhang Y., Ghorbani A., PEHLIVAN GEDİK N.
SYMBIOSIS, vol.85, no.2, pp.123-143, 2021 (SCI-Expanded)
- XX. **Nitric oxide could allay arsenic phytotoxicity in tomato (*Solanum lycopersicum* L.) by modulating photosynthetic pigments, phytochelatin metabolism, molecular redox status and arsenic sequestration**
Ghorbani A., Pishkar L., Roodbari N., Pehlivan N., Wu C.
PLANT PHYSIOLOGY AND BIOCHEMISTRY, vol.167, pp.337-348, 2021 (SCI-Expanded)
- XXI. **Particle size-dependent biomolecular footprints of interactive microplastics in maize**
Pehlivan N., Gedik K.

ENVIRONMENTAL POLLUTION, vol.277, 2021 (SCI-Expanded)

- XXII. **Dynamic interactions of *Trichoderma harzianum* TS 143 from an old mining site in Turkey for potent metal(oid)s phytoextraction and bioenergy crop farming**
PEHLIVAN GEDİK N., GEDİK K., ELTEM R., Terzi E.
JOURNAL OF HAZARDOUS MATERIALS, vol.403, 2021 (SCI-Expanded)
- XXIII. **Defensive manoeuvres of NHX1 and SOS1 co/overexpression in plant salt tolerance**
Pehlivan N., Sun L., Mishra N.
TURKISH JOURNAL OF BOTANY, vol.44, no.4, pp.367-376, 2020 (SCI-Expanded)
- XXIV. **Stochasticity in transcriptional expression of a negative regulator of Arabidopsis ABA network**
Pehlivan N.
3 BIOTECH, vol.9, no.1, 2019 (SCI-Expanded)
- XXV. **Protective effect of a natural ally on simultaneous mild heat and salt episodes in maize seedlings**
Pehlivan N., Guler N. S.
ACTA PHYSIOLOGIAE PLANTARUM, vol.40, no.12, 2018 (SCI-Expanded)
- XXVI. **Co-overexpression of AVP1 and PP2A-C5 in Arabidopsis makes plants tolerant to multiple abiotic stresses**
SUN L., Pehlivan N., Esmaeili N., JIANG W., YANG X., JARRETT P., MISHRA N., ZHU X., CAI Y., HERATH M., et al.
PLANT SCIENCE, vol.274, pp.271-283, 2018 (SCI-Expanded)
- XXVII. **Salt stress relief potency of whortleberry extract biopriming in maize**
Pehlivan N.
3 BIOTECH, vol.8, 2018 (SCI-Expanded)
- XXVIII. **The Effects of Transcription Directions of Transgenes and the gypsy Insulators on the Transcript Levels of Transgenes in Transgenic Arabidopsis**
JIANG W., SUN L., YANG X., WANG M., Esmaeili N., Pehlivan N., ZHAO R., Zhang H., ZHAO Y.
SCIENTIFIC REPORTS, vol.7, 2017 (SCI-Expanded)
- XXIX. **Salt stress resilience potential of a fungal inoculant isolated from tea cultivation area in maize**
Durmus N., Yesilyurt A. M., Pehlivan N., Karaoglu S. A.
BIOLOGIA, vol.72, no.6, pp.619-627, 2017 (SCI-Expanded)
- XXX. **Overexpression of the Rice SUMO E3 Ligase Gene OsSIZ1 in Cotton Enhances Drought and Heat Tolerance, and Substantially Improves Fiber Yields in the Field under Reduced Irrigation and Rainfed Conditions**
Mishra N., Sun L., Zhu X., Smith J., Srivastava A. P., Yang X., Pehlivan N., Esmaeili N., Luo H., Shen G., et al.
PLANT AND CELL PHYSIOLOGY, vol.58, no.4, pp.735-746, 2017 (SCI-Expanded)
- XXXI. ***Trichoderma lixii* ID11D seed biopriming mitigates dose dependent salt toxicity in maize**
Pehlivan N., Yesilyurt A. M., Durmus N., Karaoglu S. A.
ACTA PHYSIOLOGIAE PLANTARUM, vol.39, no.3, 2017 (SCI-Expanded)
- XXXII. **Exogenous low-dose hydrogen peroxide enhances drought tolerance of soybean (*Glycine max* L.) through inducing antioxidant system.**
Guler N. S., Pehlivan N.
Acta Biologica Hungarica, vol.67, pp.169-183, 2016 (SCI-Expanded)
- XXXIII. ***Trichoderma atroviride* ID20G inoculation ameliorates drought stress-induced damages by improving antioxidant defence in maize seedlings**
Guler N. S., Pehlivan N., Karaoglu S. A., Guzel S., Bozdeveci A.
ACTA PHYSIOLOGIAE PLANTARUM, vol.38, no.6, 2016 (SCI-Expanded)
- XXXIV. **EXOGENOUS LOW-DOSE HYDROGEN PEROXIDE ENHANCES DROUGHT TOLERANCE OF SOYBEAN (*GLYCINE MAX* L.) THROUGH INDUCING ANTIOXIDANT SYSTEM**
SARUHAN GÜLER N., Pehlivan N.
ACTA BIOLOGICA HUNGARICA, vol.67, no.2, pp.169-183, 2016 (SCI-Expanded)
- XXXV. **Co-overexpressing a Plasma Membrane and a Vacuolar Membrane Sodium/Proton Antiporter Significantly Improves Salt Tolerance in Transgenic Arabidopsis Plants**
Pehlivan N., Sun L., Jarrett P., Yang X., Mishra N., Chen L., KADIOĞLU A., Shen G., Zhang H.

