



Lubna Abdulazeem Majeed Mousa AL-Bayati

لبنى عبد العظيم مجيد موسى البياتي

Professor

PROFILE

Lubna Abdulazeem Majeed Mousa AL-Bayati

ACADEMIC TITLES

2005-08-14	Assistant Professor
2011-06-26	Lecturer
2016-03-09	Associate Professor
2021-04-08	Professor

GRADUATE SUPERVISION

duaa hasssan hadi (2021)

Zahra Aeed Nahi (2021)

Sarah Khadim Abbas (2023)

Ziad Salah Mohammed (2020)

Yasmin Hashim Khdaier (2023)

ADMINISTRATIVE POSITIONS

2020-12-20 - Present Head of DNA research center department

PUBLICATIONS (6 2)

- Detection of Hepatitis B viral infection among addicts' patients**
Microbial Biosystems 11 (1), 64-69, 2026 | 2026
- Antimicrobial and anticarcinogenic activity of selenium nanoparticles obtained via pulsed laser ablation**
Scientific Reports, 2026 | 2026
- Synthesis and Bioactivity of Spinel Cadmium Ferrite Nano finger**
Warith Scientific Journal of Engineering and Technology 1 (1), 16-22, 2025 | 2025
- Diabetic Foot Ulcers AND Recent Treatment by Nanomaterials: A Mini Review**
Universal Publication Index e-Library, 86-103, 2025 | 2025
- Antibiotic Resistance and Biofilm Formation in Uropathogenic Bacteria: A Study of Clinical Isolates from Hilla City**
Hammurabi Journal of Medical Sciences 2 (1), 17-30, 2025 | 2025

CONTACT

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EDUCATION

بكلوريوس (15-07-1998)

microbiology

University of Babylon

ماجستير (14-08-2005)

microbiology/ Immunology

University of Babylon

دكتوراه (31-10-2019)

microbiology/ Nanotechnology

University of Babylon

RESEARCH METRICS

h-index (Scopus)	6
h-index (GS)	10
Citations (Scopus)	136
Citations (GS)	252
Documents (Scopus)	29
Documents (GS)	60

AWARDS

- Entrepreneurial Researcher Medal
- Medal an active research
- Medal of membership Areed
- Shield of Excellence and Creativity from Al Rawnaq International Academy for Development
- scientific and golden creativity medal
- scientific creativity medal

RESEARCH INTERESTS

- Microbiology, immunity, nanotechnology, antibiotics



6. **Effect of Green Gold Nanoparticles on The Expression of Efflux Pump Genes AcrAv and NorA for MDR Uropathogenic Escherichia coli and Staphylococcus epidermidis**
Medical Journal of Babylon 22 (Suppl 1), S1-S7, 2025 | 2025 | Cited: 1
7. **Antibacterial Potential of Green Synthesize Gold Nanoparticles Using Pomegranate Peel Extract on MDR Uropathogenic Bacteria**
Iraqi Journal of Natural Sciences and Nanotechnology 6 (1), 118-133, 2025 | 2025 | Cited: 2
8. **Evaluation of the Magnesium Oxide Nanoparticles Action Against Escherichia coli as Foodborne Bacteria**
Universal Publication Index e-Library, 65-70, 2025 | 2025
9. **Antibacterial and Antioxidant Potential of Silver Nanoparticles Bio-Friendly Synthesis Using Delftia acidovorans (OM838393. 1) Strain**
Medical Journal of Babylon 22 (2), 484-490, 2025 | 2025 | Cited: 1
10. **Bacterial infections and inflammatory markers in diabetic foot ulcers: assessing the roles of staphylococcus aureus, pseudomonas aeruginosa, vascular endothelial growth factor ...**
Medical Journal of Babylon 21 (2), 330-336, 2024 | 2024 | Cited: 4
11. **Application of green silver nano-particles as anti-bacterial and photo-catalytic degradation of azo dye in wastewater**
Scientific Reports 14 (1), 31593, 2024 | 2024 | Cited: 10
12. **Generation and Investigation of FEO Nanoparticles' Optical Properties and Antibacterial Activity Using Pulsed Laser Ablation in Deionized Water**
International Journal of Nanoscience 23 (02), 2350066, 2024 | 2024 | Cited: 15
13. **Preparation and Characterization of Chitosan Nanoparticles from Crab shell and Determination their Activity as Antibacterial and Antioxidant**
Current Clinical and Medical Education 2 (03), 6-15, 2024 | 2024
14. **THE CORRELATION BETWEEN APPETITE HORMONE AND LIPID PROFILE IN OVERWEIGHT MALES WITH HYPERTENSION**
Gomal Journal of Medical Sciences 22 (2), 132-137, 2024 | 2024
15. **Antibacterial Potential of Bio-Synthesized Gold Nanoparticles Against MDR Bacteria**
International Journal of Medical Science and Dental Health 10 (03), 24-33, 2024 | 2024 | Cited: 2
16. **CLEAN WATER AND SANITATION IN BIOREMEDIATION TREATMENT OF SLAUGHTERHOUSE WASTE AS ENVIRONMENTALLY SAFE SOLUTIONS THAT SERVE SUSTAINABLE DEVELOPMENT**
Central Asian Journal of Medical and Natural Science 5 (1), 12-24, 2024 | 2024
17. **Good Health and Well- being in the Different Current Treatment Strategies for Coronavirus Disease 2019 (COVID-19): A mini Review**
International Journal of Medical Science and Dental Health | 2024 | Cited: 1
18. **Bio-friendly preparation and characterization of silver nanoparticles from eggshell powder extract: an exploration into their antibacterial and anticancer potential**
Review of Clinical Pharmacology and Pharmacokinetics - International Edition | 2024
19. **Molecular detection of Streptomyces antibiotic production genes StrA and StrB**
Journal of Biotech Research 17, 345-351, 2024 | 2024
20. **Anti-Bacterial Action OF Silver Nanoparticles Against MDR Bacteria Isolated From Hospital**
International Journal of Medical Science and Dental Health 10 (10), 93-99, 2024 | 2024 | Cited: 1
21. **Archive of SID. ir**
2023 | Cited: 2
22. **Utilization of aqueous broccoli florets extract for green synthesis and characterization of silver nanoparticles, with potential biological applications**
Heliyon 9 (9), 2023 | 2023 | Cited: 26
23. **Role of some serological markers in evaluation COVID-19 infection severity**
Journal of Biotech Research 15, 40-47, 2023 | 2023 | Cited: 1
24. **A Healthy Environmental Evaluation Study of the Antibacterial Activity of Polyethylene Oxide Against Some Bacteria Isolated from Azo Dyes**
Ecological Engineering & Environmental Technology 24, 2023 | 2023 | Cited: 1

