

CV Profile

1 *Name: Margarita Jiménez Tototzintle*

Research interests

- Developed new catalysts and new materials for environmental and industrial applications.
- Production and assurance processes of the chemical, food and pharmaceutical industries quality through physical-chemical.
- Developed of new process to remove important pollutants in water and wastewater as: microplastics, persistent organic and inorganic compounds.
- Investigation of the inactivation bacteria strains isolated directly from the environment.
- Application of Advance Oxidation Process to obtain products with high interest in the market.

Education

PhD: (01/09/2011- 28/07/2015)

Master's Degree: (01/09/2008- 02/09/2010)

Undergraduate Degree: (01/09/2002- 20/12/2006)

Experience

Please list in reverse order. Indicate the number of months.

Universitat Rovira I Virgili (URV) contact as researcher to develop the project "Research into profitable technologies based on separation processes, biological and high consumption" in the framework Operatiu FEDER de Catalunya 2014-2020. (24 months).

Assistant Professor in the "Facultad de Ciencias Químicas, Universidad Autónoma de Nuevo León", Mexico (8 months).

Postdoctoral Junior Researcher, Program CSF - Programa Ciência sem Fronteiras (CONCF), Universidade Federal do Estado do Rio de Janeiro/UNIRIO-RJ, Brazil. (12 months). In this period the project "Environmental remediation persistent pollutants and emerging pollutants by Advanced Oxidation Processes enabled by sunlight using CPC reactors" was developed.

SFERA program scholarship for conducting research at the Solar Platform of Almería, Spain (3 months) in the framework of the Postdoctoral junior researcher CONCF/UNIRIO-RJ, Brazil.

Ph.D. in Universidad de Almería, Spain (36 months). In this period, the thesis with the title "Development of new treatment schemes based on solar photocatalysis for wastewater reclamation" was performed.

3 months stay and work in Solar Platform from Almería, Spain. A study was conducted for the residues elimination (pesticides) in aqueous effluent.

Water Quality Laboratory, Monterrey, Mexico. Microbiology area. (6 months)

Contact information

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