Mamoon Alokour

Assistant professor in Chemistry-polymer chemistry

Date of Birth
27-05-1987

Nationality
Jordanian

Marital status
Married

Contact

Jordan, Irbid

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Research Interest

Polymer Chemistry

Organic Chemistry

Physical Chemistry

Copolymer Compositions

Languages

English (IELTS 6 (B2))

Arabic (Mother Tongue)

Education

Eastern Mediterranean University (EMU), Northern Cyprus- Turkey.

PhD degree, Chemistry
(2014 - 2019)
CGPA: Excellent

Jordan University of Science and Technology, Jordan.

Master's degree, Chemistry
(2010 - 2013)
CGPA: V. good

Yarmouk University, Jordan

Bachelor's degree, Chemistry
(2005 - 2009)
CGPA: good

Experience

❖ **Jadara University**
Mar 2024 – Present

- **Assistant professor in chemistry**

❖ **Jordan University of Science and Technology**
Oct 2023 – Mar 2024

- **Part time Lecturer**

❖ **Al-Balqa` Applied University**
Oct 2019 – Mar 2024

- **Part time Lecturer**

❖ **Eastern Mediterranean University (EMU)**
Sep 2015 – Sep 2019

- **Research Assistant**

❖ **Northern Border University (Saudi Arabia - Arar)**
Jan 2014 - Oct 2014

- **Lecturer**

❖ **Jordan University of Science and Technology**
Sep 2010 - Sep 2013

- **Teaching Assistant**

Courses taught

General Chemistry, Organic Chemistry, Analytical Chemistry, Biochemistry, and pharmaceutical organic chemistry.

References

Prof. Dr. Elvan Yilmaz
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Publications

Alokour, M., Yilmaz, E. Advanced Chitosan-based Hydrogels for Heavy Metal and Dye Sequestration: A Critical Review of Synthesis, Mechanisms, and Future Prospects. Water Air Soil Pollut 237, 467 (2026). https://doi.org/10.1007/s11270-026-09148-2

Alidmat,M. M. , Alshhab,A. and **Alokour,M**. (2026). Chalcones: Multifunctional Scaffolds Bridging Synthesis, Structure–Activity Relationships, and Therapeutic Applications: A Review. Journal of Chemical Reviews, 8(2), 296-321. doi: 10.48309/jcr.2026.547064.1503

Alidmat,M. M. , Dababneh,M. Fuad, Alshhab,A. , **Alokour,M**. , Al Saoud,H. A. , Waleed,R. and Younis,R. (2026). Synthesis, Characterization, Antioxidant, and Antimicrobial Evaluation of Novel (E)-4-(Substituted Benzylideneamino)phenol Derivatives Featuring Heteroaryl and Aryloxy Substituents. Chemical Methodologies, 10(2), 164-179. doi: 10.48309/chemm.2026.551489.2018

Alidmat,M. M. , Alshhab,A. , **Alokour,M**. , Younes,R. , Waleed,R. , Shdiefat,T. S. and Jaradat,H. M. (2026). Synthesis, Structural Elucidation, and Antioxidant Evaluation of $ZnCl_2$ and $HgCl_2$ Complexes with Substituted (E)-4(Benzylideneamino)Phenols. Journal of Applied Organometallic Chemistry, 6(1), 32-42. doi:10.48309/jaoc.2026.547898.1337

Alokour M, Yilmaz E, Şanlıtürk G, Güran M (2022) Synthesis, monomer reactivity ratios and antibacterial activity of 2-hydroxy ethyl methacrylate and 2-(Diethylamino) ethyl methacrylate copolymers. J Polym Res 29:63. https://doi.org/10.1007/s10965-022-02923-9

Alokour M, Yilmaz E (2021) A polymer hybrid film based on poly (vinyl cinnamate) and poly (2 ‐ hydroxy ethyl methacrylate) for controlled flurbiprofen release. J Polym Res 1–17. https://doi.org/10.1007/s10965-021-02493-2

Alokour M, Yilmaz E (2019) Photoinitiated synthesis of poly(poly(ethylene glycol) methacrylate - *co* - diethyl amino ethyl methacrylate) superabsorbent hydrogels for dye adsorption. J Appl Polym Sci 136:47707. https://doi.org/10.1002/app.47707

Project

Synthesis and Characterization of Poly(Vinyl cinnamate)-graft-Poly(2-hydroxyethyl methacrylate) Graft Copolymers (EMU, 2018-2019)

Conference

Second international biomedical engineering congress, 2018 (IBMEC'18), Near East University, Nicosia