

## Asst. Prof. ALİ DEVLET

### Personal Information

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### International Researcher IDs

ORCID: 0009-0007-2084-2941

Publons / Web Of Science ResearcherID: KEI-1920-2024

### Education Information

Doctorate, China 2007 - 2011

Postgraduate, China 2004 - 2007

Undergraduate, China 2000 - 2004

### Foreign Languages

Chinese, B1 Intermediate

### Research Areas

Agricultural Sciences

### Academic Titles / Tasks

Assistant Professor, Bilecik Seyh Edebali University, Ziraat Ve Doğa Bilimleri Fakültesi, Tarla Bitkileri, 2019 - Continues

### Courses

Mesleki Uygulama IV, Undergraduate, 2020 - 2021

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

- I. **A comprehensive method to select energy sorghum hybrids for bioethanol production**  
Xu Y., Li Wang M., Devlet A., Han L., Tang C., Tan T., Xie G. H.  
Biomass and Bioenergy, vol.191, 2024 (SCI-Expanded)
- II. **The spatiotemporal availability of crop residue for biofuel feedstock in East and Central-South China**  
Wang X., Han L., Yang L., Liu Q., Devlet A., Xie G.  
Biofuels, Bioproducts and Biorefining, vol.16, no.1, pp.303-318, 2022 (SCI-Expanded)
- III. **Biomass yield and changes in chemical composition of sweet sorghum cultivars grown for biofuel**  
Zhao Y. L., Dolat A., Steinberger Y., Wang X., Osman A., Xie G. H.

## Articles Published in Other Journals

- I. **Greenhouse Gas Emissions, Carbon Sequestration in Cropland and Crop Yield Limiting Factors**  
Devlet A.  
MAS Journal of Applied Sciences, vol.9, no.special, pp.936-955, 2024 (Peer-Reviewed Journal)
- II. **N, P and K Content and Accumulation of Sweet Sorghum**  
DEVLET A.  
science online, vol.2, no.1, pp.1-7, 2024 (Peer-Reviewed Journal)
- III. **Determination of The Effect of Growth Regulators on Germination Properties of Silage Sorghum**  
DEVLET A.  
ISPEC Journal of Agricultural Sciences, vol.7, no.1, pp.195-201, 2023 (Peer-Reviewed Journal)
- IV. **Modern agriculture and challenges**  
DEVLET A.  
Frontiers in Life Sciences and Related Technologies (Online), vol.2, no.1, pp.21-29, 2021 (Peer-Reviewed Journal)
- V. **Modern agriculture and challenges**  
DEVLET A.  
Frontiers in Life Sciences and Related Technologies, vol.2, no.1, pp.21-29, 2021 (Scopus)
- VI. **Crop production and yield limiting factors**  
DEVLET A.  
MAS Journal of Applied Sciences, vol.6, no.2, pp.325-349, 2021 (Peer-Reviewed Journal)
- VII. **Agriculture history and policy**  
DEVLET A.  
International Journal of Science Letters (IJSL), vol.2, no.1, pp.39-51, 2020 (Peer-Reviewed Journal)
- VIII. **Principal component cluster analysis on agronomic characters and quality characters of sorghum**  
DEVLET A.  
Sciencepaper Online, vol.1, no.1, pp.1-5, 2008 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Future Strategies for Sorghum Improvement Under Climate Change Scenario**  
Devlet A.  
in: Omics and Biotechnological Approaches for Product Profile-Driven Sorghum Improvement , Ali Devlet & Yunus Emre Arvas, Editor, Springer Nature, London, pp.395-403, 2024
- II. **CROP PRODUCTION and INFLUENCING FACTORS**  
DEVLET A.  
İksad Publishing house, Bilecik, 2021

## Refereed Congress / Symposium Publications in Proceedings

- I. **ENERGY CROP UTILIZATION FOR CLIMATE CHANGE ADAPTATION**  
Devlet A.  
2024 © ICAEH - Uluslararası Tarım, Çevre ve Sağlık Kongresi , Bursa, Turkey, 30 May - 01 June 2024, vol.1, no.1, pp.39-40
- II. **YIELD AND SUGAR CONTENT OF VARIOUS SUGAR SORGHUM GENOTYPES GROWN UNDER IRRIGATED AND NON-IRRIGATED CONDITIONS**  
Devlet A.

2024 © ICAEH - Uluslararası Tarım, Çevre ve Sağlık Kongresi, Bursa, Turkey, 30 May - 01 June 2024, vol.1, no.1, pp.38-39

III. **Basic Sugar Analysis of Energy Sorghum Germplasm in Semi-arid Area**

DEVLET A., xie g., xie g.

II Uluslar arası Tarım Kongresi, Ankara, Turkey, 21 November 2019, vol.1, pp.145-146

IV. **Evaluation On Growth and Development of Sorghum Germplasm and Basic Genetic Analysis in Dry Area**

DEVLET A.

HASAT International Agriculture and Forest Congress, Ankara, Turkey, 21 June 2019, vol.1, pp.212-213

## **Supported Projects**

DEVLET A., TURHAL K., MERAL R., Project Supported by Higher Education Institutions, Bilecik Ekolojik Şartlarında Normal ve Kısıtlı Sulama Koşullarında Farklı Şeker Pancarı Beta vulgaris L Çeşitlerinin Verimlerinin ve Kalitelerinin Belirlenmesi, 2024 - Continues

Devlet A., Project Supported by Higher Education Institutions, Genel Amaçlı Proje, 2020 - 2022

## **Metrics**

Publication: 17

Citation (Scopus): 381

H-Index (Scopus): 2