



Alaa Younis Mahdy Salih Al-Hamadany

علاء يونس مهدي صالح الحمداني

Assistant Professor

ACADEMIC TITLES

2023-12-26 Assistant Professor

ADMINISTRATIVE POSITIONS

2023-01-09 - Present Head of the Anesthesia Techniques Department

PUBLICATIONS (50)

- Biotherapeutic Effect of Lactobacillus acidophilus on Virulence Gene Expression of Giardia lamblia: A Molecular and Phylogenetic Study of Iraqi Isolates**
Journal of Bioscience and Applied Research | 2026
- Phenotypic and molecular detection of some Gram-negative bacteria from water of some commercial fish tanks in Mosul City/Iraq**
Microbes and Infectious Diseases | 2026
- Diagnostic Performance of Molecular and Immunological Techniques Alongside Cytokine Analysis for The Early Detection of Echinococcus Granulosus Infection**
Journal homepage: <http://ieta.org/journals/ijdne> 21 (5), 1499-1506, 2026 | 2026
- Comprehensive Insights into Genetic Markers of Yellow Maize**
2026
- Effect of estrogen and progesterone Hormones on uterine cancer: A Review**
Journal of Medical and Life Science 8 (1), 172-186, 2026 | 2026
- A Medical Review of Gender's Influence on Health**
Journal of Medical and Life Science 8 (1), 139-155, 2026 | 2026
- Evaluation of Yellow Corn Some Strains Zea Mays L. in Nineveh Governorate**
2026
- Can food increase or decrease immunity? Article review**
International Journal of Multidisciplinary Futuristic Development | 2025
- Determination of Aromatase and Some Biochemical Parameters in Breast Cancer Patients in Mosul City, Iraq**
Journal of Bioscience and Applied Research 11 (3), 902-909, 2025 | 2025 | Cited: 1
- All What You Need To Know About the Lymphatic Filariasis**
International Journal of Medical and All Body Health Research | 2025
- Alginate: A Natural Alternative to Antibiotics Used for in vitro Inhibition of Clinically Propionibacterium acnes Growth from Adolescent in Mosul City/Iraq.**
Journal of Bioscience and Applied Research 10 (4), 760-787, 2024 | 2024 | Cited: 4
- Evaluation of Yellow Corn Some Strains Zea Mays L. in Nineveh Governorate**
International Conference on Sustainable Development Techniques, 1599-1607, 2024 | 2024
- Comprehensive Insights into Genetic Markers of Yellow Maize**
International Conference on Sustainable Development Techniques, 1577-1598, 2024 | 2024
- Environmental applications of bacteria in water and soil treatment: A Review**
International Journal of Multidisciplinary Comprehensive Research | 2024
- Use of Microorganisms in the Dairy Industry: A Review.**
Scientific Research Journal of Agriculture and Life Sciences | 2024 | Cited: 2

CONTACT

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alaa.mahdy156@ntu.edu.iq

EDUCATION

دكتوراه (15-06-2022)
Biology
Tikrit university

RESEARCH METRICS

h-index (Scopus)	6
h-index (GS)	7
Citations (Scopus)	58
Citations (GS)	99
Documents (Scopus)	17
Documents (GS)	36



16. **Evaluation of genotoxicity and some biochemical parameters in preeclampsia patients with SARS-Cov2**
Journal of Bioscience and Applied Research 10 (3), 352-361, 2024 | 2024 | Cited: 11
17. **Efficacy of Nigella sativa and Zingiber officinale Extract Against Multidrug-Resistance Escherichia coli: An Experimental Study**
Journal of Bioscience and Applied Research 10 (4), 856-856, 2024 | 2024 | Cited: 6
18. **Assessment of Mothers Knowledge and Management Regarding Fever of Preschool Children in Mosul City**
Journal of Bioscience and Applied Research 10 (6), 128-136, 2024 | 2024 | Cited: 4
19. **Viral Hepatitis B among Medical Technical Students in Mosul City/Iraq**
Journal of Bioscience and Applied Research 10 (6), 78-87, 2024 | 2024 | Cited: 1
20. **Phenotypic and molecular detection of some Gram-negative bacteria from water of some commercial fish tanks in Mosul City/Iraq**
Microbes and Infectious Diseases, 2024 | 2024
21. **Alginin: A Natural Alternative to Antibiotics Used for In vitro Inhibition of Clinically Propionibacterium acnes Growth from Adolescents in Mosul City/Iraq.**
Journal of Bioscience and Applied Research | 2024
22. **The Fluorescence in situ hybridization (FISH): types and application: a review**
NTU Journal of Pure Sciences | 2023
23. **Genotoxicity and genomic instability in oral epithelial cells of agricultural workers exposed to pesticides using micronucleus and comet assay in Nineveh, Iraq**
Journal of Applied and Natural Science 15 (2), 473-479, 2023 | 2023 | Cited: 18
24. **Genotoxic effects of dental amalgam based on micronucleus assay in epithelial cells from the oral cavity in patients**
Int J Adv Biochem Res 7 (1), 101-104, 2023 | 2023 | Cited: 2
25. **Estimation of serum immunoglobulin E level in asthma and its correlation with Epstein Barr Virus (EBV) infection**
Tikrit Journal of Pure Science | 2023
26. **16s rRNA SEQUENCING FOR IDENTIFICATION BACTERIA FROM FACE MASK OF STUDENTS IN MOSUL UNIVERSITY**
*Full Text Book of Minar Congress*5 | 2022
27. **Analysis of the Chromosomal Aberrations in Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and Hepatocellular Carcinoma Patients (HCC) in Mosul City, Iraq**
NTU Journal of Pure Sciences 1 (2), 48-53, 2022 | 2022 | Cited: 7
28. **Evaluation of the genotoxicity and genomic instability in patients with HBV, HCV and HCC using micronucleus and comet assay**
NTU Journal of Pure Sciences 1 (2), 54-63, 2022 | 2022 | Cited: 1
29. **Evaluation of the genotoxicity in patients with HBV, HCV, and HCC using micronucleus and comet assay in Mosul City\Iraq**
International journal of health sciences | 2022
30. **Evaluation of biochemical and hematological parameters in glucose-6-phosphate dehydrogenase deficiency patients associated Covid19 infection**
Egyptian Journal of Chemistry 65 (4), 221-229, 2022 | 2022 | Cited: 7
31. **Some biochemical parameters in patients of COVID-19 in Mosul City, Iraq.**
Biochemical & Cellular Archives 21, 2021 | 2021 | Cited: 9
32. **ASSESSMENT OF GENOTOXIC EFFECT OF ESCHERICHIA COLI IN PATIENTS WITH URINARY TRACT INFECTION.**
Biochemical & Cellular Archives 21, 2021 | 2021 | Cited: 5
33. **Protective Effect Of Rosmarinus Officinalis L. Against Hepatic Injury Stimulated By Ferric Chloride In Male Rats**
NVEO-NATURAL VOLATILES & ESSENTIAL OILS Journal| NVEO, 12170-12182, 2021 | 2021
34. **Molecular study of Acinetobacter baumannii toxin-antitoxin system**
Archives of Razi Institute | 2021

