

**Dr. Diego PEÑA**

Associate Professor (Profesor Titular)

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 http://www.researcherid.com/rid/D-2051-2009

RESEARCH EXPERIENCE

Sept. 1997 - Sept. 2001. **Ph.D.** in Chemistry. *Palladium-Catalyzed Cyclotrimerization of Arynes*
 Supervisors: Prof. Dolores Pérez and Prof. Enrique Guitián, Universidad de Santiago de Compostela, Spain.
 June - Aug. 1999. Ph.D. visitor. Prof. Eric N. Jacobsen's Group. Harvard University, USA.
 Sept. - Nov. 2000. Ph.D. visitor. Prof. Paul Knochel's Group. LMU, München, Germany.
 July 2001. Ph.D. visitor. Prof. Antonio M. Echavarren's Group. UAM, Madrid, Spain.
 Jan. 2002 - Dec. 2003. **Postdoc, Marie Curie Fellow.**
Enantioselective Rh-Catalyzed Hydrogenation and Cu-Catalyzed Asymmetric Conjugate Addition
 Prof. Ben L. Feringa's Group. University of Groningen, The Netherlands.
 July 2002. Postdoc visitor. Prof. Johannes de Vries' Group. DSM Research, Geleen, The Netherlands.
 Jan. 2004 - Nov. 2008. **Researcher "Ramón y Cajal"** (Full time researcher, equivalent to a tenure track).
 Universidad de Santiago de Compostela.
Synthetic methodology based on homogeneous catalysis involving unstable species
 Nov. 2008 - present. **Associate Professor** (Profesor Titular)

PUBLICATIONS 38 scientific publications

2 book chapter *Topics in Organometallic Chemistry*, Ed. J. Tsuji, Springer, 2005
Ideas in Chemistry and Molecular Sciences, Ed. B. Pignataro, Wiley, 2010
 36 publications in SCI journals (18 as first author, 13 as corresponding author)
Times Cited: 1139 (ISI Web of Science), **h-index** = 17
 1 PNAS, 2 Angew. Chem., 3 JACS, 3 Chem. Eur. J., 1 ASC, 2 Chem. Commun.,
 7 OL, 2 JOC, 1 JMC, 4 Synlett, 2 EJOC, 3 OBC, 1 TCR, 1 TAs, 1 Synthesis, 1 PAC, 1 Het.

<i>Angew. Chem. Int. Ed.</i> 1998 , 37, 2659	<i>Chemistry. A European Journal</i> 2004 , 10, 4252
<i>J. Am. Chem. Soc.</i> 1999 , 121, 5827	<i>Anales de la RSEQ</i> 2005 , 101, 5
<i>Org. Lett.</i> 1999 , 1, 1555	<i>Org. Biomol. Chem.</i> 2005 , 3, 729
<i>Org. Lett.</i> 2000 , 2, 1629	<i>Tetrahedron: Asymmetry</i> 2005 , 16, 1901
<i>Synlett</i> 2000 , 1061	<i>Pure Appl. Chem.</i> 2006 , 78, 451
<i>J. Org. Chem.</i> 2000 , 65, 6944	<i>Angew. Chem. Int. Ed.</i> 2006 , 45, 3579
<i>Org. Lett.</i> 2001 , 3, 2395	<i>Chemistry - A European Journal</i> 2006 , 12, 5677
<i>Synlett</i> 2001 , 1662	<i>J. Am. Chem. Soc.</i> 2006 , 128, 9103
<i>Synlett</i> 2002 , 486	<i>Org. Lett.</i> 2006 , 8, 3347
<i>Synthesis</i> 2002 , 1454	<i>Advanced Synthesis & Catalysis</i> 2006 , 348, 2466
<i>J. Am. Chem. Soc.</i> 2002 , 124, 14552	<i>Synlett</i> 2007 , 1308
<i>Org. Lett.</i> 2003 , 5, 475	<i>The Chemical Record</i> 2007 , 7, 326
<i>Eur. J. Org. Chem.</i> 2003 , 1238	<i>Heterocycles</i> 2007 , 74, 89
<i>Org. Biomol. Chem.</i> 2003 , 1, 1087	<i>J. Org. Chem.</i> 2008 , 73, 7996
<i>Org. Lett.</i> 2003 , 1863	<i>J. Mater. Chem.</i> 2009 , 19, 4725
<i>Proc. Ing.-Pharmaceutical & Fine Chem.</i> 2003 , 2	<i>Eur. J. Org. Chem.</i> 2009 , 5519 Front Cover
<i>PharmaChem</i> 2003 , 2, 33	<i>Org. Biomol. Chem.</i> 2010 , 8, 3386.
<i>PNAS</i> 2004 , 101, 5834	<i>Chemistry - A European Journal</i> 2010 , 16, 9736
<i>Chimica Oggi</i> 2004 , (Suppl.), 18	<i>Chem. Commun.</i> 2010 , 7028
<i>Chem. Commun.</i> 2004 , 1836	<i>Org. Lett.</i> 2011 , accepted

MISCELLANEA

Conferences: > 40 contributions to conferences and symposia
Referee: Angewandte Chemie, JACS, Chemistry, ASC, JOC, OL, EJOC, Synlett
Awards: Young Chemist 2007 (below 36), from the Royal Spanish Chemical Society (RSEQ)
 Special Award for PhD highest quality: *Premio Extraordinario de Doctorado 2001*
 Finalist *European Young Chemists Award*, 2nd EuCheMS, Torino, september 2008
Research projects: participation in 11 research projects from Spanish Ministry of Education and Science (5 projects, one as PI), Regional Government (5 projects, 1 as PI) and EU (Marie Curie individual fellows.). In global, >900.000 €
Teaching: in the University of Santiago de Compostela (USC). During the last seven years.
 Supervision of 3 PhD students, 3 Master Thesis and 6 Undergraduate Projects
Habilitation Profesor Titular (Associate Professor). July 2007

Research Keywords: synthetic methodology, homogeneous catalysis, organic intermediates, aryne chemistry, cycloalkynes, cycloallenes, polycyclic aromatic hydrocarbons (PAHs), molecular materials, organic nanostructures, nanographenes