PLANT AND CELL PHYSIOLOGY, vol.57, no.5, pp.1069-1084, 2016 (SCI-Expanded)

XXXVI. Evaluation of genetic diversity of cultivated tea clones (*Camellia sinensis* (L.) Kuntze) in the eastern black sea coast by inter-simple sequence repeats

Beris F., Pehlivan N., Kac M., Haznedar A., Coskun F., Sandalli C.

Genetika-Belgrade, vol.48, pp.87-96, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Variation of response patterns associated with an avirulent plant symbiont directed defense gene expressions in maize exposed to toxic elements**
Pehlivan N.
European Journal of Biology, vol.80, no.1, pp.35-41, 2021 (Peer-Reviewed Journal)
- II. **Role of H₂O₂ on photosynthetic characteristics of soybean genotypes under low water input**
Saruhan Güler N., Pehlivan N.
Sakarya University Journal Of Science, vol.24, no.1, 2020 (Peer-Reviewed Journal)
- III. **Salt Stress Triggered Changes in Osmoregulation and Antioxidants in Herbaceous Perennial Inula Plants (Asteraceae)**
Pehlivan N., Guler N. S.
ALINTERI JOURNAL OF AGRICULTURE SCIENCES, vol.34, no.1, pp.39-46, 2019 (ESCI)
- IV. **Characterization of Local *Trichoderma* spp. as Potential Bio-Control Agents, Screening of in vitro Antagonistic Activities and Fungicide Tolerance**
Alpay Karaoğlu Ş., BOZDEVECİ A., PEHLİVAN GEDİK N.
Hacettepe Journal of Biology and Chemistry, vol.46, no.2, pp.247-261, 2018 (Peer-Reviewed Journal)
- V. **The Effect of *Trichoderma* Seed Priming to Drought Resistance in Tomato (*Solanum lycopersicum* L.) Plants**
Pehlivan N., Saruhan Güler N., Alpay Karaoğlu Ş.
Hacettepe Journal of Biology and Chemistry, vol.46, no.2, pp.263-272, 2018 (Peer-Reviewed Journal)
- VI. **Characterization of local *Trichoderma* spp. as potential biocontrol agents, screening of in-vitro antagonistic activities and fungisit tolerance**
Alpay Karaoğlu Ş., Bozdeveci A., Pehlivan N.
HACETTEPE JOURNAL OF BIOLOGY AND CHEMİSTRY, vol.46, no.2, pp.247-261, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Role of nanomaterials for alleviating heavy metal toxicity in plants**
Emamverdian A., Barker J., Pehlivan N., Ghorbani A.
in: Nanotechnology for Abiotic Stress Tolerance and Management in Crop Plants, Ramesh Namdeo Pudake, Ravi Mani Tripathi, Sarvajeet Singh Gill, Editor, Elsevier Science, Oxford/Amsterdam, Oxford, pp.2-22, 2024

Refereed Congress / Symposium Publications in Proceedings

- I. **Studying synthetic alleles of MUTE, a master regulator of stomatal development**
Illescas J., Saiz-Perez J., Martin-Forero A., Martin-Trillo M., Pehlivan N., Fenoll C., Mena M.
Plant Biology 2023, Braga, Portugal, 9 - 12 July 2023, pp.284
- II. **Plastic pollution facts: Impact on plants**
Pehlivan N., Gedik K.
XXXIII RAFV 2021, Santa Fe, Argentina, 13 - 16 September 2021, pp.1
- III. **Stress specific regulation of a monocot chromatin factor under inducible and constitutive promoters**

in Arabidopsis

Pehlivan N., Baisakh N.

