



INTERNATIONAL JOURNAL OF

Innovative Approaches in Science Research

2602 - 4810

2602 - 4535

IJIASR

Uluslararası Fen Arařtırmalarında
Yenilikçi Yaklaşımlar Dergisi

Volume 8 Issue 2, June 2024
10.29329/ijiasr.2024.1054

ijiasr.penpublishing.net

IJIASR

Uluslararası Fen Arařtırmalarında Yenilikçi Yaklaşımlar Dergisi International Journal of Innovative Approaches in Science Research

ISSN: 2602-4810 | e-ISSN: 2602-4535

Dergi Hakkında;

Uluslararası Fen Bilimlerinde Yenilikçi Yaklaşımlar Dergisi (IJIASR) fen bilimleri alanında bilimsel kurallara uygun arařtırmaları yayınlayan açık erişimli ve uluslararası hakemli bir dergidir. IJIASR güncel fen arařtırmaları üzerine yenilikçi bakış açısı getiren çalışmalarla öncelik vermeyi amaçlamaktadır. Bilimsel bir dille yazılmış ampirik, teorik ve kavramsal makaleleri dikkate almaktadır. Dergi yalnızca İngilizce makaleleri kabul etmektedir. Mart, Haziran, Eylül ve Aralık aylarında olmak üzere yılda 4 sayı olarak yayınlanmaktadır.

Uluslararası Fen Bilimlerinde Yenilikçi Yaklaşımlar Dergisi'nde yayınlanan tüm makalelerin bilimsel etik ve hukuki sorumluluğu yazarlara, yayın hakları ise Uluslararası Fen Bilimlerinde Yenilikçi Yaklaşımlar Dergisi'ne aittir. Yayıncının izni olmadan hiç bir çalışmanın bir kısmı veya tamamı başka mecralarda yayınlanamaz.

About Journal;

The International Journal of Innovative Approaches in Science Research (IJIASR) is a peer reviewed journal that publishes research on scientific principles in the field of science research. IJIASR aims to give priority to studies that bring an innovative perspective on current scientific problems. Empirical, theoretical and conceptual articles of significant originality will be considered. The journal is publishes articles in English. IJIASR 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 Without permission from the publisher, some or all of any work can not be published in other journals.



IJIASR

Uluslararası Fen Arařtırmalarında Yenilikçi Yaklařımlar Dergisi
International Journal of Innovative Approaches in Science Research

Volume 8 Issue 2, June 2024

(The June issue was published with a delay in August due to the extension of the article process.)

ijiasr.penpublishing.net

<https://doi.org/10.29329/ijiasr.2024.1024>

Owner & Publisher

Pen Academic Publishing®

THDSOft Tayfun Tařbilek

Çanakkale Teknopark Yerleřkesi, Sarıcaeli / Çanakkale / Türkiye

www.penpublishing.net | info@penpublishing.net

Editor

Dr. Kemal Melih Taşkın
Çanakkale Onsekiz Mart University, Türkiye

Associate Editor

Dr. Seyhun Yurdugul
Abant İzzet Baysal University, Türkiye

Section Editor

Dr. Seyhun Yurdugul Dr. Özkan Eren
Abant İzzet Baysal University, Turkey Aydın Adnan Menderes University, Türkiye

Editorial Review Board

Dr. Adife Gulhan Ercan – Şençiçek Dr. Arzu Ünal
Yale University, USA Iğdır University, Türkiye

Dr. Ayşe Gül Karaman Nasırcılar Dr. Burcu Mestav
Akdeniz University, Türkiye Çanakkale Onsekiz Mart University, Türkiye

Dr. Cüneyt Akı Dr. Çimen Atak
Çanakkale Onsekiz Mart University, Türkiye İstanbul Kültür University, Türkiye

Dr. Dejana Pankovic Dr. Erhan Budak
Educon University, Serbia Abant İzzet Baysal University, Türkiye

Dr. Evrim Arzu Elcuman Koçkaya Dr. Fulvio Pupilli
Gazi University, Türkiye The Institute of Biosciences and Bioresources (IBBR), Italy

Dr. Hilal Özdağ Dr. Ina Zivatkauskiene
Ankara University, Türkiye University of Applied Sciences, Lithuania

