E-ISSN: 2959-8036



# Journal of Life Science Journal of Life Science and Applied Research (ILSAR)

Volume 2 Issue 2
December 31, 2021

Subject: Life Sciences

Frequency: Biannually

Email: editor@jlsar.com



Journal of Life Science and Applied Research (JLSAR) is a Journal of Scientific Research on life Sciences published since 2020 under the license of Creative Commons Attribution 4.0 International (CC-BY)

## Journal of Life Science and Applied Research (JLSAR)

Open Access

### **Member Editorial Team**

Prof. Dr. Thafer Thabit Mohammed University of Anbar, College of Agriculture, Iraq Editor-In-Chief

Prof. Dr. Ala-Eddin Al Moustafa College of Medicine, Qatar University, Qatar

Prof. Dr. Khan Bahadar Marwat
University of Agriculture, Peshawar, Weed Science, Pakistan
Prof. Dr. Ahmad Tatar
University of Khuzestan, Animal Science Faculty, Iran
Prof. Dr. Manar Omer Ibrahim Ahmed
University of Gezira, College of Agricultural Sciences, Sudan
Assist. Prof. Dr. Nadia M. T. Jebril
University of Plymouth, UK
Assist. Prof. Dr. Hadar S. Faizy
University of Duhok, Iraq

Assist. Prof. Dr. Anje Amin Mahmoud Ministry of Water Resources, Syrian Arab Republic Prof. Dr. Zahra H. Mohammad University of Houston, College of Agriculture &

Life Science, USA
Prof. Dr. Mohammed Qais Abed
University of Anbar, College of Science, Iraq
Prof. Dr. Mohammad Mustafa Al Abid
International Consultant, Canada
Assist. Professor Dr. Manreet Bhullar
Kansas State University, USA
Assist. Prof. Dr. Zaed Jamel Mohammed
University of Anbar, College of Agriculture, Iraq
Assist. Prof. Dr. Samar Ghanem
Tishreen University, Syrian Arab Republic

### **Aims and Scope**

Journal of Life Science and Applied Research (JLSAR) is a quarterly international journal that accepts research articles, reviews, and short communications of content related to life sciences. Research articles and short communications must report original work not previously published in any language and not under consideration for publication elsewhere. The main aim of JLSAR is to publish papers that report research findings in life sciences. Journal of Life Science and Applied Research (JLSAR) publishes original research papers, review papers, and case reports. JLSAR is open access Journal, the publication is dedicated to bringing together intellectual and professional scientists, Research articles make an original and significant contribution to the field of study within the scope of the journal. These articles should be of interest to a broad audience, scientifically sound, well-written, and concise. Short communications must report completed work, not preliminary findings.

Reviews aim to provide an overview of an issue of great interest or topicality. Reviews will be invited by the Editorial Board. However, potential authors can suggest topics to the Editor-in-Chief. Authors must be experts and have several publications on the subject, as well as the public sectors who are engaged in efforts to understand the life sciences in fields of Biology, Microbiology, Pathology, Clinical Pathology, Parasitology, Biotechnology, Virology, Histology, Pharmacology, Epidemiology, Immunology, Hematology, Toxicology, Physiology, Embryology, Molecular Biology, Zoology, Ecology, Entomology, Anatomy, Taxonomy, Anatomy, Biodiversity, Biochemistry, Bioinformatics, Biophysics, Photochemistry, Genetics, Genetic Engineering, Public Health, Veterinary Science, Food Science, Agricultural Sciences and Botany.

**Copyright:** © **2021 by the JLSAR**. Journal of Life Science and Applied Research (JLSAR) is a Journal of Scientific Research on life Sciences published since 2020 under the license of Creative Commons Attribution 4.0 International (CC-BY) license (<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>).

### **Disclaimer/Journal's Note:**

The statements, opinions, and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of JLSAR and/or the editor(s). JLSAR and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions, or products referred to in the content.



# Table of Contents

# Journal of Life Science and Applied Research (JLSAR) Volume 2 Issue 2 December 31, 2021

No.	Title	Page
1.	THE EFFECT OF FERTILIZATION AND REPEATED MOWING ON SOME VEGETATIVE CHARACTERISTICS AND YIELD OF PANICUM MOMBASA PLANT  N.A. Al-Zubaidy, N. Fl. Al-Mubarak, A. M. Ahmed	34-45
2.	THE EFFECT OF ADDING DIFFERENT RATES OF MUSHROOM POWDER TO THE WHEAT FLOUR ON THE NUTRITIONAL VALUE OF PROTEINS, SENSORY AND PHYSICAL PROPERTIES OF LOCAL BREAD S. H. Al-Atijawi, R. S. Almusawy	46-53
3.	EFFECT OF PLANT GROWTH REGULATORS ON IN VITRO AND EX VITRO CONDITIONS ON PROPAGATION OF DIANTHUS CARYOPHLLUS L. I. R. Khairi, M. A. Salman	54-60
4.	CORRELATION BETWEEN UDDER CONFORMATION WITH DAILY MILK YIELD OF BUFFALOES A. R. Alkhateeb, W.I. Ibrahim, A. A. Taha	61–65