The 45th FEBS Congress, Ljubljana, Slovenia, 3 - 08 July 2021, pp.1

- IV. **Stress specific regulation of a monocot chromatin factor under inducible and constitutive promoters in Arabidopsis**
Pehlivan N., Baisakh N.
20th FEBS Young Scientists' Forum , Rijeka, Croatia, 15 - 18 June 2021, pp.1
- V. **Toxic signatures of the most prevalent microplastics on maize**
Pehlivan N., Gedik K.
18th Current Trends in Natural Sciences, Pitesti, Romania, 28 - 30 May 2021, pp.1
- VI. **Synergistic links between plant metal(oid)-stress regulation and biofuel utilization**
Pehlivan N., Gedik K., Eltem R., Terzi E.
3rd Bioenergy Studies Symposium, Ankara, Turkey, 20 - 21 May 2021, pp.1
- VII. **A renewable energy chaperone for biofuel production by heavy metal(oid)s contaminated soil grown maize**
Pehlivan N., Eltem R.
9th International Molecular Biology and Biotechnology Congress, 6 - 10 December 2020, pp.11-12
- VIII. **Actin Depolymerizing Factor 2 of a halophyte *Spartina alterniflora* imparts drought tolerance when constitutively overexpressed in tobacco**
Pehlivan N., Mangu V., Rajasekaran K., Baisakh N.
Impact of Chromatin Domains on Plant Phenotypes, Madrid, Spain, 9 - 11 December 2019, pp.22
- IX. **Isolation and characterization of a stress-inducible promoter from the grass halophyte, *Spartina alterniflora* L**
Sengpta S., PEHLİVAN GEDİK N., Mangu V., Rajasekaran K., Baisakh N.
SS-The American Society of Plant Biologists, New Orleans, United States Of America, 24 - 26 March 2018
- X. **Organic berry fruit extract protects salt stressed plants through priming"**
Pehlivan Gedik N.
5th MacroTrend Conference on Applied Science, Paris, France, 28 - 29 December 2017
- XI. **Salt stress resilience potential of *Trichoderma* spp. in maize crop**
PEHLİVAN GEDİK N., Yesliyurt M., DURMUŞ N., ALPAY KARAOĞLU Ş.
12th International Symposium on Agriculture, Dubrovnik, Croatia, 12 - 17 February 2017, vol..
- XII. **Application Of A Local Fungal Agent On Maize Seedlings To Improve Drought Stress Tolerance.**
BOZDEVECİ A., PEHLİVAN GEDİK N., ALPAY KARAOĞLU Ş., SARUHAN GÜLER N., GÜZEL İZMİRLİ Ş.
1st International Black Sea Congress On Environmental Sciences (IBCESS), Giresun, Turkey, 31 August - 03 September 2016
- XIII. **Application of a Local Fungal Agent on Maize Seedlings to Improve Drought Stress Tolerance**
PEHLİVAN GEDİK N., Saruhan Güler N., ALPAY KARAOĞLU Ş., Bozdeveci A.
International Black Sea Congress on Environmental Sciences, Giresun, Turkey, 31 August - 03 September 2016
- XIV. **Effects of Hydrogen Peroxide Spraying on Drought Stress in Soybean**
PEHLİVAN GEDİK N., Saruhan Güler N.
International Conference on Engineering and Natural Sciences, Sarajevo, Bosnia And Herzegovina, 24 - 28 June 2016
- XV. **The effect of *Trichoderma harzianum* ID20G inoculation on Drought stress and growth in *Zea mays***
BOZDEVECİ A., PEHLİVAN GEDİK N., ALPAY KARAOĞLU Ş., SARUHAN GÜLER N., GÜZEL İZMİRLİ Ş.
1. Ulusal Bitki Fizyolojisi Sempozyumu, Erzurum, Turkey, 1 - 04 September 2015
- XVI. **The effect of *Trichoderma harzianum* ID20G inoculation on drought stress and growth in *Zea mays***
Saruhan Güler N., PEHLİVAN GEDİK N., Bozdeveci A., ALPAY KARAOĞLU Ş.
I. Ulusal Bitki Fizyolojisi Sempozyumu, Erzurum, Turkey, 1 - 04 September 2015
- XVII. **Overexpressing AtNHX1 and SOS1 simultaneously in Arabidopsis additively improve salt stresses tolerance.**
PEHLİVAN GEDİK N., SUN L., Jarret P., Sheng G., Yang X., Zhang H.

