Dra. Yolanda Pérez Cortés

Yolanda Pérez received a degree in Chemistry at the University of Alcala (1994-1998) and a PhD at the Rey Juan Carlos University (2003) with a distinction "Summa Cum Laude" by unanimity. In 2005-2006, she performed two postdoctoral stays at the University of Bath (United Kingdom), under the supervision of Prof. Paul Raithby and in 2007-2008, she made two postdoctoral stays at the Institute of Chemical Technology (ITQ), under the supervision of Prof. Avelino Corma, where she worked in the design of supported metal nanoparticles for catalytic applications. Dr. Pérez has participated in more than 20 research projects (2 Co-IP), being the principal investigator of a research project dealing with a knowledge transfer with Repsol S.A for more than two years. Her research has been presented in more than 40 international and national conferences (oral communications and posters). She has co-authored nearly 60 scientific papers, gained recognition for 18 years of international-quality research (4 sexenios) and supervised various students, including 20 PFC/TFG, 2 collaboration grants, 3 students of external work and 1 PhD student (with 3 ongoing). She has also given courses and conferences of scientific dissemination in “CaixaForum Zaragoza”, “La Casa Encendida” Madrid or “Born Centre de Cultura I Memòria” Barcelona. Besides, she has been Vocal and Secretary of the Board of the Royal Spanish Chemistry Society of the Territorial Section of Madrid (RSEQ-STM) (2014-2020).

Dr. Pérez is Full Professor in Inorganic Chemistry at the Rey Juan Carlos University and Senior Associate Researcher at the Advanced Porous Materials Unit (IMDEA Energy Institute). Her current research is focused on the design of materials for different relevant applications: H_2 technologies, photovoltaic devices, heterogeneous catalysis and photodegradation of emerging contaminants from water.