



INTERNATIONAL JOURNAL OF

Innovative Approaches in Agricultural Research

2602 - 4772

IJIAAR

Uluslararası Tarım Arařtırmalarında
Yenilikçi Yaklařımlar Dergisi

Volume 5 Issue 3, September 2021

10.29329/ijjaar.2021. 378

ijjaar.penpublishing.net

IJIAAR

Uluslararası Tarım Arařtırmalarında Yenilikçi Yaklařımlar Dergisi

International Journal of Innovative Approaches in Agricultural Research

e-ISSN: 2602-4772

Dergi Hakkında;

Uluslararası Tarım Arařtırmalarında Yenilikçi Yaklařımlar Dergisi (IJIAAR) ziraat bilimleri alanında bilimsel kurallara uygun arařtırmaları yayınlayan açık eriřimli ve uluslararası hakemli bir dergidir. IJIAAR güncel tarım arařtırmaları üzerine yenilikçi bakıř açısı getiren çalıřmalara öncelik vermeyi amaçlamaktadır. Bilimsel bir dille yazılmıř ampirik, teorik ve kavramsal makaleleri dikkate almaktadır. Dergi İngilizce makaleleri kabul etmektedir. Mart, Haziran, Eylül ve Aralık aylarında olmak üzere yılda 4 sayı olarak yayınlanmaktadır.

Uluslararası Tarım Arařtırmalarında Yenilikçi Yaklařımlar Dergisi'nde yayınlanan tüm makalelerin bilimsel etik ve hukuki sorumluluęu yazarlara, yayın hakları ise Uluslararası Tarım Arařtırmalarında Yenilikçi Yaklařımlar Dergisi'ne aittir. Yayıncının izni olmadan hiç bir çalıřmanın bir kısmı veya tamamı başka mecralarda yayınlanamaz.

About Journal;

The International Journal of Innovative Approaches in Agricultural Research (IJIAAR) is a peer reviewed journal that publishes research on scientific principles in the field of agricultural research. IJIAAR aims to give priority to studies that bring an innovative perspective on current agricultural problems. Empirical, theoretical and conceptual articles of significant originality will be considered. The journal is publishes articles in English. IJIAAR is published as four times a year in March, June, September and December.

Scientific ethical and legal responsibility of all the manuscript published in the journal belongs to the authors and publishing rights belong to the journal. Without permission from the publisher, some or all of any work can not be published in other journals.



IJIAAR

Uluslararası Tarım Arařtırmalarında Yenilikçi Yaklařımlar Dergisi
International Journal of Innovative Approaches in Agricultural Research

Volume 5 Issue 3, September 2021

ijjaar.penpublishing.net

<https://doi.org/10.29329/ijjaar.2021.378>

Owner & Publisher

Pen Academic Publishing™

THDSOft Tayfun Tařbilek

Çanakkale Teknopark Yerleřkesi No:276/J2, Sarıcaeli / Çanakkale / Turkey

www.penpublishing.net | info@penpublishing.net



Editor

Prof. Dr. Yalçın KAYA
Trakya University, Turkey

Associate Editor

Prof. Dr. Villiana VASSILEVA
Pleven Forage Crops Institute, Bulgaria

Language Editor Statistics Editor

Prof. Dr. Saeed RAUF Asst. Prof. Dr. Necmi BESER
Muhammad Nawaz Sharief Agriculture University, Pakistan *Trakya University, Turkey*

Section Editors

Field Crops Agronomy

Prof. Dr. Metin TUNA Prof. Dr. Ioannis TOKATLIDIS
Namık Kemal University, Turkey *Trakia Democritus University, Greece*

Animal Science Horticulture

Prof. Dr. Sezen ARAT Prof. Dr. Nedim MUTLU
Namık Kemal University, Turkey *Akdeniz University, Turkey*

Plant Protection Food Science

Prof. Dr. Ahmet ULUDAĞ Prof. Dr. Aziz TEKİN
Canakkale Onsekiz Mart University, Turkey *Ankara University, Turkey*

Soil and Water Science Agricultural Biotechnology

Assoc. Prof. Dr. Ina ZIVATKAUSKIENE Assoc. Prof. Dr. Semra HASANCEBI
University of Applied Sciences, Lithuania *Trakya University, Turkey*

