

Personal Information

Name: Fatima

Family name: ALLOUCHE

Place of Birth: Khenchela

Professor Senior Lecturer A

Specialization: Chemistry.

Magister's Degree: 2008, Ph.D 2019, Habilitation :2025

Professorship: Doctor in Chemistry

Professional Information

- **Lecturer-Researcher** **2009 until now**
 - [Abbes Laghrour University - Khenchela](#)
- **Head of Specialty - Licence Chemistry. 2015**
 - [Department of Matter Sciences](#)
 - [Abbes Laghrour University - Khenchela](#)
- **Head of Specialty - Master Analytical Chemistry 2018**
 - [Department of Matter Sciences](#)
 - [Abbes Laghrour University - Khenchela](#)
- **Assistant to the head of the Industrial Engineering Department 2023**
 - [Industrial Engineering Department](#)
 - [Abbes Laghrour University – Khenchela](#)
- **Assistant to the head of the process engineering Department 2024**
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Published Academic Articles in the Last Year

- [1] **Allouche, F.**, Benyza, N., Lanez, E., Chouaih, A. i Lanez, T. (2025). Electrochemical and UV-visible spectroscopic investigation of anthranilic acid interaction with DNA. *Journal of Electrochemical Science and Engineering*, 15 (4). <https://doi.org/10.5599/jesc.2738>
- [2] **Fatima Allouche**, Wafa Selmi, Mohamed Faouzi ZID, Tahar Benlecheb " Theoretical and experimental study of new hybrid compound rich in hydrogen bonding: 2-carboxyanilinium hypophosphite", *Journal of Molecular Structure* 1179,756-763, (2019), <https://doi.org/10.1016/j.molstruc.2018.11.069>.
- [3] Benyza, N., **Allouche, F.**, Dammak, S.W. *et al.* Chemical Reactivity, Topological Analysis, and Second-Order Nonlinear Optical Responses of $M_3O@Al_{12}N_{12}$: A Quantum Chemical Study. *Russ. J. Phys. Chem.* **96**, 2909–2920 (2022). <https://doi.org/10.1134/S0036024422130118>
- [4] Nourredine Benali-Cherif, **Fatima Allouche**, Amani Direm and Kawther Soudani. " Hydrogen bonding in 2-carboxyanilinium dihydrogenphosphite at 100K ". *Acta Cryst. E* **65**, o664–o665 (2009), <https://doi.org/10.1107/S1600536809007077>.
- [5] Nourredine Benali-Cherif, **Fatima Allouche**, Amani Direm, Lila Boukli-H-Bennenni and Kawther Soudani. " Hydrogen bonding in 2-carboxyanilinium dihydrogenphosphate ". *Acta Cryst. E* **63**, o2643–o2645 (2007), <https://doi.org/10.1107/S1600536807016303>
- [6] Nourredine Benali-Cherif, Amani Direm, **Fatima Allouche** and Kawther Soudani. " Hydrogen bonding in 4-carboxyanilinium dihydrogenphosphate ". *Acta Cryst. E* **63**, o2272–o2274 (2007), <https://doi.org/10.1107/S1600536807014948>.
- [7] Nourredine Benali-Cherif, Amani Direm, **Fatima Allouche**, Lila Boukli-H-Bennenni and Kawther Soudani. " 4-carboxyanilinium hydrogensulfate ". *Acta Cryst. E* **63**, o2054–o2056 (2007), <https://doi.org/10.1107/S160053680701272X>.



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