Plant Biology, Minnesota, United States Of America, 26 - 30 July 2015

- XVIII. The Feasibility of Creating Additive Salt-Tolerant Arabidopsis thaliana by Multi-Gene Co-Overexpression.**
PEHLİVAN GEDİK N., SUN L., Jarret P., Zhang H.
Society for Experimental Biology (SEB) annual meeting, Prag, Czech Republic, 30 June 2015 - 03 July 2016
- XIX. Characterization of the genetic diversity of tea cultivars from Turkey's Black Sea coast by using ISSR markers**
PEHLİVAN GEDİK N., BERİŞ F. Ş., Akkaya M., ATAMOV V., Haznedar A., Coşkun F., SANDALLI C.
Symposium on Eurasian Biodiversity, Baku, Azerbaijan, 1 - 05 June 2015, vol.1, no.1, pp.156
- XX. The yield difference between wild-type cotton and transgenic cotton that expresses IPT is dependent on when water-deficit is applied.**
PEHLİVAN GEDİK N., SUN L., Zhu X., Esmaeili N., Zhang H., Payton P.
Plant Biology, Oregon, United States Of America, 12 - 16 July 2014
- XXI. Determining of RAPD Profiles of Camellia sinensis to generate SCAR markers**
Sandallı A., Kac M., BERİŞ F. Ş., PEHLİVAN GEDİK N., Haznedar A., ÜLKER S., SANDALLI C.
3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia And Herzegovina, 2 - 04 June 2014
- XXII. Development of transgenic Arabidopsis plants that can tolerate multiple stresses such as drought, heat, and salt**
JARRETT P., PEHLİVAN GEDİK N., SUN L.
URC14, Texas, United States Of America, 15 - 17 April 2014, pp.48
- XXIII. Trichoderma harzianum ID20G inoculation ameliorates drought stress induced damages by improving antioxidant defence in maize seedling**
BOZDEVECİ A., PEHLİVAN GEDİK N., SARUHAN GÜLER N., GÜZEL İZMİRLİ Ş., ALPAY KARAOĞLU Ş.
ICOEST 2013-CAPPADOCIA, Nevşehir, Turkey, 18 - 21 June 2013
- XXIV. Trichoderma harzianum ID20G Inoculation Ameliorates Drought Stress Induced Damages by Improving Antioxidant Defence in Maize Seedlings**
PEHLİVAN GEDİK N., Bozdeveci A., Saruhan Güler N., ALPAY KARAOĞLU Ş.
International Conference on Environmental Science and Technology, Nevşehir, Turkey, 18 - 21 June 2013, pp.748-749
- XXV. Monitoring Expression Levels of Arabidopsis Transcription Factor ATHB7 in Engineered Tomato Transgenics**
PEHLİVAN GEDİK N., Iannacone R.
First International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 23 - 24 November 2012
- XXVI. Cloning and Sequencing of a Versatile Calcium Binding Integral Membrane-Bound Chaperone of ER gene : Calnexin in Ctenanthe setosa**
PEHLİVAN GEDİK N., Saruhan Güler N., Kadioğlu A., SANDALLI C.
First International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 23 - 24 November 2012
- XXVII. Cloning and sequence analysis of Ascorbat peroxidase gene in Ctenanthe setosa plant (Marantaceae) that have the leaf-rolling mechanism.**
PEHLİVAN GEDİK N., Saruhan Güler N.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012
- XXVIII. The effect of low-dose hydrogen peroxide pre-treatment on drought tolerance**
Saruhan Güler N., PEHLİVAN GEDİK N.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012
- XXIX. Expression profile of drought tolerant ATHB7 gene in transgenic tomato plants (Solanum lycopersicum cv. UC82MA 35S::ATHB7, Solanaceae).**
PEHLİVAN GEDİK N., Iannacone R., Taddonio G., Quinto R.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012

XXX. Anatomical changes of *Glycine max* L. (Fabaceae) under drought stress

Saruhan Güler N., MAKBUL S., DURMUŞ N., GÜVEN S., PEHLİVAN GEDİK N.

20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010

Supported Projects

Pehlivan N., TUBITAK Project, In vitro PS nanoparticle toxicity in heat-stressed tomato plants, 2023 - 2025

Pehlivan N., TUBITAK Project, Arabidopsis ve Vitis vinifera`da stomatal gelişimde rol oynayan transkripsiyon faktörlerinin fonksiyonel analizi, 2022 - 2023

Pehlivan N., Gedik K., TUBITAK Project, Çeltikte ağır metal(oid) akümülyasyonuna karşı çay bazlı biyokömür aracılı makromoleküler değişimler, 2021 - 2022

PEHLİVAN GEDİK N., Kahraman N., Project Supported by Higher Education Institutions, Arabidopsis thaliana SOS1 VE NHX1 TRANSGENİKLERİNDE TUZ VE YÜKSEK SICAKLIK STRESLERİNE İLİŞKİN MARKÖR GEN İFADE PROFİLLERİ, 2021 - 2022

Pehlivan N., Project Supported by Higher Education Institutions, Arabidopsis transgeniklerinde eş zamanlı streslere ilişkin marker gen ifade profilleri, 2021 - 2022

Pehlivan N., Gedik K., Project Supported by Higher Education Institutions, Mısırdaki bakır stresine karşı çay türevli biyokömüre bağlı moleküler tolerans modifikasyonları, 2021 - 2022

Pehlivan Gedik N., Gedik K., TUBITAK Project, Mısırdaki mikropplastiklere verilen hücresel yanıtlar, 2021 - 2022

