



NANO, MICRO MATERIALS AND SENSORS APPLICATIONS GROUP

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Group Members

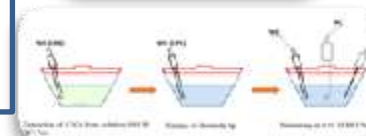
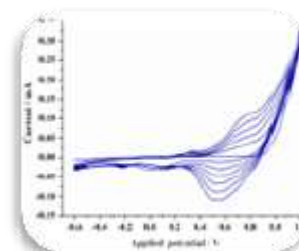
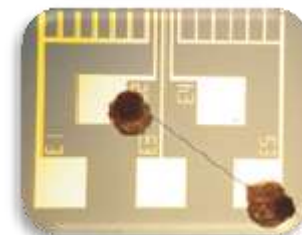
Prof. Dr. Kledi Xhaxhiu; Dr. Rihana Terziu; Msc. Erinda Prifti; Bcs. Migena Lushi

Google Scholar

<https://scholar.google.com/citations?user=J4fDUaIAAAAJ&hl=en>

Research Gate

https://www.researchgate.net/profile/Kledi_Xhaxhiu



Research lines

- Syntheses and characterization of solid state nano/micro sensors for various applications (gas, light), thermoelectrics, photovoltaics, composite materials and conductive polymers for optoelectronics.
- Unmodified and modified carbon paste electrodes for electroactive bio-organics.
- C-dots and magnetic particle syntheses and characterizations for various biological applications.
- Natural, synthetic and chemically modified layered materials (clays, birnessites, busenites, todorokites) for environmental applications.
- Sub- and supercritical fluids of plants and fruits, characterization of the extract properties.
- Consolidation/strengthening of solid building materials with inorganic/organic coatings.