



Biographical Sketch: June, 2024

PERSONAL INFORMATION

Name: Ana Karina Cuentas-Gallegos

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CURRENT PROFESSIONAL STATUS

Work place: Centro de Nanociencias y Nanotecnología-UNAM

E-mail:- akcg@ens.cnyn.unam.mx

Position: Researcher

EDUCATION

- 1993 – 1996** **Bachelor's Degree in Chemical Science.** “Instituto Tecnológico de Estudios Superiores de Monterrey (ITESM) Monterrey Campus. Research project: “Separation of heavy metals dissolved in water, by an Inorganic Hybrid. Comparative study between a static and dynamic method.
- 1999 – 2003.** **PhD in Chemistry within the program of Material Science by the UAB (Universidad Autónoma de Barcelona)** “Instituto de Ciencia de Materiales de Barcelona” (ICMAB) UAB Campus. Thesis: “Organic-Inorganic Hybrid materials based on Conducting Organic Polymers as Electrodes for Energy Storage Devices”
- 2004 – 2006.** **Posdoctoral fellow** Centro de Investigación en Energía-UNAM, Temixco, Morelos, Mexico.

APPOINTMENTS AND POSITIONS

- 2020-PRESENT** Researcher
Centro de Nanociencias y Nanotecnología-Universidad Nacional Autónoma de México. (Nanoscience and Nanotechnology Center- Autonomous National University of México)
- 2010-2020** Researcher
Instituto de Energías Renovables-Universidad Nacional Autónoma de México. (Renewal Energy Institute- Autonomous National University of México)
- 2006-2010** Associate Researcher
Centro de Investigación en Energía-Universidad Nacional Autónoma de México. (Energy Research Center- Autonomous National University of México)

6 BOOK CHAPTERS (most relevant)

A.K. Cuentas-Gallegos, M. Miranda-Hernández, D. Pacheco-Catalán. *“Environmentally-friendly supercapacitors”* In “Materials for Sustainable Energy Applications. Conversion, Storage, Transmission and Consumption” Pan Stanford publishing, **2016**, 450 pages, ISBN 978-981-4411-81-3 (Hardcover), 978-981-4411-82-0 (eBook).

PROFESSIONAL EXPERIENCE

- 10 projects approved related with nanocomposite materials from carbon and metal oxides, sustainable supercapacitors, and other energy storage devices.
- Leader of the Mexican Energy Storage Network
- Level III SNI and C PRIDE
- IIM-UNAM Award of the National contest for the best PhD Thesis 2005 within the area of Material science and engineering.
- Organizer of symposiums related with carbon materials or supercapacitors for several international meetings (International Electrochemistry Society “ISE”, and for the International Materials Research Congress “IMRC”)
- 65 research papers with around 2500 citations (H28) Google Scholar
- Several invited conferences and seminars and participation in more than 60 international meetings related with materials and energy storage devices
- 11 undergraduate thesis, 8 master thesis, and 2 PhD Thesis, and 5 posdoctoral researchers.
- Teaching experience: provided 8 workshops (nanomaterials for energy storage), 13 undergraduate courses (Chemistry, energy storage), and 17 graduate courses (nanomaterials for energy storage devices)
- Research stays: 3 research stays in Ecole Polytechnique de Université de Nantes.
- Participation as jury member and Scientific Committees
- Participation in several degree exams
- Reviewer for several indexed scientific Journals & scientific projects
- Participation in Renewal Energy Forums (Intersolar Mexico, Agencia de Energía del Estado de Jalisco)