

## PERTINENT PUBLICATIONS FROM 2010

- 1) I. Favier, D. Picurelli, C. Pradel, J. Durand, **B. Milani**, M. Gomez  
Stabilization of Pd, Pt and Ru nanoparticles by optically active CO/styrene copolymers  
Inorg. Chem. Commun. 2010, 13, 766-768.  
I.F. = 2.029 N.C. = 3
- 2) A. D'Amora, L. Fanfoni, D. Cozzula, N. Guidolin, E. Zangrando, F. Felluga, S. Gladiali, F. Benedetti, **B. Milani\***  
Addressing the poly- to oligo-ketone selectivity in styrene carbonylation catalyzed by palladium/bpy complexes. Effect of the 6-alkyl substitution  
Organometallics, 2010, 29, 4472-4485.  
I.F. = 3.888 N.C. = 11
- 3) L. Fanfoni, A. Meduri, E. Zangrando, S. Castillon, F. Felluga, **B. Milani\***  
New chiral P-N ligands applied for the regio- and stereoselective Pd-catalyzed styrene dimerization  
Molecules, 2011, 16, 1804-1824.  
I.F. = 1.988 N.C. = 8
- 4) A. Campos-Carrasco, C. Tortosa Estorach, A. Bastero, M. Reguero, A. M. Masdeu-Bultò\*, G. Franciò, W. Leitner, A. D'Amora, **B. Milani\***  
Cationic palladium(II) complexes for CO/vinyl arene copolymerization in the presence of carbon dioxide  
Organometallics, 2011, 30, 6572-6586  
I.F. = 3.963 N.C. = 8
- 5) V. Khlebnikov, A. Meduri, H. Mueller-Bunz, T. Montini, P. Fornasiero, E. Zangrando, **B. Milani\***, M. Albrecht\*  
Palladium Carbene Complexes for Selective Alkene Di- and Oligomerization  
Organometallics, 2012, 31, 976-986  
I.F. = 3.963 N.C. = 28
- 6) A. Meduri, D. Cozzula, A. D'Amora, E. Zangrando, S. Gladiali, **B. Milani\***  
Unique *syndio*-selectivity in CO/styrene copolymerization reaction catalyzed by palladium complexes with 2-(2'-oxazolinyl)-1,10-phenanthrolines  
Dalton Trans., 2012, 41, 7474-7484  
I.F. = 3.647, NC. = 9
- 7) V. Khlebnikov, A. Meduri, H. Mueller-Bunz, **B. Milani\***, M. Albrecht\*  
Synthesis of a sterically modulated pyridine-NHC palladium complex and its reactivity towards ethylene  
New Journal of Chemistry, 2012, 36, 1552-1555  
I.F. = 2.605, NC. = 6
- 8) A. Meduri, T. Montini, F. Ragaini, P. Fornasiero, E. Zangrando, **B. Milani\***  
Pd-catalyzed ethylene/methyl acrylate cooligomerization: effect of a new nonsymmetric  $\alpha$ -diimine  
ChemCatChem, 2013, 5, 1170-1183.  
I.F. = 5.207, N.C. = 15

- 9) F. Amoroso, E. Zangrando, C. Carfagna, C. Muller, D. Vogt, M. Hagar, F. Ragaini\*, **B. Milani\***  
Catalyst activity or stability: the dilemma in Pd-catalyzed polyketone synthesis  
Dalton Trans., 2013, 40, 14583-14602.  
I.F. = 3.806, N.C. = 9
- 10) V. Rosar, A. Meduri, T. Montini, F. Fini, C. Carfagna, P. Fornasiero, G. Balducci, E. Zangrando, **B. Milani\***  
Analogies and differences in palladium-catalyzed CO/styrene and ethylene/methyl acrylate copolymerization reactions  
ChemCatChem, 2014, 6, 2403-2418  
I.F. = 5.207, N.C. = 6
- 11) A. Tognon, V. Rosar, N. Demitri, T. Montini, F. Felluga, **B. Milani\***  
Coordination chemistry to palladium(II) of pyridylbenzamidine ligands and their potential catalytic activity in polymerization reactions  
Inorg. Chim. Acta, 2015, 431, 206-218  
I.F. = 1.918, N.C. = 1
- 12) R. M. Drost, V. Rosar, S. Dalla Marta, M. Lutz, N. Demitri, **B. Milani**, B. De Bruin, C. J. Elsevier  
Pd-Catalyzed Z-Selective Semihydrogenation of Alkynes: Determining the Type of Active Species  
ChemCatChem, 2015, 7, 2095-2107  
I.F. = 4.724, N.C. = 3
- 13) G. Canil, V. Rosar, S. Dalla Marta, S. Bronco, F. Fini, C. Carfagna, J. Durand\*, **B. Milani\***  
Unprecedented comonomer dependence of the stereochemistry control in Pd-catalyzed CO/vinyl arene polyketone synthesis  
ChemCatChem, 2015, 7, 2255-2264  
I.F. = 4.724, N.C. = 2
- 14) F. Battistin, G. Balducci, N. Demitri, E. Iengo, **B. Milani\***, E. Alessio\*  
<sup>15</sup>N NMR spectroscopy unambiguously establishes the coordination mode of the diimine linker 2-(2'-pyridyl)pyrimidine-4-carboxylic acid (cppH) in Ru(II) complexes  
Dalton Trans., 2015, 44, 15671-15682.  
I.F. = 4.177, N.C. = 1
- 15) V. Rosar, D. Dedeic, T. Nobile, F. Fini, G. Balducci, E. Alessio, C. Carfagna, **B. Milani\***  
Palladium complexes with simple iminopyridines as catalysts for polyketone synthesis  
Dalton Trans., 2016, 45, 14609-14619.  
I.F. = 4.177, N.C. = 0
- 16) M. Beltrani, C. Carfagna\*, **B. Milani**, R. Mancuso, B. Gabriele, F. Fini\*  
Oxidative Alkoxy-carbonylation of alkynes by means of aryl  $\alpha$ -diimine palladium(II) complexes as catalysts  
Advanc. Synt. & Cat. 2016, 358, 3244-3253.  
VIP paper  
The cover of the issue is dedicated to this paper.  
I.F. = 6.453, N.C. = 0

17) P. Wojcik, V. Rosar, A. Gniewek, **B. Milani**, A. Trzeciak\*

In situ generated Pd(0) nanoparticles stabilized by bis(aryl)acenaphthenequinone diimines as catalysts for aminocarbonylation reactions in water

J. Mol. Catal. A: Chemical 2016, 425, 322-321.

I.F. = 3.958, N.C. = 0