

## Res. Asst. EsmayİĞİDER

### Personal Information

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### Education Information

Doctorate, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, Turkey 2016 - Continues

Postgraduate, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, Turkey 2013 - 2016

Undergraduate, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, Turkey 2009 - 2013

### Dissertations

Postgraduate, AĞIR METAL STRESİNİN MISIRDA (*Zea mays* L.) MEYDANA GETİRMİŞ OLDUĞU RETROTRANSPOZON POLİMORFİZMİ ÜZERİNE HUMİK ASİTİN ETKİSİNİN BELİRLENMESİ, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2016

### Research Areas

Agricultural Sciences, Agriculture, Life Sciences

### Academic Titles / Tasks

Research Assistant, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2020 - Continues

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

- I. **THE ROLE OF LONG TERMINAL REPEAT (LTR) RESPONSES TO DROUGHT IN SELENIUM-TREATED WHEAT**  
Turhan S., TAŞPINAR M. S. , YİĞİDER E., AYDIN M., AĞAR G.  
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.20, no.6, pp.917-925, 2021 (Journal Indexed in SCI)
- II. **Humic acid effects on retrotransposon polymorphisms caused by zinc and iron in the maize (*Zea mays* L.) genome**  
Yiğider E., Taşpınar M. S. , Aydın M., Ağar G.  
CEREAL RESEARCH COMMUNICATIONS, vol.49, no.2, pp.193-198, 2021 (Journal Indexed in SCI)
- III. **Protection of *Phaseolus vulgaris* L. from Herbicide 2,4-D Results from Exposing Seeds to Humic Acid**  
AYDIN M., ARSLAN E., YİĞİDER E., TAŞPINAR M. S. , AĞAR G.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.46, no.1, pp.163-173, 2021 (Journal Indexed in SCI)
- IV. **Cobalt-induced retrotransposon polymorphism and humic acid protection on maize genome**  
Yigider E., TAŞPINAR M. S. , AYDIN M., AĞAR G.

BIOLOGIA FUTURA, vol.71, pp.123-130, 2020 (Journal Indexed in SCI)

- V. **The effect of putrescine on DNA methylation on cabbage plant under salt stress conditions**  
Orhan E., Uzundumlu F., Yiğider E., Aydın M.  
Turkish Journal of Agriculture and Forestry, vol.44, pp.301-311, 2020 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Humic acids protective activity against manganese induced LTR (long terminal repeat) retrotransposon polymorphism and genomic instability effects in Zea mays**  
YİĞİDER E., TAŞPINAR M. S., SIGMAZ B., AYDIN M., AĞAR G.  
Plant Gene, vol.6, pp.13-17, 2016 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **TARIMSAL BİYOTEKNOLOJİDE CRISPR**  
YİĞİDER E., TAŞPINAR M. S.  
International Congress on Agriculture in Alanya, Agriculture in the World (ICAAW2021), 29-31 October 2021, Alanya-Turkey, ALANYA, Turkey, 29 October 2021
- II. **SOMATİK EMBRİYOGENESİSTE EPİGENETİK DÜZENLEMELER**  
UÇAR S., YİĞİDER E., AYDIN M., TAŞPINAR M. S.  
International Congress on Agriculture in Alanya, Agriculture in the World (ICAAW2021), 29-31 October 2021, Alanya-Turkey, ALANYA, Turkey, 29 October 2021
- III. **Determination of effects of manganese toxicity on LTR RTN polymorphism in zea mays**  
TAŞPINAR M. S., YİĞİDER E., AĞAR G., AYDIN M.  
1 st International Conference on Engineering and Natural Sciences, 15 May 2015

## Supported Projects

Yiğider E., Aydın M., Arslan E., Project Supported by Higher Education Institutions, Tarımsal Biyoteknoloji Laboratuvarlar Koordinatörlüğü Bünyesindeki Laboratuvarların Akreditasyon Kapsamında Desteklenmesi, 2021 - 2021

## Citations

Total Citations (WOS):1

h-index (WOS):1

## Awards

Aydın M., Yiğider E., Orhan E., Uzundumlu F., UBYT YAYIN TEŞVİK, Tübitak, February 2020