25. **Nanoparticles in cosmetics, what we don't know about safety and hidden risk. A mini review**
Global Nest Journal 25 (1), 1-5, 2023 | 2023 | Cited: 12
26. **Antibacterial activity of bacteriocin-isolated from Lactobacillus spp. against some pathogenic bacteria**
J Med Chem Sci 6 (4), 702-9, 2023 | 2023 | Cited: 5
27. **Partial and Temporal Variations in Concentration of Micro Plastic in Drinking Water of Al-Hilla River**
Ecological Engineering & Environmental Technology | 2023
28. **Polyethylene Oxide and their Antibacterial Effects Against some Pathogenic Bacteria**
Ecological Engineering & Environmental Technology 23 (6), 26-31, 2022 | 2022 | Cited: 1
29. **An investigation of vascular endothelial growth factor (VEGFR-1 and VEGFR-2) in burn wound healing**
Archives of Razi Institute 77 (2), 747, 2022 | 2022 | Cited: 19
30. **Biosynthesis, Characterization, Anticancer activity and Drug delivery of Gold Nanoparticles synthesised from local isolate of Proteus mirabilis**
Research Journal of Biotechnology Vol 17, 7, 2022 | 2022 | Cited: 1
31. **Optimization of gold nanoparticles synthesis from local isolate of E. coli and their activity as antibacterial**
AIP Conference Proceedings 2398 (1), 2022 | 2022 | Cited: 3
32. **Isolation of Lactobacillus Spp. from First Trimester Pregnant and Determination their Antimicrobial Activity**
HIV Nursing 22 (2), 466-470, 2022 | 2022
33. **An investigation on the antibacterial, antibiofilm and cytotoxic efficacy of biosynthesis magnesium oxide nanoparticle.**
2022 | Cited: 1
34. **WITHDRAWN: A study of some nutrient supplement impacts on the health of bodybuilding**
Materials Today: Proceedings, 2021 | 2021
35. **Free radical scavenging and antioxidant activity of silver nanoparticles synthesized from Cuminum cyminum (Cumin) seed extract**
Research Journal of Pharmacy and Technology 14 (8), 4349-4354, 2021 | 2021 | Cited: 31
36. **Genetic Comparative Study Of Staphylococcus Aureus Isolated From Infections And Rural Water**
Wounds 20 (57.14), 35, 2021 | 2021
37. **Antibacterial, Antibiofilm and Antioxidant Activity of Gold Nanoparticals Biosynthesis of from Local Proteus mirabilis Isolate**
Elementary Education Online 20 (1), 3336-3336, 2021 | 2021 | Cited: 3
38. **A Mini-Review: Nanoparticles as Vaccine Delivery System**
Journal of Pharmaceutical Research International 33 (47A), 194-201, 2021 | 2021 | Cited: 1
39. **A Mini-review: Silver Nanoparticles (AgNPs) as Antimicrobial in Magical Socks**
Journal of Pharmaceutical Research International 33 (51), 23-32, 2021 | 2021 | Cited: 8
40. **Cigarettes, Are They Harmful or Viricidal (Anti-COVID-19)? Why Some Smokers Are Severely Affected By SARS-Cov-2, Whilst Most Are Not Or Less Affected? A Controversial Minireview**
Annals of the Romanian Society for Cell Biology, 351-360, 2021 | 2021 | Cited: 1
41. **WITHDRAWN: Anti-bacterial activity of gold nanoparticles against two type of antibiotic resistance pathogenic bacteria in Al-Hilla city**
Materials Today: Proceedings, 2021 | 2021 | Cited: 13
42. **Biosynthesis Method and Characterization of MgO Nanoparticles by Using Local Leuconostocspp. Isolate**
Annals of the Romanian Society for Cell Biology 25 (4), 1360-1364, 2021 | 2021
43. **Pathogenic Bacteria in Foods of Animal Origin Source and their Resistance to Many Drugs: Risk Factors and Attempt to Avoid them**
Journal of University of Babylon for Pure and Applied Sciences 28 (2), 48-62, 2020 | 2020

