J. Ángel Menéndez Díaz--deleted

Subjects: Others

Contributor: J. Angel Menéndez

J. Angel Menéndez Díaz, researcher, science popularizer, entrepreneur, was born in Lugones, Asturias, Spain. He graduated from University of Oviedo, Spain, where received his M.Sc. in Chemistry and Ph.D. in Chemical Engineering in 1988 and 1994, respectively. He worked as research assistant at the Penn State University, USA, from 1995 to 1996. In 1997, he joined INCAR-CSIC, Spain, where he is currently working as a scientific researcher. His research activity is mainly focused in carbon materials and the use of microwave heating applied to industrial processes, leading various research projects on these fields. He is author and co-author of more than 200 scientific publications including books, diverse book chapters and patents. Doctoral advaisor of various students. Founder Editor of the GEC Bulletin (2005-2014). Cofounder of Xerolutions Ltd.

carbon materials | microwave heating | carbon xerogels | pyrolysis | gasification | wastes | materiasl science

1. Biography

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2. Achievements and Career Development

J. Ángel Menéndez Díaz, works on carbon materials, particularly in the characterization of the surface chemistry of carbons, developing a model on the nature of basic surface groups. It has also developed new custom-made 3D porous carbon structures produced by molding or additive manufacturing of whey. Another of his lines of research is microwave-induced pyrolysis (MIP), being a pioneer in the production of synthesis gas by microwave pyrolysis of organic waste and the dry reforming of methane assisted by microwaves.

- PUBLICATIONS and h-index of J. Ángel Menéndez
- J. Ángel Menéndez PATENTS
- J. Ángel Menéndez BOOKS