

## Lect. PhD GÜNSU BARIŞIK KAYIN

### Personal Information

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### International Researcher IDs

ScholarID: HfYovf8AAAAJ

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Publons / Web Of Science ResearcherID: AAI-2727-2021

ScopusID: 57201359475

Yoksis Researcher ID: 122839

### Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Toprak Bilimi ve Bitki Besleme, Turkey 2013 - 2020

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Toprak Bilimi ve Bitki Besleme, Turkey 2010 - 2013

Undergraduate, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, TOPRAK BİLİMİ VE BİTKİ BESLEME, Turkey 2004 - 2010

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Nitrik oksit uygulamasının biber bitkisinde (*Capsicum Annum L.*) kimi stres faktörleri üzerine etkisi, 2020

Postgraduate, Farklı magnezyum beslenme koşullarında karbondioksit uygulamasının mısır bitkisinde (*Zea mays L.*) bitki gelişimi ve bazı antioksidatif enzim aktiviteleri üzerine etkisi, 2013

### Research Areas

Soil and Plant Feed, Nutritive Principles, Complete Fertilizers, Methods of Application, Soil Fertility, Acidity, Alkanility

### Academic Titles / Tasks

Lecturer PhD, Bursa Uludağ University, GEMLİK ASIM KOCABIYIK MYO, BİTKİSEL VE HAYVANSAL ÜRETİM, 2020 -  
Continues

Research Assistant, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Toprak Bilimi ve Bitki Besleme, 2010 - 2019

## Courses

MUSHROOM BREEDING, Associate Degree, 2020 - 2021  
PLANT PROTECTION, Associate Degree, 2020 - 2021  
IRRIGATION, Associate Degree, 2020 - 2021  
ORGANIC FARMING, Associate Degree, 2020 - 2021  
PLANT NUTRITION AND FERTILIZERS, Associate Degree, 2020 - 2021  
AGRICULTURAL METEOROLOGY, Associate Degree, 2020 - 2021  
ZEYTİN YETİŞTİRİCİLİĞİ, Associate Degree, 2020 - 2021

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

- I. **EFFECTS OF PLANT DENSITY ON MICRONUTRIENT UPTAKE IN SUNFLOWER (*Helianthus annuus* L.) VARIETIES**  
Barışık Kayın G., Göksoy A. T., Kayın H.  
TURKISH JOURNAL OF FIELD CROPS, vol.29, no.1, pp.9-17, 2024 (SCI-Expanded)
- II. **Effect of boron application on calcium and boron concentrations in cell wall of durum (*Triticum durum*) and bread (*Triticum aestivum*) wheat**  
Turan M. A., Taban S., Kayın G., Taban N.  
JOURNAL OF PLANT NUTRITION, vol.41, pp.1351-1357, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effect of elemental sulphur and rock phosphate application on phosphorus nutrition of maize**  
Barışık Kayın G., Turan M. A., Kayın H.  
RADOVI POLJOPRIVREDNO-PREHRAMBENOG FAKULTETA UNIVERZITETA U SARAJEVU, vol.66, no.1, pp.218, 2016 (Peer-Reviewed Journal)
- II. **Effect of *Bacillus subtilis* Ch 13 Nitrogen and Phosphorus on Yield Protein and Gluten Content of Wheat *Triticum aestivum* L**  
BARIŞIK KAYIN G., öztüfekci s., Akın H. F., KARAATA E. U., KATKAT A. V., TURAN M. A.  
Ziraat Fakültesi Dergisi, vol.29, no.1, pp.19-28, 2015 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Adverse Effects of Enhanced Carbondioxide Applications on Antioxidative Enzyme Activities of Wheat and Soybean**  
BARIŞIK KAYIN G., ÇAKMAK İ., KATKAT A. V.  
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Budapest, Hungary, 3 - 07 May 2017, pp.39
- II. **High Row Spacing Diminish the Yield and some nutrient Uptake of Sunflower Cultivars**  
BARIŞIK KAYIN G., KAYIN H., TURAN M. A.  
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Budapest, Hungary, 3 - 07 May 2017, vol.1, pp.253
- III. **Effect of Different Sulphur Forms on Soil Reaction and Micronutrient Availability**  
BARIŞIK KAYIN G., ÖZTÜFEKÇİ S., ÇELİK H., TURAN M. A.  
27th International Scientific Expert Congress of Agriculture and Food Industry, 26 - 28 September 2016
- IV. **EFFECT OF ELEMENTAL SULPHUR AND ROCK PHOSPHATEAPPLICATION ON PHOSPHORUS NUTRITION OF MAIZE**  
BARIŞIK KAYIN G., TURAN M. A., HASAN K.  
26 th International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Bosnia And

Herzegovina, 27 - 30 September 2015, pp.110

**V. DETERMINATION OF ZINC CONTENT FOR THREE GREAT SOIL GROUPS IN BURSA REGION**

TURAN M. A., KATKAT A. V., ÖZTÜFEKÇİ S., BARIŞIK KAYIN G.

Balkan Agricultural Congress, 8 - 11 October 2014, pp.874

**VI. The Effect of Carbondioxide Application on Plant Growth and Antioxidant Enzyme Activities of Soybean in Different Magnesium Nutrition Levels**

BARIŞIK KAYIN G., KATKAT A. V., ÇAKMAK İ.

1st Central Asia Congress on Modern Agricultural Techniques and Plant Nutrition, 1 - 03 October 2013, vol.2, pp.472

**VII. Effect of Carbondioxide on Plant Growth and Dry Matter Yield of Maize in Different Magnesium Nutrition Levels**

BARIŞIK KAYIN G., KATKAT A. V., ÇAKMAK İ.

XVII. International Plant Nutrition Colloquium,, İstanbul, Turkey, 19 - 22 August 2013, pp.785

## **Scientific Refereeing**

Ziraat Mühendisliği, National Scientific Refreed Journal, December 2022

Ziraat Mühendisliği, National Scientific Refreed Journal, September 2022

Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), National Scientific Refreed Journal, February 2022

## **Metrics**

Publication: 11

Citation (WoS): 14

Citation (Scopus): 16

H-Index (WoS): 1

H-Index (Scopus): 1

## **Non Academic Experience**

University of Bonn