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Educational Profile:

- Doctorat Science in Materials Sciences, Constantine 1, Algeria
- Master in Materials Sciences, Constantine 1, Algeria
- DES and DEA in Materials Sciences, Constantine 1, Algeria

List of Current Research Projects

- Carbon based nanomaterials for energy storage

List of Journal Publications

1. Chetibi L, Hamana D, Achour S, Metal assisted chemical etching of silicon and solution synthesis of $\text{Cu}_2\text{O}/\text{Si}$ radial nanowire array heterojunctions, 2023, Semiconductors (accepted for publication).
2. Chetibi L, Ouazouaz R, Hamana D and Achour S, Green synthesis of super paramagnetic Fe_3O_4 nanoparticles for photo electrochemical applications, Materials sciences and engineering technology (accepted for publication).
3. Zine A, Hamana D, Kebaili N, Chetibi L, Achour S, 2023, Polymorphs Fe hydroxides nanostructures growth via green route: Effect of olive leaves extract surfactant, Journal de la croissance des cristaux. <https://doi.org/10.1016/j.jcrysgro.2022.126938>.
4. Chetibi L, Hamana D, Silvan MM, Achour S, 2022, Electrochemical synthesis and characterization of graphite nanoparticles, Applied Physics A Applied Physics A. <https://doi.org/10.1007/s00339-022-05731-6>.
5. Chetibi L, Bounab MO, Benmkideche A, Hamana D, Achour S, 2022, Realization and characterization of flexible supercapacitors based on doped graphene electrodes, Solid State of electrochemistry. <https://doi.org/10.1007/s10008-022-05241-8>.
6. Boudouh D, Hamana D, Simon H, Metselaar C, Achour S, Chetibi L, Akhiani R, 2021, Low temperature green route synthesis of $\text{Fe}_3\text{O}_4\text{-C}$ nanocomposite using Olive Leaves Extract, Materials Sciences and Engineering B, V: 271, Pages .
7. Amiour L, Hamana D, Chetibi L, 2021, Characterization of the microstructural evolution of Au-35%wt. Ag-15%wt. Cu alloy during aging, Jour. Ther. Analys. Calor, Vol 146, Pages 2343–2351.
8. Boucheur S, Bellel N, Chetibi L, 2021, Elaboration and Characterization of Carbon Dots for Hydrogen Storage, Vol: 139, Pages .
9. Kendouli S, Achour S, Sobti N, Chetibi L and Hamana D, 2020, Efficient and Durable Semigraphitized Carbon Catalyst for Hydrogen Evolution in Alkaline Electrolyte, Materials Science Engineering and Performance, Vol: 29, Pages 1974-1983.

10. Kendouli S, Achour S, Sobti N, Chetibi L and Hamana D, 2020, Efficient and Durable Semigraphitized Carbon Catalyst for Hydrogen Evolution in Alkaline Electrolyte, *Materials Science Engineering and Performance*, Vol: 29, Pages 1974-1983.
11. Hamana D, Lamiri I, Chetibi L, and Achour S, 2019, Low temperature formation and characterization of Cu₂O nanoparticles in the binary 18 carat gold alloys, *Surface and Interface Analysis*, Vol: 52, Pages .
12. Atmane I, Sobti N, Chetibi L, Dimitrova A, Zerkout S, Achour S, 2018, Defective Graphite and Its Decoration with Copper Oxide Nanoparticles Synthesized with Olive Leaf Extract for Electrochemical Water Splitting, *Journal of Inorganic and Organometallic Polymers and Materials*. <https://doi.org/10.1007/s10904-018-0973-x>.
13. Serrapede M, Rafique A, Fontana M, Zine A, Rivolo P, Bianco S, Chetibi L, Tresso E, Lamberti A, 2018, Fiber-shaped asymmetric supercapacitor exploiting rGO/Fe₂O₃ aerogel and electrodeposited MnOx nanosheets on carbon fibers, *Journal of Fiber-shaped asymmetric supercapacitor exploiting rGO/Fe₂O₃ aerogel and electrodeposited MnOx nanosheets on carbon fibers*, Vol: 144, Pages 91- 100.
14. Chetibi L, Busko T, Kulish NP, Hamana D, Chaieb S, Achour S, 2017, Photoluminescence properties of TiO₂ nanofibers, *J Nanopart Res*, Vol: 19, Pages 120-129.
15. CHETIBI L, HAMANA D, ACHOUR S, 2014, Growth and characterization of hydroxyapatite nanorice on TiO₂ nanofibers, *J. Materials chemistry and physics*, Pages 301-309.
16. CHETIBI L, ACHOUR A, PESZKE J, HAMANA D, ACHOUR S, 2014, Hydroxyapatite growth on multiwall carbon nanotubes grown on titanium fibers from a titanium sheet, *J. Materials science*, Vol: 49, Pages 621-632.
17. Hamana D, Chetibi L, Amiour L and Hanini F, 2011, New ordering reaction in Cu-50 wt. % Au alloy. *J. Materials Transactions*, Vol: 52, Pages 1132-1137.
18. Hamana D, Amiour L, Chetibi L, 2009, The apparition of a new reaction at lower temperature in equiatomic CuAu alloy. *J. phase transition*, Vol: 82, Pages 755-766.

List of Conference Papers

1. Zine A, Hamana D, Chetibi L, Rafique A, Fontana M, Achour S, Lamberti A and Kebaili N, 2019, Enhancement of specific capacitance using hematite nanoparticles produced by green synthesis, *Journal of New Technology and Materials (JNTM)*, ISSN : 2170-161X (2019).

List of Current Doctoral Research Students Supervision

1. Sofiene BOUDJEMA
2. Abdelmalik ZEMIECHE