Dr. Ioannis Tokatlidis Dr. Irina Mitrofanova
Trakia Democritus University, Greece Nikita Botanical Gardens, Russia

Dr. Jens Allmer Dr. Kenan Turgut
Bielefeld University, Germany Akdeniz University, Türkiye

Dr. Magda Janalíková Dr. L. Didem Kozacı
Tomas Bata University, Czechica Yıldırım Beyazıt University, Türkiye

Dr. Muhammad Wasim Sajid Dr. Mehtap Kılıç Eren
COMSATS Institute of Information Technology Aydın Adnan Menderes University, Türkiye
Department of Bioscience, Sahiwal, Pakistan

Dr. Murat Olutař Dr. Mulpuri Sujatha
Bolu Abant İzzet Baysal University, Türkiye *ICAR - Indian Institute of Oilseeds Research, India*

Dr. Naci Çine Dr. Nurhan Turgut Dunford
Kocaeli University, Türkiye *Oklahoma State University, United States*

Dr. Nooduan Muangsan Dr. Rachel Toyosi Idowu
Suranaree University of Technology, Thailand *University of Abuja, Nigeria*

Dr. Özkan Eren Dr. Saeed Rauf
Aydın Adnan Menderes University, Türkiye *Muhammad Nawaz Sharief Agriculture University, Pakistan*

Dr. Rishi K. Behl Dr. Sinan Akgöl
CCS Haryana Agricultural University, India *Ege University, Türkiye*

Dr. Teodora Popova Dr. Zafer Ercan
Institute of Animal Science - Kostinbrod, Bulgaria *Abant İzzet Baysal University, Türkiye*

Dr. Yasemin Güler Dr. Zsolt Ponya
Ministry of Food, Agriculture and Livestock, Türkiye *Kaposvar University, Hungary*

PEN Academic Director

Dr. Ulař Yabanova
Çanakkale Onsekiz Mart University, Türkiye



Indexed Info

1. Advanced Science Index - <http://journal-index.org>
2. ASOS Index - <https://asosindex.com.tr>
3. Bielefeld Academic Search Engine BASE - <https://www.base-search.net>
4. Cite Factor - <http://www.citefactor.org>
5. Cosmos - <http://cosmosimpactfactor.com>
6. Crossref - <https://search.crossref.org>
7. Directory of Research Journals Indexing - <http://olddrji.lbp.world>
8. Eurasian Scientific Journal Index - <http://esjindex.org>
9. EuroPub - <https://europub.co.uk>
10. Index Copernicus World List - <https://journals.indexcopernicus.com>
11. IPIndexing - <https://ipindexing.com>
12. Journal Factor - <http://www.journalfactor.org>
13. OpenAIRE - <https://explore.openaire.eu>
14. ResearchBib - <https://www.researchbib.com>
15. ROAD Directory of Open Access Scholarly Resources - <https://portal.issn.org>
16. Root Society for Indexing and Impact Factor Service - <https://www.rootindexing.com>
17. ScienceGate Academic Search Engine - <https://www.sciencegate.app>
18. Scientific Indexing Services (SIS) - <http://www.sindex.org>
19. Scientific Journal Impact Factor - <http://www.sjifactor.com>
20. Scilit - <https://www.scilit.net>
21. SciMatic - <https://scimatic.org>
22. Scite_ - <https://scite.ai>
23. UnpayWall - <https://unpaywall.org>
24. WorldCat - <https://www.worldcat.org>

Table of Contents

Page 38	Original article Investigation of the Biological Activities of <i>Colocasia esculenta</i> L. Schott İrem Dağlar, İrem Akyol, Neslihan Demir
Page 56	Original article Harnessing the Power of Quantum Computing to Build an Ideal Team and Line-Up for the Euroleague Fantasy Challenge Sabri Gündüz, İhsan Yılmaz
Page 70	Original article Recombinat Production and Characterization of the SUMO-Tagged N-Glycosidase F Enzyme Sercan Karav
Page 79	Original article The Effects of Sowing Density Applications on Yield and Some Quality Parameters in Different Vegetable Microgreens Tolga Sarıyer, Mehmet Ali Gündoğdu, Murat Şeker, Yavuz Alkan
Page 90	Original article Quantum Digital Signature Generation with Quantum Continuous Variables Cumali Yaşar, Can Aktaş
