

## Res. Asst. YUSUF ZİYA AYGÜN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-5460-2019

Yoksis Researcher ID: 283688

### Education Information

Doctorate, Hatay Mustafa Kemal University, FEN BİLİMLERİ ENSTİTÜSÜ, Turkey 2020 - Continues

Postgraduate, Hatay Mustafa Kemal University, FEN BİLİMLERİ ENSTİTÜSÜ, TARLA BİTKİLERİ (YL) (TEZLİ), Turkey 2018 - 2020

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Turkey 2017 - 2018

Undergraduate, Eskisehir Osmangazi University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, Turkey 2013 - 2017

### Foreign Languages

English

### Academic Titles / Tasks

Research Assistant, Hatay Mustafa Kemal University, ZİRAAT FAKÜLTESİ, 2018 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Combining non-destructive devices and multivariate analysis as a tool to quantify the fatty acid profiles of linseed genotypes**  
Arslan A., AYGÜN Y. Z., TÜRKMEN M., ÇELİKTAŞ N., MERT M.  
Talanta, vol.281, 2025 (SCI-Expanded)
- II. **DIURNAL VARIATION OF ESSENTIAL OIL RATIO AND COMPOSITION OF SOME BASIL GENOTYPES**  
AYGÜN Y. Z., Eren Y., Ertekin E. N.  
Bangladesh Journal of Botany, vol.51, no.4, pp.787-795, 2022 (SCI-Expanded)
- III. **YIELD AND FIBER QUALITY CHARACTERISTICS OF SOME COTTON (*Gossypium hirsutum* L.) CULTIVARS GROWN IN THE SOUTHEASTERN ANATOLIAN CONDITIONS**  
Aslan R., AYGÜN Y. Z., MERT M.  
Turkish Journal of Field Crops, vol.27, no.2, pp.285-292, 2022 (SCI-Expanded)
- IV. **Effects of different nitrogen doses and cultivars on fermentation quality and nutritive value of Italian ryegrass (*Lolium multiflorum* Lam.) silages**  
ERTEKİN İ., ATIŞ İ., AYGÜN Y. Z., YILMAZ Ş., Kizilsimsek M.  
Animal Bioscience, vol.35, no.1, pp.39-46, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Is dual-purpose flax production feasible in the Amik Plain? A preliminary study on cultivar performance and harvesting stage**  
AYGÜN Y. Z., ARSLAN A., MERT M.  
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.29, no.1, pp.281-289, 2024 (Peer-Reviewed Journal)
- II. **Endüstriyel kenevir (*Cannabis sativa* L.) tohumlarının çimlenme süresince yağ ve yağ asidi oranlarının değişimleri**  
AYGÜN Y. Z., MERT M.  
BIOLOGICAL DIVERSITY AND CONSERVATION, vol.16, no.1, pp.56-62, 2023 (Peer-Reviewed Journal)
- III. **Determination of seed yield, quality and fixed oil components of different basil (*Ocimum basilicum* L.) genotypes: Evaluation of fatty acid profile by PCA biplot analysis**  
TÜRKMEN M., EREN Y., AYGÜN Y. Z., Ertekin E. N.  
Journal of advanced research in natural and applied sciences (Online), vol.8, no.3, pp.453-462, 2022 (Peer-Reviewed Journal)
- IV. **DETERMINATION OF YIELD CHARACTERS OF SOME LINSEED (*Linum usitatissimum* L.) CULTIVARS UNDER RAINFED CONDITION IN EASTERN MEDITERRANEAN**  
AYGÜN Y. Z., MERT M.  
Journal of Applied Biological Sciences, vol.16, no.3, pp.527-536, 2022 (Peer-Reviewed Journal)
- V. **DETERMINATION OF YIELD CHARACTERS OF SOME LINSEED (*Linum usitatissimum*) CULTIVARS UNDER RAINFED CONDITION IN EASTERN MEDITERRANEAN**  
AYGÜN Y. Z., MERT M.  
Journal of Applied Biological Sciences, vol.16, no.3, pp.527-536, 2022 (Peer-Reviewed Journal)
- VI. **Germination and early seedling growth of different quinoa (*Chenopodium quinoa* Willd.) genotypes under cadmium ( $CdCl_2$ ) stress**  
AYGÜN Y. Z., ATIŞ İ., ertekin i.  
Mustafa Kemal Üniversitesi tarım bilimleri dergisi (online), vol.27, no.1, pp.1-8, 2022 (Peer-Reviewed Journal)
- VII. **Determination of seed yield and quality and fixed oil components of different basil (*Ocimum basilicum* L.) genotypes: Evaluation of fatty acid profile with PCA biplot analysis**  
TÜRKMEN M., Eren Y., AYGÜN Y. Z., ERTEKİN E. N.  
Journal of advanced research in natural and applied sciences (Online), 2022 (Peer-Reviewed Journal)
- VIII. **The effect of phosphorus doses on cotton growth under full and deficit irrigation conditions**  
AYGÜN Y. Z., MERT M.  
Biological Diversity and Conservation, vol.14, no.3, pp.464-469, 2021 (Peer-Reviewed Journal)
- IX. **Effects of soil conditioners and nitrogen applications on cotton (*Gossypium hirsutum* L.) yield and fiber technological properties**  
AYGÜN Y. Z., MERT M.  
Biological Diversity and Conservation, vol.3, no.3, pp.290-297, 2020 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Endüstriyel Kenevir Tohumlarının Kadmiyum ( $CdCl_2$ ) Stresi Altında Çimlenme ve İlk Fide Gelişimi**  
AYGÜN Y. Z., ERTEKİN İ., MERT M.  
1st International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 20 December 2022, pp.673-676

## Supported Projects

MERT M., ARSLAN M., AYGÜN Y. Z., Project Supported by Higher Education Institutions, Bazı Keten (*Linum usitatissimum* L.) Genotiplerinin Morfolojik, Moleküler Karakterizasyonu ve Bazı Tarımsal Özelliklerinin Belirlenmesi, 2022 - Continues

TÜRKMEN M., AYGÜN Y. Z., Project Supported by Higher Education Institutions, Fesleğen (*Ocimum basilicum* L.)' de Farklı Bitki Sıklığı ve Azot Dozlarının Verim ve Verim Unsurları Üzerine Etkilerinin İncelenmesi, 2021 - 2022

MERT M., AYGÜN Y. Z., Project Supported by Higher Education Institutions, Amik Ovası koşullarında, organik kaynaklı toprak düzenleyicileri ile birlikte azaltılmış azotlu gübre uygulamalarının pamuğun (*Gossypium hirsutum* L.) verim ve lif teknolojik özelliklerine etkisi, 2019 - 2020

AYGÜN Y. Z., MERT M., Project Supported by Higher Education Institutions, Su Kısıtı Koşullarında Fosforun Pamuk Tarafından Alımı ve Bitki Gelişimine Etkisi, 2011 - 2019

## **Metrics**

Publication: 14

Citation (Scopus): 16

H-Index (Scopus): 1