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EXPERTISE

Carbon based nanomaterial, PEM Fuelcell, Nanocomposites

CURRENT RESEARCH INTERESTS:

- **Synthesis of Carbon Nanostructures**
 - GNFs, CNTs via ACCVD
 - CNTs from waste latex
 - CNTs via simple microwave assisted technique
 - Nano Fe₃C encased in graphite layer
- **Polymer nanocomposites with nanocarbon enhancement**
 - PET/MWCNTS/GNPs nanocomposites
 - EMI shielding application
- **Electrocatalyst layer for PEM Fuel Cells**
 - low loading Pt electrocatalyst
 - Non-Pt electrocatalyst
- **Transparent Hydrophobic Coating**
- **Zinc silicate glass-ceramic composite**
 - MWCNTs incorporation

LINK TO POSTGRADUATE FIELD OF STUDY:

ADDITIONAL INFORMATION:

