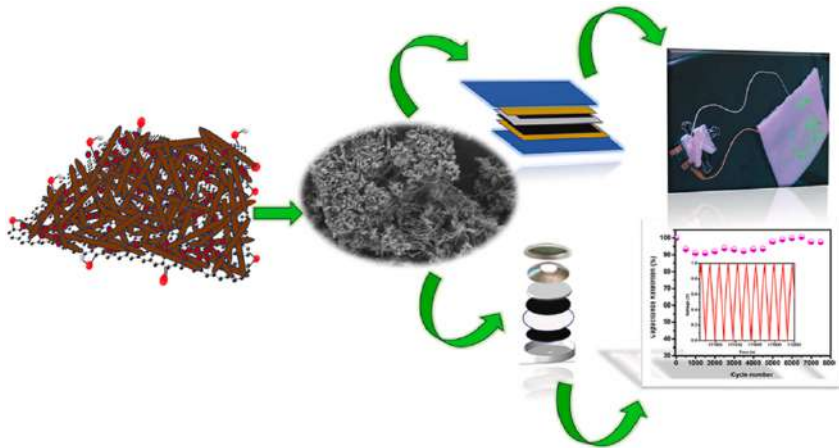
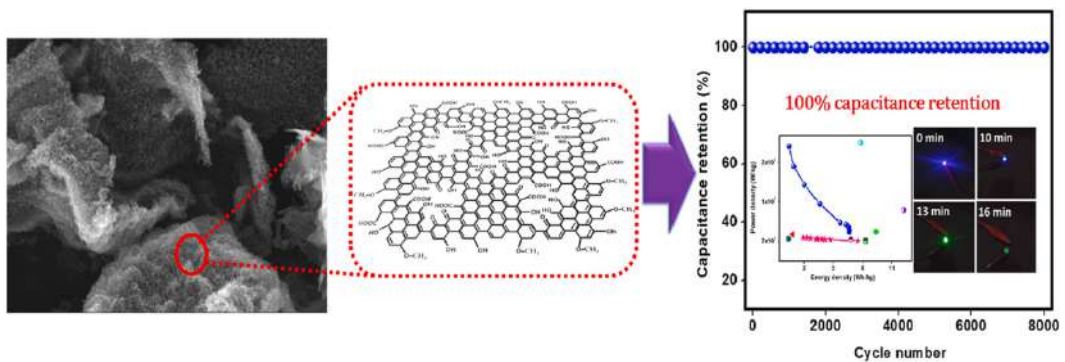


Graphene-assisted nanopatterning of Fe₃O₄ nanotubes decorated with Fe₂O₃ for supercapacitor applications



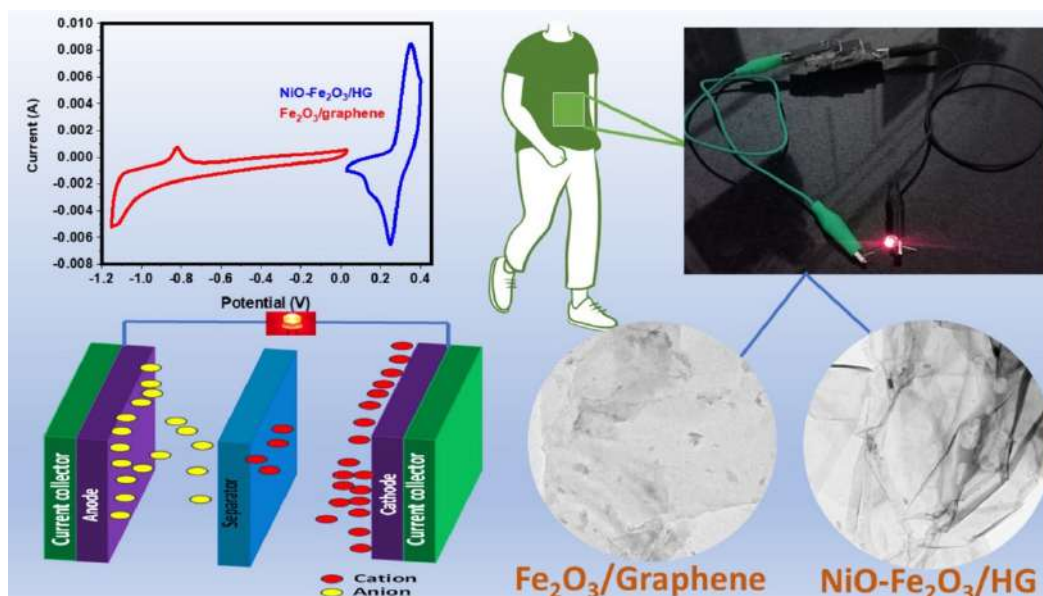
Sumisha Surendran, Abhishek Shyam, Binitha N. Narayanan, *J. Power Sources*, Nov. 2025, <https://doi.org/10.1016/j.jpowsour.2025.238204>.

