

CURRICULUM VITAE

PERSONAL DATA

Name	Prof. Mansour H. Almatarneh
Nationality	Canadian
Position	Consultant
E-Mail	mhalmatarneh@imamu.edu.sa
Phone	86529

EDUCATION

Year	Academic Degree	Institution
2007	Ph.D.	Memorial University
2000	M.Sc.	Mutah University
1994	B.Sc.	Mutah University

WORK EXPERIENCE

Period	Position	Address
2024 - Present	Professor/Consultant	Imam Mohammad Bin Saud Islamic University
2017 - Present	Adjunct Professor	Memorial University
2014 - 2023	Professor	University of Jordan
2018-2018	Visiting Professor	McGill University

RESEARCH INTERESTS

- Computational study of the reaction mechanisms and factors that influence selectivity in chemical reactions.
- Studying different mutagens, the substances that cause DNA mutations.
- DNA repair mechanisms by ab initio and MD calculations.
- Molecular dynamics (MD) simulations.
- Environmental Chemistry.
- Renewable Energy.
- Education Research.

PUBLICATIONS

1. *International Journal of Quantum Chemistry*. 124(1), e27274. (Wiley) [Q2]
2. *Arabian Journal of Chemistry*. 2022, 15(8), 103956. (ELSEVIER Journal) [Q1]
3. *Journal of Chemistry*. 2022, Volume 2022, Article ID 2673396,1-11. (Hindawi) [Q2]
4. *Chemosphere*. 2022, 286(2), 131685, 1-15. (ELSEVIER) [Q1]
5. *ACS OMEGA*, 6(20), 13365-13374, 2021. (ACS) [Q1]
6. *Scientific Reports* 2020, 10, 15025. (Nature) [Q1]
7. *Scientific Reports*, 10(1), 11698(1-12). (Nature) [Q1]
8. *Journal of Chemistry*, 2020. (Hindawi) [Q2]
9. *Computational and Theoretical Chemistry*. 2020, 1175, 112732. (ELSEVIER) [Q2]
10. *Atmosphere*. 2020, 11(1), 100. (MDPI) [Q2]
11. *ACS OMEGA*, 2019, 4(2), 3306–3313. (ACS) [Q1]
12. *International Journal of Quantum Chemistry*, 2019.e25888. (Wiley) [Q1]
13. *Journal of Physical Chemistry B*, 2014, 118(9), 2316–2330. (ACS Journal) [Q1]
14. *Journal of Chemical Information and Modeling*, 2008, 48(4), 821-843. (ACS Journal) [Q1]
15. *Journal of Physical Chemistry A*, 2006, 110(26), 8227-8244. (ACS Journal) [Q1]