

Personal Information

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Post Address: İstanbul Üniversitesi Fen Fakültesi Biyoloji Bölümü

Education Information

Doctorate, İstanbul University, Institute Of Graduate Studies In Sciences, Fen Fakültesi Bölümü, Turkey 2014 - 2019

Post Graduate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Biyoloji/ Botanik Anabilim Dalı, Turkey 2010 - 2012

Masters Without Thesis, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Biyoloji Öğretmenliği, Turkey 2009 - 2010

Under Graduate, İstanbul Üniversitesi, Faculty of Science, Biyoloji, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, GMO and species testing with real-time PCR, Eurofins GeneScan, 2015

Foreign Language, English, Wall Street Institute, 2012

IT, Microsoft Office Programları, Bilişim Eğitim Merkezi, 2010

Dissertations

Doctorate, Kuraklık Stresi Uygulanmış Mercimek (*Lens culinaris* Medik.) Bitkisinin RNA Dizileme Yöntemi ile Transkripsiyonel Analizi, İstanbul University, Faculty Of Science, Department Of Biology, 2019

Post Graduate, "Expression Analyses of ADP-Glucose Pyrophosphorylase in *Lens Culinaris* Medik. at the short-time period", İstanbul University, Institute of Graduate Studies In Sciences, Biyoloji/ Botanik Anabilim Dalı, 2012

Research Areas

Life Sciences, Plant Biology, Plant Breeding and Genetics, Biochemistry, Bioinformatics, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics, Plant Molecular Genetics, Natural Sciences

Academic Titles / Tasks

Expert, İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2014 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Comparative RNA-seq analysis of the drought-sensitive lentil (*Lens culinaris*) root and leaf under short- and long-term water deficits**

Morgil H., Tardu M., Cevahir G., Kavaklı I. H.

FUNCTIONAL & INTEGRATIVE GENOMICS, vol.19, pp.715-727, 2019 (Journal Indexed in SCI)

- **Transcriptional regulation of the ADP-glucose pyrophosphorylase isoforms in the leaf and the stem under long and short photoperiod in lentil**

Seferoglu A. B. , Baris I., Morgil H., Tulum I., Ozdas S., Cevahir G., Kavakli I. H.

PLANT SCIENCE, vol.205, pp.29-37, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- **ORGANOSULFUR COMPOUNDS OF ALLIUM TUNCELIANUM (KOLLMANN) OZHATAY, B.MATHEW & ŞİRANECİ EXTRACTS BY SPME/GC-MS AND DETERMINING THEIR CYTOTOXIC EFFECT ON HELA CELLS**

GERÇEK Y. C. , AKMAN G., MORGİL H., ÇALIŞKAN M., ÖZ G.

International Journal of Advances in Science Engineering and Technology, vol.5, pp.53-58, 2017 (Refereed Journals of Other Institutions)

- **Investigation of Cytotoxic Effects of Some Novel Synthesized Iminothiazolidinone Derivatives on HeLa Cell Line (CCL2)**

Tuğcu F., TOPÇUL M. R. , ÇETİN İ., ÜNLÜ Y. S. , GERÇEK Y. C. , MORGİL H., ÇALIŞKAN M., ÖZ G.

IUFS JOURNAL OF BIOLOGY, vol.1, pp.15-33, 2016 (International Refereed University Journal)

Book & Book Chapters

- **in: The Recent Topics in Genetic Polymorphisms**

Morgil H.

Single Nucleotide Polymorphisms (SNPs) in Plant Genetics and Breeding, Prof. Dr. Mahmut Çalışkan, Editor, IntechOpen Limited, London, pp.137-145, 2020

Refereed Congress / Symposium Publications in Proceedings

- **The Main Active Ingredients of Propolis**

Ecem Bayram ., Bayram S., GERÇEK Y. C. , MORGİL H., ÖZ G.

