

DR. CONCHI ANIA BIOGRAPHICAL SKETCH

Conchi ANIA (conchi.ania@cnr-orleans.fr; conchi.ania@incar.csic.es). She received her PhD degree in Chemistry by the University of Oviedo (Spain) in 2003, and performed postdoctoral stays in USA (City College of New York), and France (CNRS). In 2007 she incorporated to Instituto Nacional del Carbón (Oviedo, Spain) belonging to Agencia Estatal CSIC where she is Investigador Científico (currently in leave of absence). In 2017 she also joined CNRS (France) as Directrice de Recherche at CEMHTI (Orléans), where she is the head of POR2E research group.

She has a long-standing interest and a widely recognized experience on research activities related to developing nanoporous materials with tailored surface chemistry and architectures as structural and functional solids for high-tech applications, covering energy storage and conversion and environmental protection. Current research interests focus on the use of nanoporous solids for water treatment (photocatalytic, electroassisted processes), gas adsorption and separation, and solar energy conversion. In 2008, she received the national L'Oreal-Unesco 2008 Research Fellowship "For women in Science", and the Excellence Research Award by University of Granada (Spain). In 2016 she was appointed with an ERC-Consolidator Grant by the European Research Council, funded with 2M€ to develop research activities towards "Integrating photochemistry in nanoconfined carbon-based porous materials in technological processes".

As for scientific contributions, she has supervised 8 PhD theses and published over 140 papers in peer-reviewed scientific journals with an H-index of 36. She is also coinventor of two patents, one of them transferred to industry on the preparation of porous materials for gas separation.