Editorial Review Board

- Prof. Dr. David BALTENSPERGER *Texas A&M University, United States* Prof. Dr. Miguel CANTAMUTTO *INTA Hilario Ascasubi Institute, Argentina*
- Prof. Dr. Mehmet Emin CALISKAN *Omer Halisdemir University, Turkey* Prof. Dr. Necmettin CEYLAN *Ankara University, Turkey*
- Prof. Dr. Nurhan TURGUT DUNFORD *Oklahoma State University, United States* Prof. Dr. Can ERTEKIN *Akdeniz University, Turkey*
- Prof. Dr. Coskun GULSER *Ondokuzmayis University, Turkey* Prof. Dr. Hulya ILBI *Ege University, Turkey*
- Prof. Dr. Mehmet INAN *Akdeniz University, Turkey* Prof. Dr. Zhao JUN *Inner Mongolia Agricultural University, China*
- Prof. Dr. Kamil HALILOGLU *Erzurum University, Turkey* Prof. Dr. Renata HORN *University of Rostock, Germany*
- Prof. Dr. Irina MITROFANOVA *Nikita Botanical Gardens, Russia* Prof. Dr. Abdul Halim ORTA *Namik Kemal University, Turkey*
- Prof. Dr. Hayrettin OKUT *Kansas University, United States* Prof. Dr. Dejana PANKOVIC *Educon University, Serbia*
- Prof. Dr. Hazir POLLOZHANI *State University of Tetovo, Northern Macedonia* Prof. Dr. Velibor SPALEVIC *University of Montenegro, Montenegro*
- Prof. Dr. Mulpuri SUJATHA *Indian Institute of Oilseeds Research, India* Prof. Dr. Mustafa TAN *Trakya University, Turkey*
- Prof. Dr. Ilhan TURGUT *Uludag University, Turkey* Prof. Dr. Ahu ALTINKUT UNCUOGLU *Marmara University, Turkey*
- Prof. Dr. Bulent UZUN *Akdeniz University, Turkey* Prof. Dr. Dan-Marius VOICILAS *Institute of Agricultural Economics, Romania*
- Assoc. Prof. Dr. Nooduan MUANGSAN *Suranaree University of Technology, Thailand* Assoc. Prof. Dr. Natiga NABIYEVA *Genetic Resources Institute of NAS, Azerbaijan*
- Assoc. Prof. Dr. Mauricio PENARRIETA *Universidad Mayor de San Andrés, Bolivia* Asst. Prof. Dr. Mehdi GHAFARI *Seed and Plant Improvement Institute, Iran*

PEN Academic Director

Ulaş Yabanova
Çanakkale Onsekiz Mart University, Turkey



Indexing/Abstracting

1. **TRDizin** - ULAKBİM - <https://app.trdizin.gov.tr>
2. Advanced Science Index - <http://journal-index.org>
3. ASOS Index - <https://asosindex.com.tr>
4. Bielefeld Academic Search Engine BASE - <https://www.base-search.net>
5. Cite Factor - <http://www.citefactor.org>
6. Cosmos - <http://cosmosimpactfactor.com>
7. Crossref - <https://search.crossref.org>
8. Directory of Research Journals Indexing - <http://olddrji.lbp.world>
9. Electronic Journals Library (EZB) - <http://ezb.uni-regensburg.de>
10. Eurasian Scientific Journal Index - <http://esjindex.org>
11. EuroPub - <https://europub.co.uk>
12. German Union Catalogue of Serials (ZDB) - <https://zdb-katalog.de>
13. Google Scholar - <https://scholar.google.com.tr>
14. Index Copernicus World List - <https://journals.indexcopernicus.com>
15. IPIndexing - <http://ipindexing.com>
16. Journal Factor - <http://www.journalfactor.org>
17. ResearchBib - <http://journalseeker.researchbib.com>
18. ROAD Directory of Open Access Scholarly Resources - <https://portal.issn.org>
19. Root Society for Indexing and Impact Factor Service - <https://www.rootindexing.com>
20. Scholar Article Journal Index - <https://www.scholarimpact.org>
21. ScienceGate Academic Search Engine - <https://www.sciencegate.app>
22. Scientific Indexing Services (SIS) - <http://www.sindexs.org>
23. Scientific Journal Impact Factor - <http://sjifactor.com>
24. Scilit - <https://www.scilit.net>
25. SciMatic - <https://scimatic.org>
26. WorldCat - <https://www.worldcat.org>

Table of Contents

Page
257

Original article
Genotypes x Environment Interaction and Stability of Bread Wheat (*Triticum Aestivum* L.) Cultivar Under Rainfed Conditions
İrfan Öztürk

Page
269

Original article
Docking Studies on the Effects of Some Bioactive Compounds from *Pistacia atlantica* Desf. against Main Protease SARS-CoV2
Taib Nadjat, Sitayeb Tayeb, Necmi Beşer & Aïssaoui Nadia

Page
279

Original article
Influence of *Fusarium* spp. Inoculation Dose Simulating Pathogen Pressure on Grain Production Parameters of *Zea mays* L.
Alexandra Loredana Suci, Gabriel Barşon, Laura Şoptorean, Adriana Morea, Cristina Moldovan & Ioana Crişan

Page
290

Original article
Chemical, Microbiological and Sensory Properties of Acur (*Cucumis Melo* Var. *Flexuosus*) Pickles Produced Using Salt and Vinegar at Different Concentrations
Yekta Gezginç & Özge İnanç

Page
303

Original article
The Effects of Monochromatic Lighting on Hatch Window and Hatching Performance in Broiler Breeder Eggs
Çiğdem Şeremet Tuğalay & Özer Hakan Bayraktar

Page
311

Original article
The Determination of Botanical Properties of Forage *Kochia* Population Grown in Konya Conditions
Nur Koç Koyun & Ramazan Acar

Page
322

Original article
Essential Oil of *Myrtus communis* L. effects *In Vitro* and *In Vivo* Evaluation against Chickpea Blight (*Ascochyta rabiei*) Disease
Amina Kadiri, Nacera Berrezoug, Aicha Henna, Malika Bennaceur & Zohra Ighilhariz

Page
334

Review article
Rural Areas Redefinition
Osman İnan & Sema Konyalı
