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Her research activity deals with the development of miniaturised electrochemical devices mainly using screen-printed electrodes modified with nanomaterials and paper-based analytical tools applied in environmental, biomedical, agrifood, and defense sectors, with over 200 articles published in peer-review journals, H index 66 (Scopus source), > 10 patents, coordinators of several national/international projects including Horizon Europe Pathfinder project Phoenix-OoC (March 2024- February 2027). Her name is listed among the top 2% of most cited researchers in the world.