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RESEARCH AREA AND EXPERTISE

- Organic-Inorganic lead and lead free Perovskite Solar Cell
- ALD, Plasma-CVD, CVD and Electrodeposition Techniques Photoelectrochemical Water Splitting for Solar Hydrogen Production
- Memory Devices (ReRAM) EXPERTISE • Organic-inorganic hybrid perovskite solar cells (solid and flexible substrates) fabrication (Materials synthesis, chemical modification of oxide surfaces, interface engineering and device upscaling).