

CURRICULUM VITAE

Name: Assitant Prof. Dr. Hamed A. Gatea

Nationality: Iraqi

Date of Birth: 02 March 1966

Place of Birth: Nassiriya, Iraq

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Current Position: Lecturer & Researcher–Medical physics

College of Applied Medical Sciences, Al-Shatrah University (2020 Present)

Career Objective

Dedicated physicist specializing in materials science, dielectric ceramics, thin films, and optical characterization. Experienced researcher with strong publication record, committed to advancing scientific research, academic teaching, and development of functional materials for electronic and optical applications.

Education

Degree	University	Field	Year
PhD in Physics (Materials Science)	University of Baghdad – College of Science	Materials Science / Solid State	2018
MSc in Physics (Materials Science)	India	Materials Science	2012
BSc in Physics	Baseha University	Physics	1990

Professional Experience

Lecturer & Researcher

Al-Shatrah University – College of Applied Medical Sciences (2020–Present)

- Teaching physics and related medical science subjects
- Research in dielectric/ferroelectric materials and thin films
- Supervising undergraduate research projects
- Participation in scientific committees & academic development
- Experience in laboratory work and scientific writing

Research Interests

- Ferroelectric & Dielectric Ceramics
 - Perovskites (BST, PZT, KDP, etc.)
 - Thin Films & Nanomaterials.
 - X-Ray Diffraction (XRD) Analysis
 - Optical & Electrical Properties of Materials
 - Solar energy, humidity sensors, functional materials
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Skills

- XRD analysis & peak indexing
 - Thin film deposition techniques
 - Optical/electrical characterization
 - Data analysis and scientific writing
 - MS Office, research tools
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Publications (34 papers)

I have 34 papers , web of science and Scopus

1. **Hamed A. Gatea.** *The effect of Ba/Sr ratio on the Curie temperature for ferroelectric barium strontium titanate ceramics.* **Journal of Advanced Dielectrics**, Vol. 10, No. 5, 2020.
 2. **Hamed A. Gatea.** *Thermal effectiveness of solar collector using graphene nanostructures suspended in ethylene glycol–water mixtures. (Journal & year not provided).*
 3. **Hamed A. Gatea.** *The role of substrate temperature on the performance of humidity sensors manufactured from cerium oxide thin films. (Journal & year not provided).*
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Languages

- Arabic — Native
 - English — Very Good
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References:

https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=xQAmdc0AAAAJ

<https://www.scopus.com/authid/detail.uri?authorId=57204917698>

<https://www.webofscience.com/wos/op/publications/summary>

<https://orcid.org/my-orcid?orcid=0000-0002-0807-5109>

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