

CV Summary

Prof. Diego Cazorla-Amorós

Institute/Faculty: Materials Institute
Centre/Universtity: University of Alicante
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a. Professional Preparation (List undergrad & grad educ & postdoc training)

Universidad de Alicante, Chemistry B.S., 1988
Universidad de Alicante, Chemistry M.S., 1989 (Especial Award)
Universidad de Alicante, Science (Chemistry) Ph.D., 1991 (Especial Award)
Postdoctoral Institutions, Chem Eng, Years: 1991 (Amsterdam University, Netherlands)

b. Appointments (List academic & prof. appts in reverse chronological order)

2007- Head of the "Carbon Materials and Environment" research group, University of Alicante
2007- Head of the Materials Institute, University of Alicante
2003-2005 Head of the Department of Inorganic Chemistry, U. Alicante
2001-03 Academic Coordinator for the quality of the research, U. Alicante
2002-Professor, Inorganic Chemistry, University of Alicante
1994-2002 Associate Professor, Inorganic Chemistry, University of Alicante
1991-94 Assistant Professor, Inorganic Chemistry, University of Alicante

c. Membership of relevant organizations.

Member of the "Real Sociedad Española de Química", "Grupo Español del Carbón" and American Chemical Society.

d. Publications

To the moment, I have published 141 papers according to the ISI (Web of Science) and I am co-author of 5 patents (4 Spanish, 1 World Patent). In the last five years, I have been co-author of 50 publications. In the following, a selection of publications relevant to the content of the workshop are included.

-M. Jorda-Beneyto et al, Hydrogen storage on chemically activated carbons and carbon nanomaterials at high pressures, Carbon 45 (2): 293-303, 2007

-M.J. Bleda-Martínez, et al, Polyaniline/porous carbon electrodes by chemical polymerization: effect of carbon surface chemistry, Electrochimica Acta 52 (2007) 4962-4968.

- S. Domínguez-Domínguez, et al, Semihydrogenation of Phenylacetylene Catalyzed by Palladium Nanoparticles Supported on Carbon Materials, Journal of Physical Chemistry C, 112 (2008) 3827-3834.
- M.A. Lillo-Ródenas, et al, Effects of carbon-supported nickel catalysts on MgH₂ decomposition, J. Phys Chem C, 112 (2008) 5984-5992
- M. Kunowsky, et al, Impact of the carbonisation temperature on the activation of carbon fibres and their application for hydrogen storage, International Journal of Hydrogen Energy, 33 (2008) 3091-3095
- H. J. Salavagione, et al, Effect of the intercalated cation on the properties of Poly(o-methylaniline)/Maghnite clay nanocomposites, European Polymer Journal, 44 (2008) 1275-1284.
- Bleda-Martinez MJ, et al Effect of surface chemistry on electrochemical storage of hydrogen in porous carbon materials, Carbon, 46 (2008) 1053-1059
- Bleda-Martinez MJ, et al, Electrochemical methods to enhance the capacitance in activated carbon/polyaniline composites, Journal of the Electrochemical Society, 155 (2008) A672-A678

e. Congresses and meetings

Since 1990, I have participated in more than 50 meetings related to materials science and catalysis, with more than 180 communications.

I have been invited speaker in different meetings and courses, giving around 15 lectures and conferences.

f. Synergistic Activities (List up to 5 examples demonstrating broader impact of your professional & scholarly activities.)

Produced book on Inorganic Chemistry laboratory.

Guest co-editor of a special issue of Carbon Journal (2004).

Program Chairman of the World Carbon Conference "Carbon 2003".

Host and organizer of the Materials Institute meetings in the year 2008, 2009 and 210, at the University of Alicante

Program Chairman of the Carbon for Energy Storage and Environment Protection (CESEP'09) Conference.

g. PhD Thesis advisor

I have been advisor of 12 PhD Thesis.