PEHLİVAN GEDİK N., ELTEM R., Project Supported by Higher Education Institutions, Fitoremediasyonda kullanılabilme potansiyeli olan fungal izolatların genus spesifik marker genlere dayalı teşhisi, 2020 - 2020

Gedik K., Pehlivan N., TUBITAK Project, Yerel Bir Trichoderma İzolatı Kullanılarak Terkedilmiş Maden Sahalarının Islah Potansiyelinin Arttırılması, 2018 - 2020

Pehlivan N., TUBITAK Project, Development and evaluation of biochar products for agronomic and environmental applications, 2019 - 2019

PEHLİVAN GEDİK N., SARUHAN GÜLER N., Project Supported by Higher Education Institutions, Kombine Streslerin Toleransında Doza Bağımlı Melatonin Etkisi, 2018 - 2019

PEHLİVAN GEDİK N., Project Supported by Other Official Institutions, Isolation and characterization of a stress-inducible promoter from the grass halophyte, *Spartina alterniflora*, 2016 - 2018

PEHLİVAN GEDİK N., Other International Funding Programs, Novel genes/promoters for tolerance to abiotic and biotic stress, 2015 - 2018

PEHLİVAN GEDİK N., TUBITAK Project, Role of PIP2 in salt and heat stress in Arabidopsis, 2017 - 2017

PEHLİVAN GEDİK N., KADIOĞLU A., SARUHAN GÜLER N., Project Supported by Higher Education Institutions, Likapa (*Vaccinium arctostaphylos*) meyve özütünün mısır bitkisinde tuz stresi toleransına doza bağımlı etkisi, 2016 - 2017

DİNÇER D., SARUHAN GÜLER N., DİNÇER B., PEHLİVAN GEDİK N., Project Supported by Higher Education Institutions, Rize İlinde Yetişen Seçilmiş Çay (*Camellia sinensis* (L.) O.Kuntze) Genotiplerinin Doku Kültürü Yöntemleri İle Üretimi Bazı Biyokimyasal Özelliklerinin Belirlenmesi ve Peyzaj Mimarlığında Değerlendirilebilme Potansiyeli, 2012 - 2017

PEHLİVAN GEDİK N., Project Supported by Other Official Institutions, Determination of transcriptional differences on some anti-oxidant enzyme genes under drought stress in stress sensitive and resistant *Phaseolus vulgaris* L. genotypes, 2008 - 2011

PEHLİVAN GEDİK N., EU Supported Other Project, COST FA0605-Agriculture, Food Security & Climate Change_Signaling control of stress tolerance and production of stress protective compounds in plants, 2007 - 2011

Activities in Scientific Journals

FRONTIERS IN PLANT SCIENCE, Special Issue Editor, 2024 - Continues

Frontiers in Plant Science, Committee Member, 2020 - Continues

Memberships / Tasks in Scientific Organizations

FESPB-Federation of European Societies of Plant Biology, Member, 2020 - Continues, Reunion

FEBS-Federation of European Biochemical Societies, Member, 2019 - Continues, Reunion

Türk Biyokimya Derneği, Member, 2019 - Continues, Turkey

Society for Experimental Biology, Member, 2015 - Continues

Scientific Refereeing

BMC PLANT BIOLOGY, SCI Journal, September 2024

BMC PLANT BIOLOGY, SCI Journal, September 2024

Journal of Hazardous Materials, SCI Journal, August 2024

Soil Systems, SCI Journal, July 2024

Journal of Hazardous Materials, SCI Journal, July 2024

BMC BIOLOGY, SCI Journal, July 2024

TURKISH JOURNAL OF BOTANY, SCI Journal, July 2024

BMC PLANT BIOLOGY, SCI Journal, July 2024

ENVIRONMENTAL POLLUTION (1970), SCI Journal, June 2024

JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal, June 2024

FUNCTIONAL PLANT BIOLOGY : AN INTERNATIONAL JOURNAL OF PLANT FUNCTION, SCI Journal, June 2024

ENVIRONMENTAL POLLUTION (1970), SCI Journal, June 2024

JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal, June 2024

AGRONOMY, SCI Journal, May 2024

THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Journal, May 2024

JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal, May 2024

JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal, May 2024

TUBITAK Project, 1002 - Quick Support Program, Recep Tayyip Erdogan University, Turkey, May 2024

JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal, April 2024

PLOS ONE, SCI Journal, April 2024

PLANT PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, March 2024

TUBITAK Project, 1002 - Quick Support Program, TUBITAK, Turkey, March 2024

PLANT PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, February 2024

AGRONOMY, SCI Journal, February 2024

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, TÜBİTAK, Turkey, January 2024

TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, December 2023

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Recep Tayyip Erdogan University, Turkey, December 2023

JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal, October 2023

AGRICULTURE, SCI Journal, August 2023

AGRICULTURE, SCI Journal, August 2023

JOURNAL OF FUNGI, SCI Journal, July 2023

Science Total Environment, SCI Journal, June 2023

CHEMOSPHERE, SCI Journal, March 2023
BIOLOGIA, SCI Journal, March 2023
FRONTIERS IN PLANT SCIENCE, SCI Journal, March 2023
FRONTIERS IN PLANT SCIENCE, SCI Journal, March 2023
GENES, SCI Journal, March 2023
PLANT GROWTH REGULATION, SCI Journal, March 2023
PLANT PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, March 2023
PHOTOSYNTHESIS RESEARCH, SCI Journal, February 2023
TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Turkey, February 2023
Current Research in Biotechnology, SCI Journal, January 2023
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, TÜBİTAK, Turkey, January 2023
PLANT PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, December 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, December 2022
PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS, SCI Journal, November 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, November 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, November 2022
WATER (SWITZERLAND), SCI Journal, November 2022
PLANT PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, November 2022
TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, November 2022
AGRICULTURE, ECOSYSTEMS AND ENVIRONMENT, SCI Journal, October 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, October 2022
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, SCI Journal, October 2022
PLANT PHYSIOLOGY AND BIOCHEMISTRY, SCI Journal, October 2022
TÜBİTAK - AB COST Project, TÜBİTAK, Turkey, October 2022
TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, September 2022
JOURNAL OF PLANT GROWTH REGULATION, SCI Journal, August 2022
MOLECULES, SCI Journal, August 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, August 2022
SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal, July 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, July 2022
TUBITAK Project, 1002 - Quick Support Program, TUBITAK, Turkey, July 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, June 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, June 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, June 2022
TUBITAK Project, 1002 - Quick Support Program, TUBITAK, Turkey, June 2022
GAZİ UNIVERSITY JOURNAL OF SCIENCE, National Scientific Refreed Journal, May 2022
JOURNAL OF PLANT INTERACTIONS, SCI Journal, May 2022
Project Supported by Other Official Institutions, Turkey, May 2022
TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, May 2022
Project Supported by Higher Education Institutions, BAP Research Project, Artvin Coruh University, Turkey, May 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, April 2022
TUBITAK Project, 1002 - Quick Support Program, TUBITAK, Turkey, March 2022
Project Supported by Higher Education Institutions, BAP Research Project, Ankara University, Turkey, March 2022
TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, January 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, January 2022
TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, January 2022
JOURNAL OF PLANT INTERACTIONS, SCI Journal, January 2022
TUBITAK Project, 1002 - Quick Support Program, Turkey, January 2022
FRONTIERS IN PLANT SCIENCE, SCI Journal, December 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, December 2021

FRONTIERS IN PLANT SCIENCE, SCI Journal, December 2021
TUBITAK Project, 1505 - University-Industry Cooperation Support Program, Recep Tayyip Erdogan University, Turkey, December 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, November 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, November 2021
TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, November 2021
TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, November 2021
TÜBİTAK International Bilateral Joint Cooperation Program Project, Ministry of Innovative Development of the Republic of Uzbekistan, MID Uzbekistan Bilateral Joint Cooperation Program, TUBITAK, Turkey, October 2021
TÜBİTAK International Bilateral Joint Cooperation Program Project, Korean National Research Foundation, NRF Bilateral Joint Cooperation Program, TUBITAK, Turkey, September 2021
TÜBİTAK International Bilateral Joint Cooperation Program Project, Ministry of Innovative Development of the Republic of Uzbekistan, MID Uzbekistan Bilateral Joint Cooperation Program, TUBITAK, Turkey, September 2021
JOURNAL OF PLANT GROWTH REGULATION, SCI Journal, August 2021
TUBITAK Project, 1002 - Quick Support Program, TUBITAK, Turkey, August 2021
TUBITAK Project, 1002 - Quick Support Program, Turkey, August 2021
ENVIRONMENTAL POLLUTION, SCI Journal, July 2021
PLANT STRESS, Other Indexed Journal, June 2021
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, Journal Indexed in SCI-E, June 2021
JOURNAL OF PLANT GROWTH REGULATION, SCI Journal, June 2021
Turkish Journal of Agriculture Food Science and Technology , Other Indexed Journal, June 2021
TUBITAK Project, 1002 - Quick Support Program, Turkey, June 2021
JOURNAL OF PLANT GROWTH REGULATION, SCI Journal, May 2021
Project Supported by Higher Education Institutions, BAP Research Project, Istanbul University, Turkey, May 2021
AGRONOMY JOURNAL, Journal Indexed in SCI-E, April 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, March 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, March 2021
BIOLOGIA, Journal Indexed in SCI-E, March 2021
TÜBİTAK International Bilateral Joint Cooperation Program Project, Slovak Academy of Sciences, SAS Bilateral Joint Cooperation Program, TUBITAK, Turkey, March 2021
TÜBİTAK International Bilateral Joint Cooperation Program Project, The Slovenian Research Agency, ARRS Bilateral Joint Cooperation Program, TUBITAK, Turkey, March 2021
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, TUBITAK, Turkey, March 2021
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, TUBITAK, Turkey, March 2021
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, TUBITAK, Turkey, March 2021
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, TUBITAK, Turkey, March 2021
TÜBİTAK International Bilateral Joint Cooperation Program Project, Ministry of Science and Technology of the People's Republic of China, MOST Bilateral Cooperation Program, Turkey, March 2021
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, TUBITAK, Turkey, March 2021
JOURNAL OF PLANT INTERACTIONS, SCI Journal, February 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, February 2021
TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, February 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, February 2021
FRONTIERS IN PLANT SCIENCE, SCI Journal, February 2021
PLANT PROTECTION SCIENCE, Journal Indexed in SCI-E, January 2021
TURKISH JOURNAL OF BIOLOGY, SCI Journal, September 2020

