



Layth Saleem Salman Al-Shihmani

ليث سليم سلمان الشحمانى

Assistant Professor

PROFILE

****Layth Saleem Salman Al-Shihmani**** is a dedicated academic researcher with an established record of scholarly contributions and recognized research impact. Throughout his career, he has authored 17 publications, demonstrating a strong commitment to advancing knowledge in his field through rigorous inquiry and peer-reviewed literature.

His research contributions are well-documented across major global bibliometric indexes. On Google Scholar, his work has accumulated over 365 citations, achieving an h-index of 5. Furthermore, his research presence in Scopus highlights his international reach, where he has secured 239 citations and an h-index of 4.

As an active scholar, Al-Shihmani continues to engage in high-quality research and academic collaboration. His growing citation record reflects the relevance and influence of his scientific work within the broader research community.

ACADEMIC TITLES

2024-01-15 Assistant Professor

PUBLICATIONS (16)

- A Review of Soil Thermal Conductivity Measurement Techniques, Challenges, and Future Directions**
Archives of Computational Methods in Engineering, 1-25, 2026 | 2026 | Cited: 2
- Assessment of Groundwater Contamination by Heavy Metals (Cu, Pb, Cd, Cr, Co) in the Eastern Region of Wasit Governorate**
Dijlah Journal of Agricultural Sciences 5 (1), 52-63, 2026 | 2026 | Cited: 1
- Monitoring of some physico-chemical parameters of groundwater and variations in static and pumping levels of wells of badra and zurbatiyah districts of Iraq**
Sarhad Journal of Agriculture 42 (1), 226-237, 2026 | 2026
- Groundwater Quality Near Riverbanks and Its Suitability for Agricultural Use in Semi-Arid Regions**
Applied Sciences 15 (22), 12338, 2025 | 2025 | Cited: 4
- A comprehensive review of impacts of soil management practices and climate adaptation strategies on soil thermal conductivity in agricultural soils**
Reviews in Environmental Science and Bio/Technology 24 (2), 513-543, 2025 | 2025 | Cited: 23
- Mineralogical variations of sand sediments in the Tigris and Euphrates Rivers: implications for agricultural sustainability**
Environmental Monitoring and Assessment 197 (8), 940, 2025 | 2025 | Cited: 2
- Physicochemical and mineral properties of suspended sediments of the Tigris and Euphrates rivers in the Mesopotamian Plain**
Science of the Total Environment 915, 170066, 2024 | 2024 | Cited: 14
- Optimizing sustainable agriculture: A comprehensive review of agronomic practices and their impacts on soil attributes**
Journal of Environmental Management 364, 121487, 2024 | 2024 | Cited: 284

CONTACT

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EDUCATION

دكتوراه (01-01-2020)
Soil chemistry and minerals
Baghdad

RESEARCH METRICS

h-index (Scopus)	5
h-index (GS)	5
Citations (Scopus)	280
Citations (GS)	365
Documents (Scopus)	11
Documents (GS)	17



9. **The effect of organic matter, potassium fertilizer levels, and irrigation water salinity on some thermodynamic parameters during the growth stages of yellow corn**
Dijlah Journal of Agricultural Sciences 2 (3), 146-159, 2024 | 2024
10. **Comparison Study Between Inherited and Biogenic Calcium Carbonate Formation on The Surface Roots of Eucalyptus Trees Using X-Ray Technique and Field Observations**
ISRAA Univ. J. Appl. Sci 7, 1-10, 2024 | 2024 | Cited: 5
11. **Estimation of Some Heavy Elements Transported in the Suspended River Load of the Tigris and Euphrates Rivers**
2023
12. **Impact of agronomic practices on physical surface crusts and some soil technical attributes of two winter wheat fields in southern Iraq**
Journal of Soils and Sediments 23 (11), 3917-3936, 2023 | 2023 | Cited: 22
13. **A study of the distribution of the Tigris River sediments and the variation of their chemical, physical and mineral properties and the effect caused by Kut Dam.**
2022 | Cited: 6
14. **SPATIAL VARIATION IN THE CONTENT AND DISTRIBUTION OF IRON OXIDES IN SEDIMENTS OF THE GHARAF RIVER IN IRAQ**
Plant Archives 20 (2), 7732-7738, 2020 | 2020
15. **Spatial Variation of Content and Distribution Feldspar Minerals in AL-Gharraf River**
iraqi journal of soil science 20 (1), 2020 | 2020 | Cited: 2
16. **غسل تربة ملحية (سيخة) باستخدام نوعيات مختلفة من المياه وتأثيرها في بعض الصفات الكيميائية والفيزيائية للتربة**
Euphrates Journal of Agriculture Science مجلة الفرات للعلوم الزراعية ISSN ..., 2014 | 2014