

Academic Curriculum Vitae



Personal Information:

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Academic Title: Lecturer

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Education:

From- To	Degree	College-University	Country
2021 to date	PhD in Nano Chemistry-Analytical Chemistry, Department of Chemistry	College of Science- University of Salahaddin	Iraq
2015-2018	M. Sc. in Analytical Chemistry, Department of Chemistry	College of Science- University of Salahaddin	Iraq
2005-2009	B.Sc. Chemistry, Department of Chemistry,	College of Science- University of Salahaddin	Iraq

Employment:

Assignments and Posts:

From- To	Post	Department -College	University
2021 up to date	Lecturer	Chemistry Department- College of Science	Salahaddin University
2015-2018	Assistant Lecturer	Chemistry Department- College of Science	Salahaddin University
2009-2011	Assistant Chemistry	Chemistry Department- College of Science	Salahaddin University
2015-2017	Member of Examination Committee	Chemistry Department- College of Science	Salahaddin University

Teaching experience:

1- *Teaching Activities*

From- To	Subject	Stage-College	University
2015- up to date	Analytical Chemistry	1 st -grade students / Department of Environment Science and Health- College of Science	Salahaddin University
2021-up to date	Natural products	1 st -grade students / Department of Environment Science and Health- College of Science	Salahaddin University
2021- up to date	General Chemistry	1 st -grade students /Pharmacy Department-Faculty of pharmacy	Tishk International University
2021- up to date	Analytical Chemistry	1 st -grade students /Pharmacy Department-Faculty of pharmacy	Tishk International University
2021-2022	Food Chemistry	4 th -grade students / Chemistry Department-College of Science	Salahaddin University
2015- 2018	Analytical Chemistry	2 nd -grade students / Chemistry Department-College of Science	Salahaddin University

Research and publications

[Published articles, papers and researches:](#)

1. Sensitive colorimetric aptasensor based on g-C₃N₄@Cu₂O composites for detection of Salmonella typhimurium in food and water.
(<https://link.springer.com/article/10.1007/s00604-021-04745-w>)
2. Fluorescence immunoassay based on nitrogen doped carbon dots for the detection of human nuclear matrix protein NMP22 as biomarker for early stage diagnosis of bladder cancer.
(<https://www.sciencedirect.com/science/article/abs/pii/S0026265X20310249>)

3. A newly synthesized boronic acid-functionalized sulfur-doped carbon dot chemosensor as a molecular probe for glucose sensing.
(<https://www.sciencedirect.com/science/article/abs/pii/S0026265X21000023>)
4. A highly sensitive fluorescent immunosensor for sensitive detection of nuclear matrix protein 22 as biomarker for early stage diagnosis of bladder cancer†
(<https://pubs.rsc.org/en/content/articlehtml/2020/ra/d0ra06191c>)
5. A carbon-based fluorescent probe (N-CDs) encapsulated in a zeolite matrix (NaFZ) for ultrasensitive detection of Hg (II) in fish.
<https://www.sciencedirect.com/science/article/abs/pii/S0039914021005671>
6. Assessment of the health risk posed by toxic metals in commonly consumed legume brands in Erbil, Iraq.
<https://www.sciencedirect.com/science/article/abs/pii/S0889157523001564>
7. Fluorescence turns on-off-on sensing of ferric ion and L-ascorbic acid by carbon quantum dots.
<https://www.hindawi.com/journals/jfq/2023/5555608/>
8. The Advances in Chitosan-based Drug Delivery Systems for Colorectal Cancer: A Narrative Review.
<https://www.eurekaselect.com/article/129261>
9. Long term stability Nafion coated of 3D(micro-/nano)V2O5/M-PSi for pH EG-FET sensors
<https://link.springer.com/article/10.1007/s10853-022-08005-x>
10. pH-EGFET sensor based on the surface modification of MacroPSi with Au-NPs

<https://link.springer.com/article/10.1007/s12633-022-02238-w>

11. Green Synthesis and Antibacterial Effects of Silver Nanoparticles on Novel Activated Carbon

https://www.ijcce.ac.ir/article_704344.html

12. Pharmacological Insight into Possible Treatment Agents for the Lethal Covid-19 Pandemic in Kurdistan Region- Iraq.

<https://www.sysrevpharm.org/abstract/pharmacological-insight-into-possible-treatment-agents-for-the-lethal-covid19-pandemic-in-kurdistan-region-iraq-67566.html>

13. BATCH AND FLOW INJECTION SPECTROPHOTOMETRIC DETERMINATION OF NITRITE AND NITRATE IN WASTEWATER SAMPLES OF ERBIL CITY.

https://zenodo.org/record/995999#.ZFLE_HZBxdg

14. The potential of JAK/STAT pathway inhibition as a New Treatment Strategy to Control Cytokine Release Syndrome in COVID-19.

<https://chemrxiv.org/engage/chemrxiv/article-details/60c74fdbb891b12a39e36>

Conferences and courses attended

1. World forum for women in science without borders (**8th-10th of March 2021**) University of Duhok.
2. ICOWOBAS (**2017**) -Salahaddin University-Erbil, Iraq.

Professional memberships

- From 2009 up to date a member of the Kurdistan chemistry syndicate

Professional Social Network Accounts:

ORCID ID: <https://orcid.org/0000-0002-3011-926X>

Academic Profile: <https://academics.su.edu.krd/hazha.othman>

LinkedIn: <https://www.linkedin.com/in/hazha-o-othman-97b1828a/>

Scholar Account: <https://scholar.google.com/citations?user=GnQUFjIAAAAJ&hl=en>

Research gate: <https://www.researchgate.net/profile/Hazha-Othman>