



WASIT University
College of Science

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Academic Qualifications

2023	Ph.D. Department of Physics wasit University, College of Science Doctoral Thesis: " Modification and Characterization of Nanocomposite Ceramics for Damage bones Applications "
2018	Master of Science Department of physics wasit University Master's Thesis: " Study the Effect of Boron Nitride Nanoparticles on Physical Properties of Epoxy "
2016	Bachelor science wasit University Department of physics College of Science

Academic Employment

2018	Worked a lecture in Physics Department /College of science/Wasit University.
2023	Head of the Technological Incubator Unit at the College of Science.
2023 - 2025	Supervisor of the Graduate Studies Laboratory in the Physics Department

Teaching

Undergraduate:

- Lab . Materials Physics / 2nd stage / Physics Dep.
- Lab . solid state physics / 4th stage physics student
- Supervisor of researcher for 4th stage physics student.
- Computer skills / 2nd stage.

Publications

1. Antimicrobial Activity of Zirconium Oxide Nanoparticles Prepared by the Sol-Gel Method ,Thamir, A.A. , Jubier, N.J. Odah, J.F. Journal of Physics: Conference Series, 2021, 2114(1), 012058.
2. SYNTHESIS AND CHARACTERIZATION OF ZrO₂:Al₂O₃ CERAMICS NANOCOMPOSITE Thamir, A.A. ,Jubier, N.J. ,Odah, J.F. ARPN Journal of Engineering and Applied Sciences, 2022, 17(13), pp. 1331–1336
3. TGA, DSC, DTG properties of epoxy polymer nanocomposites by adding Hexagonal Boron Nitride NanoparticlesThamer, A.A.,Yusr, H.A. ,Jubier, N.J. Journal of Engineering and Applied Sciences, 2019, 14(2), pp. 567–574.
4. Abdullah, N. J., & Thamer, A. A. (2025, November). Investigation of radial density distribution function, expectation values and scattering form factor for some ions. In AIP Conference Proceedings (Vol. 3190, No. 1, p. 220003). AIP Publishing LLC.
5. Thamer, A. A., Hassani, R. H., & Manaty, O. A. (2025, November). Synthesis of zinc oxide nanoparticles by eco-friendly method. In AIP Conference Proceedings (Vol. 3190, No. 1, p. 100003). AIP Publishing LLC.
6. Farhan, A. J., Abdali, K., Al-Bermany, E., Kadhim, R. G., Tuama, A. N., & Thamer, A. A. (2025). Appraisal of the impact of wrapping Sm₂O₃–SiO₂ versatile nanoparticles on the structural, morphological, optical, and dielectric properties of PEO| SALG polymeric blend for optoelectronics, UV absorbance, and energy storage attributes. Journal of Inorganic and Organometallic Polymers and Materials, 35(4), 3169-3181.
7. Hassan, H. J., Jaber, A. A., & Thamer, A. A. (2025). Synthesis of ZnO nanorods through hydrothermal techniques: A study of optical properties and gas detection performance.
8. Al-Ogaili, H. A. T., Jubier, N. J., & Thamer, A. A. (2025). Comparative study of Raman modes active, emission bands and thermal features of GS A-Al₂O₃ NP's. DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, 20(1), 365-372.
9. Thamer, A. A., Imran, S. H., & Hassani, R. H. (2025, March). Sol-Gel Process Optimization for CuO Nanoparticle Synthesis Achieving High Purity and Homogeneity. In Journal of Physics: Conference Series (Vol. 2974, No. 1, p. 012019). IOP Publishing.
10. Thamer, A. A., Jubier, N. J., & Odah, J. F. (2024, February). Synthesis and characterization (ZrO₂: MgO) Nanocomposite and assessed biocompatibility in vitro by SBF and MTT assay. In AIP Conference Proceedings (Vol. 2922, No. 1, p. 040009). AIP Publishing LLC.

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Assistant Professor
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