



Pr. Abdesselam MAKHLOUFI

Diplomas

- **2004:** State engineer, Option: Polymer engineering, Ferhat Abbas University, Sétif.
- **2007:** Magister, Subject: Organic Synthesis, Ferhat Abbas University, Sétif.
- **2013:** Ph.D., Subject: Organic Synthesis pharmaceutic and theoretical chemistry. University Sétif-1-. **2018:** Habilitation. Pharmaceutic and theoretical chemistry. University Sétif-1-.
- **2023:** Full Professor

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Professional Experience

- 2007-2012: University of Ferhat Abbas University, Sétif, Algeria.
- 2012- Present: MAA-MCB, MCA, Pr University of Abbas Leghrour, Khenchla, Algeria.
- 2017-2020: Responsible for the process engineering degree course.
- 2016-2019: Member of the scientific committee of the industrial engineering department.



Languages

French 

English 

Publications -

- Abdesselam Makhloufi, Rima Ghemit, Meriem El Kolli, Milad Baitiche, Computational investigation into Nirematrelvir/Ritonavir synergetic efficiency compared with some approved antiviral drugs targeting main protease (Mpro) SARS-CoV-2 Omicron variant, **Journal of the Indian Chemical Society** 100 (2023) 100891.
- Abdesselam. Makhloufi, Rima Ghemit , Meriem el Kolli, Spike Protein Potential Receptors Study: Comparative Computational Analysis Approach on SARS-CoV-2 -AC2/CD147 Complexes, **Biointerface Research in Applied Chemistry**, Volume 13, Issue 4, 2023, 351.
- Rima Ghemit, Abdesselam Makhloufi, Nessima Djebri, Abdenacer Flilissa, Larbi Zerroual, Mokhtar Boutahala , Adsorptive removal of diclofenac and ibuprofen from aqueous solution by organobentonites: Study in single and binary systems **Groundwater for Sustainable Development, Elsevier.** 8 (2019) 520–529.
- A. Makhloufi , M. Baitiche , M. Merbah & D. Benachour, Theoretical and conceptual density functional theory (DFT) study on selectivity of 4-hydroxyquinazoline electrophilic aromatic nitration, **Journal of Molecular Structure, Elsevier.** 1152, 15, 248-256. 2018.
- A. Makhloufi, a, M. Baitiche , M. Merbah, Theoretical and experimental investigation on 2-hydroxyquinoxaline structure: study of tautomerization equilibrium system and analysis of electronic proprieties. **Journal of Structural Chemistry, Springer.** 03/2018.
- A. Makhloufi, ^a, M. Baitiche^{a*}, M. Merbah^a & D. Benachour^a Synthesis of New Quinoxaline Derivatives, *Synthetic Communications*, **Springer.** 3532-3540, 2011.
- Rima Ghemit, Milad Baitiche and Abdesselam Makhloufi. Synthesis of new polymer for controlled drug release system. *Journal of Materials, Processes and Environment*, Vol.2. N 2. 2014.