2nd International Conference on Advanced Engineering Technologies (ICADET), Bayburt, Turkey, 21 - 23 September 2017, pp.1563-1564

- **DETERMINATION of ESSENTIAL OIL CONTENT of Thuja orientalis L. MATURE CONES BY GC-MS**

GERÇEK Y. C. , Tuğcu F. T. , MORGİL H., ÖZ G.

"29th International Symposium on the Chemistry of Natural Products and the 9th International Conference on Biodiversity" (ISCNP-29 & ICOB-9), İzmir, Turkey, 24 - 27 September 2016, pp.6

- **ANALYSIS of ORGANOSULFUR COMPOUNDS of Allium tuncelianum (KOLLMANN) ÖZHATAY, B.MATHEW & SIRANECİ EXTRACTS with SPME-GC-MS and INVESTIGATION of THEIR CYTOTOXIC EFFECTS ON HELA CELLS**

GERÇEK Y. C. , MORGİL H., ÖZ G.

"29th International Symposium on the Chemistry of Natural Products and the 9th International Conference on Biodiversity" (ISCNP-29 & ICOB-9), İzmir, Turkey, 24 - 27 September 2016, pp.6

- **Molecular phylogeny of some Euphorbia species (Euphorbiaceae) implied from nrDNA and cpDNA markers from Turkey**

ÖZ G., KÜÇÜKER O., MORGİL H., PATTERSON A.

"International Conference Bioengineering and Biotechnology Congress, Barcelona, Spain, 15 - 17 July 2015, vol.1, no.1, pp.1

- **Molecular Phylogeny of Some Euphorbia Species (Euphorbiaceae) Implied from nrDNA and cpDNA Markers from Turkey**

PATTERSON A., MORGİL H., KÜÇÜKER O., ÖZ G.

The International Conference on Bioengineering and Biotechnology (ICBB), Barcelona, Spain, 13 - 17 July 2015,

Supported Projects

ÖZ G., GERÇEK Y. C. , MORGİL H., BAYRAM S., CANLI D., ECEM BAYRAM N., Project Supported by Higher Education Institutions, Türkiye'nin farklı bölgelerinde üretilen bazı monofloral balların mineral içerik uçucu bileşen ve antimikrobiyal aktivitelerinin incelenmesi, 2018 - 2020

ÖZ G., AVŞAR E. N. , MORGİL H., Project Supported by Higher Education Institutions, Oryza sativa bitkisinde iki farklı ses türüne karşı serotonin miktarının gen ekspresyonu düzeyinde belirlenmesi, 2018 - 2019

ÖZ G., HASOĞLU İ., MORGİL H., Project Supported by Higher Education Institutions, Farklı hormon uygulaması ile in vitro yetiştirilmiş *Origanum vulgare* bitkisinden elde edilen kalluslarda eksozom miktarlarının karşılaştırılması, 2018 - 2019

ÖZ G., ÇALIŞKAN M., MORGİL H., GERÇEK Y. C. , KAVAKLI H., Project Supported by Higher Education Institutions, Kuraklık Stresi Altında Yetiştirilen Mercimek *Lens culinaris* Medik Bitkisinde Transkriptom (RNA-sek) Analizi, 2016 - 2018

ÖZ G., GERÇEK Y. C. , ÜNLÜ Y. S. , HAKAVLI H., MORGİL H., Project Supported by Higher Education Institutions, Etil Metansulfonat (EMS) Mutantı *Chlorella vulgaris*'in Biyoreaktörde Yetiştirilmesi, Gelişimi ve Yağ Asidi İçeriğinin Araştırılması, 2016 - 2017

Invited Congress and Symposium Activities

International Conference on Bioengineering and Biotechnology (ICBB), Attendee, Barcelona, Spain, 2015

Ulusal Botanik Kongresi, Attendee, Antalya, Turkey, 2014

FEBS EMBO 2014, Attendee, Paris, France, 2014

Citations

Total Citations (WOS):9

h-index (WOS):2