R. Martínez-Máñez

*The author presented on this page has recently published his **10th article** since 2000 in Angewandte Chemie:* "The Determination of Methylmercury in Real Samples Using Organically Capped Mesoporous Inorganic Materials Capable of Signal Amplification": E. Climent, M. D. Marcos, R. Martínez-Máñez, F. Sancenón, J. Soto, K. Rurack, P. Amorós, *Angew. Chem.* **2009**, *121*, 8671 – 8674; *Angew. Chem. Int. Ed.* **2009**, *48*, 8519 – 8522.

Ramón Martínez-Máñez

Date of birth:	April 11, 1963
Position:	Professor of Inorganic Chemistry, Polytechnic University of Valencia (Spain) Head of the Research Institute of Molecular Recognition and Technologic Development (IDM), Valencia (Spain).
Education:	1982–1986 Chemistry studies, University of Valencia (Spain) 1990 PhD with P. Lahuerta at the University of Valencia on cyclometallated rhodium complexes 1993–1994 Postdoc (visiting researcher) with E. C. Constable, Cambridge University (UK)
Professional associations:	1990–2002 Associate Professor, Department of Chemistry, Polytechnic University of Valencia (Spain); 2002–Present Full Professor, Department of Chemistry, Polytechnic University of Valencia (Spain); Member of the American Chemical Society; Group leader and member of the Centro de Investigación Biomédica en Red, Bioingeniería, Biomateriales y Nanomedicina (CIBER-BBN) network
Awards:	Fellowships for doctoral and postdoctoral studies from the Spanish Government; Referee Certificate, *Angewandte Chemie*, 2010
Current research interests:	The synthesis of functional dyes and new signaling protocols for the selective and sensitive sensing of target anions, cations, and neutral species; the design of functionalized organic–inorganic hybrid supports; nanomaterials for advanced applications; the study of molecular/supramolecular gated systems and their use in new signaling concepts as well as controlled delivery nanodevices for biomedical applications
Hobbies:	Cooking, playing the piano and guitar, spending the time with my family and friends, reading

My favorite subjects at school were … scientific subjects such as chemistry, biology, mathematics, and physics. I also liked philosophy.

The biggest problem that scientists face is … financial support (and the time invested in getting it).

The greatest scientific advance of the last decade was … the human genome project.

The greatest scientific advance in the next decade will be … solving the global energetic problem.

I am waiting for the day when someone will discover… the chemical origin of life.

If I could be anyone for a day, I would be … an orchestra director.

The three qualities that make a good scientist are … hard work, originality, and a bit of luck.

Science is fun because … it really is in everywhere.

I chose chemistry as a career because … I wanted to know how things work at molecular level.

The secret of being a successful scientist is … to do imaginative research in scarcely studied fields.

My favorite book is … "Ficciones" by Jorge Luis Borges (although I also like many other short tales from Borges) and "One Hundred Years of Solitude" by Gabriel García Márquez.

My favorite piece of music is … "The Goldberg Variations" by J. S. Bach (especially the 1955 recording by Glenn Gould).

My 5 top papers:

1. "A Regenerative Chemodosimeter Based on Metal-Induced Dye Formation for the Highly Selective and Sensitive Optical Determination of Hg^{2+} Ions": J. V. Ros-Lis, M. D. Marcos, R. Martínez-Máñez, K. Rurack, J. Soto, *Angew. Chem.* **2005**, *117*, 4479 – 4482; *Angew. Chem. Int. Ed.* **2005**, *44*, 4405 – 4407.
2. "Controlled Delivery Systems Using Antibody-Capped Mesoporous Nanocontainers": E. Climent, A. Bernardos, R. Martínez-Máñez, A. Maquieira, M. D. Marcos, N. Pastor-Navarro, R. Puchades, F. Sancenón, J. Soto, P. Amorós, *J. Am. Chem. Soc.* **2009**, *131*, 14075 – 14080.
3. "The Determination of Methylmercury in Real Samples Using Organically Capped Mesoporous Inorganic Materials Capable of Signal Amplification": E. Climent, M. D. Marcos, R. Martínez-Máñez, F. Sancenón, J. Soto, K. Rurack, P. Amorós, *Angew. Chem.* **2009**, *121*, 8671 – 8674; *Angew. Chem. Int. Ed.* **2009**, *48*, 8519 – 8522.
4. "Towards the Development of Ionically Controlled Nanoscopic Molecular Gates": R. Casasús, M. D. Marcos, R. Martínez-Máñez, J. V. Ros-Lis, J. Soto, L. A. Villaescusa, P. Amorós, D. Beltrán, C. Guillem, J. Latorre, *J. Am. Chem. Soc.* **2004**, *126*, 8612 – 8613.
5. "Enzyme-Responsive Controlled Release Using Mesoporous Silica Supports Capped with Lactose": A. Bernardos, E. Aznar, M. D. Marcos, R. Martínez-Máñez, F. Sancenón, J. Soto, J. M. Barat, P. Amorós, *Angew. Chem.* **2009**, *121*, 5998 – 6001; *Angew. Chem. Int. Ed.* **2009**, *48*, 5884 – 5887.

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