



AHMED ABDULKADHIM THAMER ALYDAWY

احمد عبدالكاظم ثامر خاجي اليوداوي

Lecturer

ACADEMIC TITLES

2025-03-23 Lecturer

TEACHING EXPERIENCE

Teaching
College of Science
2023-09 - Present

COURSES

- Solid state
- Materials Physics

ADMINISTRATIVE POSITIONS

2023-06-01 - 2023-03-20 Technology Incubator Unit
2024-06-01 - Present Website Administrator, Faculty of Science

PUBLICATIONS (16)

1. Appraisal of the Impact of Wrapping Sm2O3–SiO2 Versatile Nanoparticles on the Structural, Morphological, Optical, and Dielectric Properties of PEO/SALG ...
Journal of Inorganic and Organometallic Polymers and Materials 35 (4), 3169-3181, 2025 | 2025 | Cited: 38
2. Sol-Gel Process Optimization for CuO Nanoparticle Synthesis Achieving High Purity and Homogeneity
Journal of Physics: Conference Series 2974 (1), 012019, 2025 | 2025 | Cited: 9
3. Synthesis of ZnO nanorods through hydrothermal techniques: A study of optical properties and gas detection performance
Journal of Nanostructures 15 (3), 820-830, 2025 | 2025 | Cited: 3
4. Synthesis of zinc oxide nanoparticles by eco-friendly method
AIP Conference Proceedings 3190 (1), 100003, 2025 | 2025 | Cited: 1
5. Investigation of radial density distribution function, expectation values and scattering form factor for some ions
AIP Conference Proceedings 3190 (1), 220003, 2025 | 2025
6. 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, 2025 | 2025 | Cited: 2
7. MECHANICAL BEHAVIOR OF EPOXY RESIN REINFORCED WITH VARYING GRAPHITE PARTICLE SIZES
Valeology: International Journal of Medical Anthropology and Bioethics (2995 ...), 2024 | 2024

CONTACT

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EDUCATION

دكتوراه (22-11-2022)
nanomaterial
wasit university

RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	5
Citations (Scopus)	0
Citations (GS)	140
Documents (Scopus)	0
Documents (GS)	15

RESEARCH INTERESTS

- Nanomaterial preparation techniques



8. **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 | 2024
9. **Synthesis and characterization (ZrO2:MgO)Nanocomposite and assessed biocompatibility in vitro by SBF and MTT assay**
AIP Conference Proceedings 2922 (1), 040009, 2024 | 2024 | Cited: 10
10. **The effect of suggested exercises on improving the kinesthetic response of soccer goalkeepers**
2024 | Cited: 2
11. **Synthesis, characterization, mass spectral fragmentation and biological activity of new dithiocarbamate directive and their metal ion complexes**
AIP Conference Proceedings 2922 (1), 210008, 2024 | 2024
12. **Characterization of undoped and doped CdS nano-thin films by ZnO for photocatalytic application.**
Chalcogenide Letters 20 (12), 2023 | 2023 | Cited: 2
13. **SYNTHESIS AND CHARACTERIZATION OF ZrO2: Al2O3 CERAMICS NANOCOMPOSITE**
ARPJ Journal of Engineering and Applied Sciences 17, 1331-6, 2022 | 2022 | Cited: 2
14. **Antimicrobial activity of zirconium oxide nanoparticles prepared by the sol-gel method**
Journal of Physics: Conference Series 2114 (1), 012058, 2021 | 2021 | Cited: 40
15. **TGA, DSC, DTG properties of epoxy polymer nanocomposites by adding hexagonal boron nitride nanoparticles**
J. Eng. Appl. Sci 14 (2), 567-574, 2019 | 2019 | Cited: 28
16. **Enhanced mechanical, electrical properties of the epoxy polymer by adding hexagonal boron nitride nanoparticles**
Indian Journal of Natural Sciences 8 (49), 14320-14329, 2018 | 2018 | Cited: 3