



INTERNATIONAL JOURNAL OF

Innovative Approaches in Science Research

2602 - 4810

2602 - 4535

IJIASR

Uluslararası Fen Arařtırmalarında
Yenilikçi Yaklaşımlar Dergisi

Volume 5 Issue 1, March 2021

10.29329/ijiasr.2021.338

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 Türkçe ve 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 Turkish and 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 Without permission from the publisher, some or all of any work can not be published in other journals.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 5 Issue 1, March 2021

ijiasr.penpublishing.net

<https://doi.org/10.29329/ijiasr.2021.338>

Owner & Publisher

Pen Academic Publishing™

THDSOft Tayfun Tařbilek

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

www.penpublishing.net | info@penpublishing.net

Editor

Dr. Kemal Melih Taşkın
Çanakkale Onsekiz Mart University, Turkey

Associate Editor

Dr. Seyhun Yurdugul
Abant İzzet Baysal University, Turkey

Section Editor

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

Editorial Review Board

- Dr. Adife Gulhan Ercan – Şençiçek Dr. Arzu Ünal
Yale University, USA Iğdır University, Turkey
- Dr. Ayşe Gül Karaman Nasırcılar Dr. Burcu Mestav
Akdeniz University, Turkey Çanakkale Onsekiz Mart University, Turkey
- Dr. Cüneyt Akı Dr. Çimen Atak
Çanakkale Onsekiz Mart University, Turkey İstanbul Kültür University, Turkey
- Dr. Dejana Pankovic Dr. Erhan Budak
Educon University, Serbia Abant İzzet Baysal University, Turkey
- Dr. Evrim Arzu Elcuman Koçkaya Dr. Fulvio Pupilli
Gazi University, Turkey The Institute of Biosciences and Bioresources (IBBR), Italy
- Dr. Hilal Özdağ Dr. Ina Zivatkauskiene
Ankara University, Turkey 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, Turkey
- Dr. Magda Janalíková Dr. L. Didem Kozacı
Tomas Bata University, Czechia Yıldırım Beyazıt University, Turkey
- Dr. Muhammad Wasim Sajid Dr. Mehtap Kılıç Eren
*COMSATS Institute of Information Technology Aydın Adnan Menderes University, Turkey
Department of Bioscience, Sahiwal, Pakistan*

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

Dr. Naci ine Dr. Mustafa Kocakulak
Kocaeli University, Turkey *Izmir Demokrasi University, Turkey*

Dr. Nooduan Muangsan Dr. Nermin Gozükırmızı
Suranaree University of Technology, Thailand *Istinye University, Turkey*

Dr. zkan Eren Dr. Nurhan Turgut Dunford
Aydın Adnan Menderes University, Turkey *Oklahoma State University, United States*

Dr. Rishi K. Behl Dr. Rachel Toyosi Idowu
CCS Haryana Agricultural University, India *University of Abuja, Nigeria*

Dr. Sibel Hayretdağ Dr. Saeed Rauf
anakkale Onsekiz Mart University, Turkey *Muhammad Nawaz Sharief Agriculture University, Pakistan*

Dr. Teodora Popova Dr. Sinan Akgöl
Institute of Animal Science - Kostinbrod, Bulgaria *Ege University, Turkey*

Dr. Yasemin Gler Dr. Tuğba Tmer
Ministry of Food, Agriculture and Livestock, Turkey *anakkale Onsekiz Mart University, Turkey*

Dr. Zsolt Ponya Dr. Zafer Ercan
Kaposvar University, Hungary *Abant İzzet Baysal University, Turkey*

PEN Academic Director

Ulař Yabanova
anakkale Onsekiz Mart University, Turkey



Indexing/Abstracting

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. Journal Factor - <http://www.journalfactor.org>
12. ResearchBib - <https://www.researchbib.com>
13. ROAD Directory of Open Access Scholarly Resources - <https://portal.issn.org>
14. Root Society for Indexing and Impact Factor Service - <https://www.rootindexing.com>
15. ScienceGate Academic Search Engine - <https://www.sciencegate.app>
16. Scientific Indexing Services (SIS) - <http://www.sindexs.org>
17. Scientific Journal Impact Factor - <http://www.sjifactor.com>
18. Scilit - <https://www.scilit.net>
19. SciMatic - <https://scimatic.org>
20. WorldCat - <https://www.worldcat.org>

Table of Contents

Page	Original article
01	<i>Evaluation of BACTECTM FX Blood Culture System for Rapid Sterility Testing of Human Medicinal Solutions for Infusion</i> Ferhat Yıldırım, Umur Kumrulu, Elif Kumrulu, Esmâ Yazar, Meryem Kuşcu , Gizem Antika & Tuğba Tümer

Page	Review article
14	Vegetable and Fruit Waste Production Related to Consumption in Turkey and Certain Middle East Countries Seyhun Yurdugul & Hawnaz Othman Najmalddin