JOURNAL OF PLANT GROWTH REGULATION, SCI Journal, July 2020
TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, June 2020
Turkish Journal of Food Science and Tech, Other Indexed Journal, June 2020
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Recep Tayyip Erdogan University, Turkey, June 2020
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Recep Tayyip Erdogan University, Turkey, June 2020
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Recep Tayyip Erdogan University, Turkey, June 2020
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Recep Tayyip Erdogan University, Turkey, June 2020
Journal of Plant Growth Regulation, SCI Journal, May 2020
TUBITAK Project, 3501 - National Young Researcher Career Development Program, Recep Tayyip Erdogan University, Turkey, April 2020
Journal of Plant Growth Regulation, SCI Journal, March 2020
Agronomy Journal, SCI Journal, December 2019
TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, December 2019
Turkish Journal of Botany, SCI Journal, November 2019
Plant Growth Regulation, SCI Journal, October 2019
Turkish Journal of Botany, SCI Journal, September 2019
Project Supported by Higher Education Institutions, May 2019
Agronomy Journal, SCI Journal, April 2019
Journal of Plant Interactions, SCI Journal, March 2019
Gene, SCI Journal, February 2019
Turkish Journal of Biology, SCI Journal, November 2018
Gene, SCI Journal, September 2018
Turkish Journal of Botany, SCI Journal, July 2017
Turkish Journal of Botany, SCI Journal, May 2017
Turkish Journal of Botany, SCI Journal, January 2017
Biologia Plantarum, SCI Journal, November 2016
TÜBİTAK International Bilateral Joint Cooperation Program Project, Ministry of Science and Technology of Pakistan, MoST Bilateral Cooperation Program, Recep Tayyip Erdogan University, Turkey, November 2016
Turkish Journal of Botany, SCI Journal, September 2016

Tasks In Event Organizations

Dursun C., Eminoğlu A., Özdemir N., Altun N., Makbul S., Alpay Karaoğlu Ş., Durmuş N., Akıner M. M., Beriş F. Ş., Altunışık A., et al., 2nd International Symposium on Biodiversity Research, Scientific Congress, Rize, Turkey, Kasım 2020

Scientific Research / Working Group Memberships

Plant Biotechnology And Molecular Biology Lab., Universidad de Castilla-La Mancha, İspanya, <https://www.uclm.es/es/grupos/gbbmp/research>, 2022 - Continues
Environmental & Sustainable Agriculture Lab., Louisiana State University, Amerika Birleşik Devletleri, <https://www.researchgate.net/lab/Jim-Jian-Wang-Lab>, 2021 - Continues
Plant Molecular Biology and Biotechnology Lab., Louisiana State University and Agricultural and Mechanical College, Amerika Birleşik Devletleri, <https://www.researchgate.net/lab/Niranjan-Baisakh-Lab>, 2017 - 2018
Plant Cell Biology Lab., Universiteit van Amsterdam, Hollanda, <https://www.researchgate.net/lab/Teun-Munnik-Lab>, 2017 - 2017

Plant Molecular Biology and Plant Biotechnology Lab., Texas Tech University, Amerika Birleşik Devletleri,
<https://www.depts.ttu.edu/biology/people/Faculty/ZhangHong/LabPersonnel.pdf>, 2013 - 2015
Plant Biotechnology Lab., ALSIA – AGROBIOS, İtalya,
https://www.alsia.it/opencms/opencms/Chi_e/Aree/Ricerca_Servizi.html, 2009 - 2010

Metrics

Publication: 73
Citation (WoS): 578
Citation (Scopus): 665
H-Index (WoS): 12
H-Index (Scopus): 12