44. **Biosynthesis of gold nanoparticles from local *Proteus mirabilis* P242 strain and some biological application.**
2020 | Cited: 1
45. **Antimicrobial resistance profiles of bacteria isolated from poultry droppings and treated by AgNPs green synthesis from *Thymus kotschyanus*.**
2020 | Cited: 2
46. **The Biological and Medical Applications of Laser Light Abstract**
Journal of University of Babylon for Pure and Applied Sciences 28 (3), 161-165, 2020 | 2020
47. **BIOSYNTHESIS OF GOLD NANOPARTICLES BY USING LOCAL *ESHERICHIA COLI* STRAIN**
Biochem Cell. Arch. 19 (1), 1949-1951, 2019 | 2019 | Cited: 2
48. **Biosynthesis and Characterization of Gold Nanoparticles by Using Local *Serratia* spp. Isolate**
International Journal of Pharmaceutical Quality Assurance 10 (3), 8-11, 2019 | 2019 | Cited: 2
49. **Titanium dioxide nanoparticles as antibacterial agents against some pathogenic bacteria**
Drug Invention Today 12 (5), 963-967, 2019 | 2019 | Cited: 40
50. **Anti-cancer activity of *Opuntia polyacantha* alkaloid extract on human breast cancer cell line**
Journal of Pharmaceutical Sciences and Research 10 (7), 1753-1754, 2018 | 2018 | Cited: 15
51. **The effect of yolk immunoglobulin and heat killed *Salmonella typhi* on rabbits**
Research Journal of Pharmacy and Technology 11 (6), 2503-2506, 2018 | 2018 | Cited: 8
52. **PCR-based investigation of oxygenase among crude oil degrading bacteria in Hilla city, Iraq**
International Journal of Pharm Tech Research 9 (5), 284-291, 2016 | 2016 | Cited: 10
53. **التحري عن قياس تركيز بروتينات الطور الحاد وبعض المعايير المناعية في أنصال الحوامل في أشهر مختلفه من الحمل**
مجلة جامعه بابل للعلوم الصرفة والتطبيقية 24 (الاول), ٧٣-٨٠, 2016 | 2016
54. **Microbial Index and TNF- α , IL-4, CCL17 Level Among Burn Wound Infections in Hilla City, Iraq.**
Biomedical and pharmacology journal 9 (3), 1095-1100, 2016 | 2016 | Cited: 5
55. **The Immune function of Iraqi Women's on Contraceptives in take**
Journal of Pharmaceutical and Biomedical Sciences 5 (5), 415-418, 2015 | 2015
56. **متلازمه اللزائن الباردة في الحمل**
مجلة جامعه بابل للعلوم الصرفة والتطبيقية 20 (الرايع), ١١٨١-١١٨٤, 2013 | 2013
57. **Cicer arietinum و Lens culinaris دراسه بعض خواص اللكتينات المستخلصة من بذور نباتي**
مجلة جامعه بابل للعلوم الصرفة والتطبيقية 20 (الثاني), ٥٦٦-٥٧٥, 2012 | 2012
58. **The role of bird thymus extract on some immunological parameters in rabbits vaccinated with killed *Salmonella typhi***
Journal of Kerbala University 10 (4), 47-52, 2012 | 2012
59. **تقدير تركيز الكلوبولينات المناعية في مرضى التهاب المفاصل ليبي عي الرثوي**
مجلة جامعه بابل للعلوم الصرفة والتطبيقية 20 (٣), ٩٦٧-٩٧٢, 2012 | 2012
60. **An in vivid phytolectin induced skin test and T-cell mitogenicity**
Al-Qadisiya Journal Of Vet.Med.Sci. 8 (1), 2009 | 2009 | Cited: 3
61. **AWARENESS OF ORAL HYGIENE IN ATHLETES AND THEIR NUTRITION. A MINI**
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62. **Rabbit cellular immunity modulation by IgY and heat killed Ags of *Salmonella typhi***
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