

E-ISSN: 2959-8036



Journal of Life Science and Applied Research (JLSAR)

Volume 4 Issue 1
June 30, 2023

Subject: Life Sciences

Frequency: Biannually

Email: editor@jlsar.com

OPEN  ACCESS



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. Zahra H. Mohammad
University of Houston, College of Agriculture &
Life Science, USA

Prof. Dr. Khan Bahadar Marwat
University of Agriculture, Peshawar, Weed Science, Pakistan

Prof. Dr. Mohammed Qais Abed
University of Anbar, College of Science, Iraq

Prof. Dr. Ahmad Tatar
University of Khuzestan, Animal Science Faculty, Iran

Prof. Dr. Mohammad Mustafa Al Abid
International Consultant, Canada

Prof. Dr. Manar Omer Ibrahim Ahmed
University of Gezira, College of Agricultural Sciences, Sudan

Assist. Professor Dr. Manreet Bhullar
Kansas State University, USA

Assist. Prof. Dr. Nadia M. T. Jebri
University of Plymouth, UK

Assist. Prof. Dr. Zaed Jamel Mohammed
University of Anbar, College of Agriculture, Iraq

Assist. Prof. Dr. Hadar S. Faizy
University of Duhok, Iraq

Assist. Prof. Dr. Samar Ghanem
Tishreen University, Syrian Arab Republic

Assist. Prof. Dr. Anje Amin Mahmoud
Ministry of Water Resources, 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, Biodiversity, Biochemistry, Bioinformatics, Biophysics, Photochemistry, Genetics, Genetic Engineering, Public Health, Veterinary Science, Food Science, Agricultural Sciences and Botany.

Copyright: © 2023 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 (<https://creativecommons.org/licenses/by/4.0/>).

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.



Journal of Life Science and Applied Research (JLSAR)

Table of Contents

Journal of Life Science and Applied Research (JLSAR)

Volume 4 Issue 1

June 30, 2023

No.	Title	Page
1.	EFFECT OF SOME UNFAVORABLE BEHAVIORAL TRAITS ON THE BEHAVIOR OF BROILER CHICKS S. S. Shawkat, A. I. Mohammed, S. A. Rashid, S. M. Abdulateef	1-8
2.	EVALUATION OF AL KABEER AL SHAMALI RIVER'S WATER SUITABILITY FOR DRINKING, BASED ON MODELING AND PSEUDOMONAS AERUGINOSA DETECTION IN SYRIA A. Mahmoud, M. Y. Khudair	9-29
3.	THE EFFECT OF USING DIFFERENT LEVELS OF VITAMIN E ON THE PRODUCTIVE TRAITS OF BROILER CHICKENS A. Tatar , R. Kasaeizadeh, B. Shobeirinia, L. Abdali, R. Baeelashaki	30-36
4.	THE EFFECT OF USING DIFFERENT LEVELS OF VITAMIN E ON THE ANTIOXIDANTS STATUS OF BROILER CHICKENS H. Zain, A. Tatar , O. M. Alabi, M. Samiei Zafarghandi	37-44
5.	ASSESSING THE EFFICIENCY OF CEMENT KILN DUST FOR HEAVY METALS REMOVAL FROM SIMULATED POLLUTED WATER S. S Mansoor, J. Sh. Al-Esawi, M. N. Al-Falahi	45-52

