

# Amel Desher Hussein

امل دشر حسين سليمان الكشاوي

## Assistant Professor

## CONTACT

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## RESEARCH METRICS

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|---|---|
| h-index (Scopus) | 4 |
| h-index (GS) | 4 |
| Citations (Scopus) | 178 |
| Citations (GS) | 225 |
| Documents (Scopus) | 5 |
| Documents (GS) | 16 |

## PATENTS

• Fabrication Nanogenerator Produce High Output Voltage of Polymer-Ceramic

## RESEARCH INTERESTS

• Manufacture of generators and nanosensitions from environmentally friendly materials used in the medical, military and laboratory fields.

## ACADEMIC TITLES

2023-07-11 **Assistant Professor**

## TEACHING EXPERIENCE

**Lecturer in College of Dentistry**
Wasit University- College of Dentistry
2001-01 - 2026-06

## ADMINISTRATIVE POSITIONS

2025-10-01 - Present **Decided of oral diagnosis branch**

## PUBLICATIONS (16)

1. **Enhancing packaging performance: A thermal study of structural and dielectric behavior in transparent nylon**
*AIP Conference Proceedings 3486 (1), 180001, 2026 | 2026 | Cited: 1*
2. **Evaluation of Black Powder Formation in Natural Gas Transporting Pipelines Network and Study of Thermal Decomposition Kinetics under Inert Atmosphere**
*Journal of Metastable and Nanocrystalline Materials 40, 37-44, 2024 | 2024 | Cited: 2*
3. **Synthesis of Nanoparticles Powder from Seeds Extract Clove by Ionic Gelation process**
*University of Thi-Qar Journal 19 (1), 2024 | 2024*
4. **SYNTHESIS AND CHARACTERIZATION OF NANO ZNO: CS THIN FILMS USING SOLGEL DIPPING TECHNIQUE FOR PHOTOCATALYTIC APPLICATIONS**
*International Journal of Applied Sciences and Technology 6 (2), 297-307, 2024 | 2024*
5. **Study the Effect of "Di-dodecyl amine" as a Corrosion Inhibitor for Carbon Steel in HCl Medium**
*Journal of Wasit for Science and Medicine 17 (1), 11-19, 2024 | 2024 | Cited: 1*
6. **Investigation of the effect of clove nanoparticles on antibacterial features and shear bond strength of orthodontic adhesive bonded to human premolars teeth**
*Journal of Natural Science, Biology and Medicine 14 (2), 288-298, 2023 | 2023 | Cited: 3*
7. **FABRICATION SENSORS BASED ON NANOCOMPOSITES ZnO/PVDF**
*International Journal of Applied Sciences and Technology 4 (3), 124-128, 2022 | 2022 | Cited: 3*
8. **DATA MODELLING OF LC/MS-BASED METABOLOMIC PROFILING TO COMPARE BETWEEN HUMAN PLASMA AND URINE SAMPLES ASSOCIATED WITH BEETROOT JUICE**
*International Journal of Applied Sciences and Technology 4 (4), 86-102, 2022 | 2022*
9. **GROWTH POWDER AND SEED LAYERS ZNO ON FOIL ALUMINUM USING HYDROTHERMAL METHOD**
*VII. International Scientific Congress of Pure, Applied and Technological ..., 2022 | 2022*
10. **PVDF: ZnO/BaTiO3 as high out-put piezoelectric nanogenerator**
*Polymer Testing 79, 106001, 2019 | 2019 | Cited: 118*
11. **Effect of adding BaTiO3 to PVDF as nano generator**
*Journal of Physics: Conference Series 1294 (2), 022012, 2019 | 2019 | Cited: 50*

12. **Nanogenerator based on nanocomposites PVDF/ZnO with different concentrations**
*Materials Research Express 6 (10), 105549, 2019 | 2019 | Cited: 42*

13. **Fabrication of Stretchable PVDF Piezoelectric NanoGenerator.**
*Journal of College of Education 1 (1), 17, 2019 | 2019 | Cited: 1*

14. **Characterization Of Zno /Cuo Nano Composite Preparation By Thermal Chemical Spray Pyrolysis As Ammonia Gas Sensing**
*First International Scientific Conference Al-Kut University College 1, 7, 2017 | 2017*

15. **Effect of decomposition temperature on crystallite size and strain of CaO**
*Physical Sciences Research International 2 ((4)), pp. 68-76, 2014 | 2014 | Cited: 5*

16. **Output Piezoelectric Layers Nanofibers of Nanocomposites PVDF/Ceramic**
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