Advanced materials development and characterization

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My overarching interest is in materials physics, i.e., advanced materials development, recycling, energy efficiency, and sustainability. My areas of experience are materials development and synthesis, which includes characterization, analysis, electronics, and the use of state-of-the-art instruments. I work independently but I am a good match for a team. I have conducted research on thermoelectric materials that convert heat into electricity and research on low CO_2 footprint (geopolymer) cement. I have worked in the industry as a process engineer in Iran. I have a Ph.D. in physics, an M.S. in chemical engineering, and one in nuclear environmental protection. I have 2 patents on cyclone efficiency. I am an experienced speaker and presenter. I have published my research in peer-reviewed journals and at national/international conferences. I wrote a chapter in a book on Thermoelectricity. I participate actively in the scientific community, e.g., as lead symposium organizer (thermoelectricity) at MRS's Fall-meeting 2022. I am available immediately.