Congress and Symposium Activities

Plant Biology 2023, Attendee, Braga, Portugal, 2023
Global symposium on Soils for Nutrition, Audience, Rome, Italy, 2022
New Breeding Technologies for Food and Nutritional Security, Attendee, Ankara, Turkey, 2021
XXXIII RAFV 2021, Invited Speaker, Santa Fe, Argentina, 2021
45th FEBS Congress, Attendee, Ljubljana, Slovenia, 2021
20th FEBS Young Scientists' Forum , Attendee, Rijeka, Croatia, 2021
18th Current Trends in Natural Sciences, Invited Speaker, Pitesti, Romania, 2021
Connecting Plants & People, Attendee, Helsinki, Finland, 2021
3rd Bioenergy Studies Symposium , Invited Speaker, Ankara, Turkey, 2021
34th Conference Molecular Biology of Plants, Attendee, Halle, Germany, 2021
The 30th Western Photosynthesis Conference, Attendee, Arizona, United States Of America, 2021
9th International Molecular Biology and Biotechnology Congress,, Invited Speaker, Kars, Turkey, 2020
SEB Impact of Chromatin Domains on Plant Phenotypes, Spain, Attendee, Madrid, Spain, 2019
SS-The American Society of Plant Biologists, United States, Attendee, Louisiana, United States Of America, 2018
MacroTrend Conference on Applied Science, France, Invited Speaker, Paris, France, 2017
Experimental Plant Sciences' (EPS), Netherlands, Attendee, Amsterdam, Netherlands, 2017
12th International Symposium on Agriculture, Croatia, Invited Speaker, Dubrovnik, Croatia, 2017
International Black Sea Congress on Environmental Science, Turkey, Invited Speaker, Giresun, Turkey, 2016
Engineering and Natural Sciences Conference, Bosnia and Herzegovina, Invited Speaker, Sarajevo, Bosnia And Herzegovina, 2016
Society for Experimental Biology (SEB) annual meeting, Czech Republic, Invited Speaker, Praha, Czech Republic, 2015
Plant Biology 2014, Portland, United States, Attendee, Oregon, United States Of America, 2014
URC14, United States, Invited Speaker, Texas, United States Of America, 2014
International Congress of the Molecular Biology Association of Turkey, Bogazici University, Invited Speaker, İstanbul, Turkey, 2012
21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012
54th Italian Society of Agricultural Genetics Annual Congress, Italy, Attendee, Bari, Italy, 2010
20. Ulusal Biyoloji Kongresi, Attendee, Denizli, Turkey, 2010
COST. FA0605. Signaling control of stress tolerance, Working Group, Barcelona, Spain, 2010

Scholarships

2219 Yurt dışı doktora sonrası araştırma bursu, TÜBİTAK, 2022 - 2023

Louisiana State University Research Scholarship, University, 2021 - 2021
UNIA,Baeza/SPAIN Travel Award, University, 2020 - 2020
FEBS Young Scientists Forum Grant, Other International Organizations, 2020 - 2020
Erasmus Staff Mobility, University, 2019 - 2019
2221 Konuk veya akademik izinli (sabbatical) bilim insani destekleme programı, TUBİTAK, 2019 - 2019
Louisiana State University AgCenter Research Scholarship, University, 2017 - 2018
2219 Yurt dışı doktora sonrası araştırma bursu, TUBİTAK, 2017 - 2017
Texas Tech University Research Scholarship, University, 2014 - 2015
YÖK doktora sırası araştırma bursu, YOK, 2013 - 2015
2211 Yurt içi lisansüstü bursu, TUBİTAK, 2012 - 2015
COST/Short Term Scientific Mission Grant/Metapontum AGROBIOS, Italy, European Commission, 2009 - 2010
TEV Yurt içi lisans bursu, Other Government Agencies, 2005 - 2008

Awards

Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, July 2024
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, June 2024
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak , May 2024
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak , April 2024
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, January 2024
Pehlivan N., Teşvik Ödülü, Tübitak, September 2023
Pehlivan N., Teşvik Ödülü, Tübitak, August 2023
Pehlivan Gedik N., Teşvik Ödülü, Tübitak, February 2023
Pehlivan Gedik N., Teşvik Ödülü, Tübitak, January 2023
Pehlivan Gedik N., TÜBİTAK Teşvik Ödülü, Tübitak, December 2022
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, April 2022
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, November 2021
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, May 2021
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, April 2021
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, August 2020
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, June 2019
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, February 2019
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, July 2018
Pehlivan N., TÜBİTAK Teşvik Ödülü, Tübitak, June 2016
Pehlivan N., TÜBİTAK Teşvik Ödülü, Türkiye, June 2016
Pehlivan N., Yüksek Onur Ödülü, Türk Eğitim Vakfı, June 2009
Pehlivan N., Yüksek Onur Ödülü, Karadeniz Teknik Üniversitesi, June 2008