

PUBLICATIONS 2011 – 2021

H index = 28/27 (Scopus/WoS March 2021)

I.F. = impact factor; N.C. = number of citations [Scopus/Web of Science](#)

1) 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. = **12/11**

2) 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. = **13/14**

3) 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. = 4.145 N.C. = **49/47**

4) 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. = 3.806, NC. = **10/10**

5) 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. = 2.966, NC. = **12/10**

6) A. Meduri, T. Montini, F. Ragagni, P. Fornasiero, E. Zangrando, **B. Milani***

Palladium-catalyzed ethylene/methyl acrylate cooligomerization: effect of a new nonsymmetric α -diimine

ChemCatChem, 2013, 5, 1170-1183.

I.F. = 5.044, N.C. = **36/36**

7) F. Amoroso, E. Zangrando, C. Carfagna, C. Muller, D. Vogt, M. Hagar, F. Ragagni*, **B. Milani***

Catalyst activity or stability: the dilemma in Pd-catalyzed polyketone synthesis

Dalton Trans., 2013, 40, 14583-14602.

I.F. = 4.097, N.C. = **25/23**

8) 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. = 4.556, N.C. = 19/19

9) A. Tognon, V. Rosar, N. Demitri, T. Montini, F. Felluga, **B. Milani***

Coordination chemistry to palladium(II) of pyridylbenzamidine ligands and the related reactivity with ethylene

Inorg. Chim. Acta, 2015, 431, 206-218

I.F. = 1.918, N.C. = 5/5

10) 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. = 19/18

11) 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. = 8/8

12) F. Battistin, G. Balducci, N. Demitri, E. Iengo, **B. Milani***, E. Alessio*

¹⁵N 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. = 8/8

13) 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. = 11/11

14) M. Beltrani, C. Carfagna*, **B. Milani**, R. Mancuso, B. Gabriele, F. Fini*

Oxidative Alkoxy carbonylation of alkynes by means of aryl a-diimine palladium(II) complexes as catalysts

Adv. Synt. & Cat. 2016, 358, 3244-3253.

VIP paper

The cover of the issue is dedicated to this paper.

I.F. = 6.453, N.C. = 13/11

15) 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, 322-331.

I.F. = 3.958, N.C. = 7/6

16) **B. Milani**, G. Licini, E. Clot, M. Albrecht

Small molecule activation

Dalton Transaction, 2016, 45, 14419-14420.

I.F. = 4.177, N.C. = 11/11

- 17) V. Rosar,* T. Montini, G. Balducci, E. Zangrando, P. Fornasiero, **B. Milani***
 Palladium-catalyzed ethylene/methyl acrylate co-oligomerization: the effect of a new nonsymmetrical α -diimine with the 1,4-diazabutadiene skeleton
ChemCatChem, 2017, 9, 3402-3411.
 I.F. = 4.803, N.C. = **15/15**
- 18) V. Rosar, A. Meduri, T. Montini, P. Fornasiero, E. Zangrando,* **B. Milani***
 The contradictory effect of the methoxy-substituent in palladium-catalyzed ethylene/methyl acrylate cooligomerization
Dalton Transaction, 2018, 47, 2778-2790.
 I.F. = 4.099, N.C. = **12/12**
- 19) F. Battistin, G. Balducci, **B. Milani**, E. Alessio*
 Water-soluble ruthenium(II) carbonyls with 1,3,5-traza-7-phosphoadamantane
Inorg. Chem. 2018, 57, 6991-7005.
 I.F. = 4.700, N.C. = **6/6**
- 20) M. Navarro, V. Rosar, T. Montini, **B. Milani***, M. Albrecht*
 Olefin dimerization and isomerization catalyzed by pyridylidene amide palladium complexes
Organometallics, 2018, 37, 3619-3630.
 I.F. = 4.051, N.C. = **13/13**
- 21) F. Milocco, F. de Vries, A. Dall'Anese, V. Rosar, E. Zangrando, E. Otten,* **B. Milani***
 Palladium Alkyl Complexes with a Formazanate Ligand: Synthesis, Structure and Reactivity
Dalton Transactions, 2018, 47, 14445-14451.
 I.F. = 4.174, N.C. = **6/5**
 La back cover della rivista è dedicata a questa pubblicazione.
- 22) A. Vidal, F. Battistin, E. Iengo, **B. Milani**, E. Alessio*
 The insertion of ruthenium into porphyrins revisited and improved: proof of concept results with the Ru(II) carbonyl compound [Ru(CO)(dmso)₅][PF₆]₂, and the spectacular effect of propionic acid
Eur. J. Inorg. Chem., 2019, 2883-2890.
 I.F. = 4.099, N.C. = **2/2**
- 23) A. Dall'Anese, V. Rosar, L. Cusin, T. Montini, G. Balducci, I. D'Auria, C. Pellecchia, P. Fornasiero, F. Felluga, **B. Milani***
 Palladium Catalyzed Ethylene/Methyl Acrylate Copolymerization: Moving from the Acenaphthene to the Phenanthrene Skeleton of Alfa-Diimine Ligands
Organometallics 2019, 38, 3498-3511.
 I.F. = 3.804, N.C. = **7/7**
- 24) A. Dall'Anese, M. Fiorindo, D. Olivieri, C. Carfagna, G. Balducci, E. Alessio, J. Durand, **B. Milani***
 Pd-catalyzed CO/vinyl arene (including 4-fluorostyrene) copolymerization: when the stereochemistry is controlled by the comonomer
Macromolecules 2020, 53, 7783-7794.
 I.F. = 5.918, N.C. = **1/1**

25) Z. Saki, I. D'Auria, A. Dall'Anese, **B. Milani***, and Claudio Pellecchia*

Copolymerization of ethylene and methyl acrylate by pyridylimino Ni(II) catalysts affording hyperbranched poly(ethylene-co-methylacrylate)s with tunable structures of the ester groups
Macromolecules 2020, 53, 9294-9305.

I.F. = 5.918, N.C. = **0/0**

26) A. Vidal, F. Battistin, **B. Milani**, G. Balducci*, and E. Alessio*

Stereoisomeric control in $[\text{RuCl}_2(\text{PTA})_2(2\text{L})]$ complexes ($2\text{L} = 2\text{py}$ or bpy): from theoretical calculations to a 2+2 metallacycle of pyridylporphyrins
Eur. J. Inorg. Chem. 2021, 321-334.

I.F. = 4.099, N.C. = **0/0**

27) G. M. Ó Máille, A. Dall'Anese, P. Grossenbacher, T. Montini, **B. Milani***, and M. Albrecht*

Modulation of $\text{N}^{\text{N}}\text{-bidentate}$ chelating pyridyl-pyridylidene amide ligands offers mechanistic insights into Pd-catalysed ethylene/methyl acrylate copolymerisation
Dalton Trans. 2021, 50, 6133-6145.

Dalton Transactions Hot Article