

New Regional Editor

L. A. Perez-Maqueda



Name: Luis A. Pérez-Maqueda
Date and place of birth: 1 July, 1968,
Aberdeen (United Kingdom)

Education and scientific degree

Universidad de Sevilla (1991), Ph.D Universidad de Sevilla (1995).

Present position

Senior Researcher in Instituto de Ciencia de Materiales de Sevilla (Consejo Superior de Investigaciones Científicas – Universidad de Sevilla) Spain.

L. A. Perez-Maqueda (✉)
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Scientific experience abroad

Center for Advanced Materials Processing (Clarkson University, USA) 2 years 1996–1997.

Dep. Materials Science and Engineering (University of Florida) 2 months 1990.

Institute of Hydro-Engineering (Polish Academy of Sciences, Gdańsk, Poland) 2 months 1991.

Institute of Inorganic Chemistry (Academy of Sciences of the Czech Republic, Rez, Czech Republic), 4 weeks each: 1994, 1998, 1999, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009.

Walter Meissner Institute (Munich, Germany) 1 month each: 2001, 2002.

University of Colorado, Boulder CO (USA), 2 weeks, 2009.

Research activity

Reactivity of Solids.

Selected publications (from a total of 103 in ISI journals)

¹S. Vyazovkin, A. K. Burnham, J. M. Criado, L. A. Perez-Maqueda, C. Popescu, and N. Sbirrazzuoli, “Ictac Kinetics Committee Recommendations for Performing Kinetic Computations on Thermal Analysis Data,” *Thermochimica Acta*, **520**[1–2] 1–19 (2011).

²P. E. Sanchez-Jimenez, L. A. Perez-Maqueda, A. Perejon, and J. M. Criado, “Combined Kinetic Analysis of Thermal Degradation of Polymeric Materials under Any Thermal Pathway,” *Polym. Degrad. Stab.*, **94**[11] 2079–85 (2009).

³L. A. Perez-Maqueda, J. M. Criado, and P. E. Sanchez-Jimenez, "Combined Kinetic Analysis of Solid-State Reactions: A Powerful Tool for the Simultaneous Determination of Kinetic Parameters and the Kinetic Model without Previous Assumptions on the Reaction Mechanism," *Journal of Physical Chemistry A*, **110**[45] 12456–62 (2006).

⁴L. A. Perez-Maqueda, P. E. Sanchez-Jimenez, and J. M. Criado, "Evaluation of the Integral Methods for the Kinetic Study of Thermally Stimulated Processes in Polymer Science," *Polymer*, **46**[9] 2950–54 (2005).

⁵J. L. Perez-Rodriguez, F. Carrera, J. Poyato, and L. A. Perez-Maqueda, "Sonication as a Tool for Preparing Nanometric Vermiculite Particles," *Nanotechnology*, **13**[3] 382–87 (2002).

⁶L. A. Perez-Maqueda, J. M. Criado, C. Real, J. Subrt, and J. Bohacek, "The Use of Constant Rate Thermal Analysis (Crta) for Controlling the Texture of Hematite Obtained from the Thermal Decomposition of Goethite," *J. Mater. Chem.*, **9**[8] 1839–46 (1999).