35. **Evaluation of Biochemical and hematological Parameters in Glucose-6-Phosphate Dehydrogenase Deficiency Patients Associated Covid19 infection**
Egyptian Journal of Chemistry | 2021 | Cited: 9
36. **Serological and immunological determination of auto-antibodies against myositis-associated antigens in systemic lupus erythematosus patients using a novel immunoblot assay**
Medico-Legal Update | 2020
37. **Detection of Cytomegalovirus (CMV) in Poly-Transfused Thalassemia Patients and Its Correlation with ABO Blood Groups**
Ann Trop Med & Public Health 23 (4), S485, 2020 | 2020 | Cited: 4
38. **DETERMINATION OF AUTO-ANTIBODIES AGAINST MYOSITIS ASSOCIATED ANTIGENS IN RHEUMATOID ARTHRITIS PATIENTS USING NEW IMMUNOBLOT ASSAY IN MOSUL, IRAQ**
Biochem. Cell. Arch. | 2019
39. **Detection of auto-transporter Sat and Vat genes among Escherichia coli strains isolated from urinary tract infections**
Tik. J. of Pure Sci. 23 (10), 40-45, 2019 | 2019 | Cited: 1
40. **DETERMINATION OF AUTO-ANTIBODIES AGAINST MYOSITIS ASSOCIATED ANTIGENS IN RHEUMATOID ARTHRITIS PATIENTS USING NEW IMMUNOBLOT ASSAY IN MOSUL, IRAQ**
Biochemical & Cellular Archives 19 (1), 2019 | 2019
41. **Estimation of serum immunoglobulin E level in asthma and its correlation with Epstein Barr Virus (EBV) infection**
Tikrit Journal of Pure Science 23 (9), 12-15, 2018 | 2018 | Cited: 7
42. **التحري عن فايروس البشتاين-بارفي مرضى المناعة الذاتية وفقر دم البحر المتوسط بتقنيه اللطخة المناعية**
2015
43. **Detection of Epstein-Barr virus in autoimmune and Thalassemia patients using new Immunoblot assay**
Journal of Biotechnology Research Center 9 (1), 13-16, 2015 | 2015
44. **Detection of the Predominant Strain of Epstein-Barr Virus in Systemic Autoimmune and Thalassemia Patients**
Science 25 (2), 1-9, 2014 | 2014 | Cited: 1
45. **Effect of Cyclosporine on the Relevant Biochemical Parameters in Renal Transplantation Patients in Mosul/Iraq**
Journal of Education and Science 26 (5), 210-220, 2013 | 2013 | Cited: 1
46. **Evaluating Some Biochemical Parameters In Pregnancy Women With COVID-19 Infection**
0
47. **Evaluation of the Genotoxicity in Patients with HBV, HCV, and HCC Using Micronucleus and Comet Assay in Mosul City\Iraq**
International Journal of Health Sciences, 1567-1579, 0 | 0
48. **Journal of Bioscience and Applied Research**
0
49. **16S rRNA SEQUENCING FOR IDENTIFICATION BACTERIA FROM FACE MASK OF STUDENTS IN MOSUL UNIVERSITY**
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50. **YM, Saadi, AM, & Mohammed, ZA (2024). Efficacy of Nigella sativa and Zingiber officinale Extract Against Multidrug-Resistance Escherichia coli: An Experimental Study**
Journal of Bioscience and Applied Research 10 (4), 856-856, 0 | 0 | Cited: 8