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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, Turkey 2016 - 2022

Postgraduate, Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, Turkey 2013 - 2016

Undergraduate, Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, Turkey 2009 - 2013

Research Areas

Agricultural Sciences, Agriculture, Soil and Plant Feed, Soil Fertility, Acidity, Alkality

Academic Titles / Tasks

Assistant Professor, Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2024 - Continues

Research Assistant, Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2015 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of organic and chemical fertilizers on the activity of soil enzymes in soils of different compositions**
YAĞANOĞLU E., AYDIN A.
Turkish Journal of Agriculture and Forestry, vol.48, no.1, pp.116-128, 2024 (SCI-Expanded)
- II. **ENHANCING SOIL PROPERTIES AND CROP GROWTH IN VARIED-TEXTURE SOILS: EVALUATING THE EFFICACY OF BIOCHAR IN MITIGATING IRRIGATION WATER SALINITY**
YAĞANOĞLU E., ŞENOL ÖZDOĞAN N. D., Yerli C.
Environmental Engineering and Management Journal, vol.22, no.7, pp.1157-1172, 2023 (SCI-Expanded)
- III. **The changes in yield, quality, and soil properties of turfgrass grown by applying varying levels of hazelnut husk compost and irrigating with wastewater in soils with different textures, and their effects on carbon dioxide emissions from the soil**
Yerli C., ŞENOL N. D., YAĞANOĞLU E.
WATER AIR AND SOIL POLLUTION, vol.234, no.5, 2023 (SCI-Expanded)
- IV. **A NEW APPROACH FOR COMPARISON OF SOIL CHARACTERISTICS USING GREY RELATIONAL ANALYSIS AND PRINCIPAL COMPONENT ANALYSIS**
Yaganoglu E., Sari S., Aksakal E. L., Yaganoglu A. M., Angin I.
JOURNAL OF ANIMAL AND PLANT SCIENCES-JAPS, vol.32, no.2, pp.466-478, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Effect of Nitrogen (Urea) and Zinc Applied in Different Doses from the Soil and Leaves on the Development, Dry Matter Amount and Mineral Content of Wheat and Corn Plants**
Yağanoğlu E., Aydın A.
Black Sea Journal of Agriculture, vol.6, no.1, pp.60-67, 2023 (Peer-Reviewed Journal)
- II. **Determination of spatial and temporal changes in surface water quality of Filyos River (Turkey) using principal component analysis and cluster analysis**
YAĞANOĞLU E., YAĞANOĞLU A. M., ARSLAN G., SÖNMEZ A. Y.
Marine Science and Technology Bulletin, vol.9, no.2, pp.207-214, 2020 (Peer-Reviewed Journal)
- III. **TOPRAK VE BETON HAVUZLARDA YAPILAN ALABALIK YETİŞTİRİCİLİĞİNİN SU VE TOPRAKTAKİ BAZI FİZİKO-KİMYASAL PARAMETRELERE ETKİSİ**
ARSLAN G., YAĞANOĞLU E.
Menba Kastamonu Üniversitesi Su Ürünleri Fakültesi Dergisi, vol.6, no.1, pp.1-5, 2020 (Peer-Reviewed Journal)
- IV. **Erzurum İli Hınıs İlçesinde Farklı Bitkilerin Yetiştirildiği Toprakların Bazı Fiziksel ve Kimyasal Özelliklerinin Araştırılması**
YAĞANOĞLU E., AYDIN A.
Atatürk Üniv. Ziraat Fak. Dergisi, vol.48, pp.125-131, 2017 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **The Relationship between Nutrition Problems and Soil Profile in Afforestation Studies in Base Physiography**
ÇOMAKLI E., ÖZGÜL M., YAĞANOĞLU E., BAŞARAN M. A., ÖKSÜZ S.
7th International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 17 April 2024, pp.322-320
- II. **Enzyme Activity of Biocar Applied Soil at Different Rates in Irrigation with Varying Irrigation Intervals**
Yağanoğlu E., Yerli C.
5 th INTERNATIONAL CUKUROVA AGRICULTURE AND VETERINARY CONGRESS, Adana, Turkey, 21 - 23 July 2023, pp.941-954
- III. **Sulama suyu tuzluluğuna karşı bioçar kullanımının turp (*Raphanus sativus* L.) bitkisinin verime bağlı bazı fiziksel özellikleri üzerine etkilerinin araştırılması**
Yağanoğlu E., Yerli C.
5th International Food, Agriculture and Veterinary Sciences Congress, Kars, Turkey, 17 - 19 March 2023, pp.22-29
- IV. **Effects of Aggregate Sizes on Soil Properties in A Fine-Textured Soil**
Şenol N. D., Yağanoğlu E., İmanparast L., Özgül M., Barik K., Canbolat M. Y.
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.546

Supported Projects

Parlakova Karagöz F., Dursun A., Yağanoğlu E., Şenol Kotan M., TUBİTAK Project, Tuz Stresine Karşı Farklı Melatonin Dozu Uygulamalarının *Lisianthus* Bitki Gelişimi ve Kesme Çiçek Kalitesi Üzerine Etkilerinin İncelenmesi, 2024 - 2026
AYDIN A., YAĞANOĞLU E., Project Supported by Higher Education Institutions, Kimyasal ve Organik Gübrelerin Toprakların Fiziksel ve Kimyasal Özellikleri ile Toprak ve Bitki Enzim Aktiviteleri Üzerine Etkisi, 2021 - 2023

Metrics

Publication: 42
Citation (WoS): 1
Citation (Scopus): 1
H-Index (WoS): 1
H-Index (Scopus): 1

Congress and Symposium Activities

Uluslararası tarım kongresi, Attendee, Van, Turkey, 2018
Ekoloji, Attendee, Kastamonu, Turkey, 2017