Three-dimensional array of holey graphene as a high-performance anode material for supercapacitors



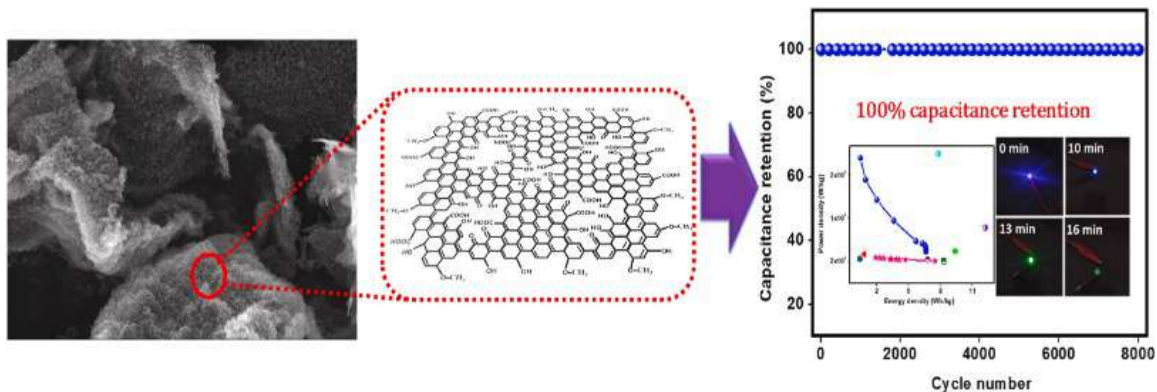
Suvarna. K. Subrahmanian and Binitha N. Narayanan, *J. Power Sources*, Feb. 2025, <https://doi.org/10.1016/j.jpowsour.2024.235952>.

Fabric-supported all-solid-state asymmetric supercapacitor of NiO decorated holey graphene electrode derived from iron (III) oxide-based graphite intercalation compound



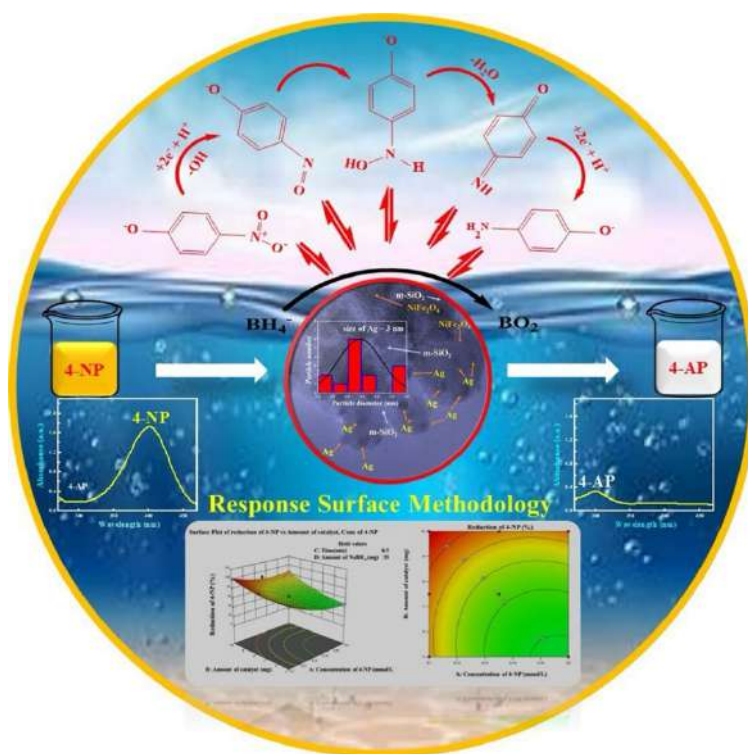
Vijayasree Haridas, Haritha Valiyaveetil Padi, Sithara, Ravikumar Trivedi, Saju Joseph, Binitha N Narayanan, Honey Jhon, J. Energy Storage, Sep. 2025, <https://doi.org/10.1016/j.est.2025.117287>.

One-pot strategy for porous carbon-graphene electrodes embedded with sodium oxides for supercapacitors with in-situ generated electrolyte ions



Sumisha Surendran and Binitha N. Narayanan J. Alloys Compd., Nov. 2024, <https://doi.org/10.1016/j.jallcom.2024.177750>.

Ag-NiFe₂O₄ over Mesoporous Silica for Efficient 4-Nitrophenol Reduction: Nanocatalyst Development, Kinetics Studies and Reaction Optimization



Nail Saleh Al-Sailah, Binitha N Narayanan, Mater. Res. Bull., Mar. 2025, <https://doi.org/10.1016/j.materresbull.2025.113455>.