

## **A selection of Scientific Papers (since 2000)**

M- Iglesias and L.A. Oro

A leap forward in iridium-NHC catalysis: new horizons and mechanistic insights.

Chem. Soc. Rev., 47, 2772-2808 (2018).

A. Julián, K. Garcés, R. Lalrempuia, E.A. Jaseer, P. García-Orduña, F.J. Fernández-Alvarez, F.J. Lahoz and L.A. Oro.

Reactivity of Ir-NSiN complexes: Ir-catalyzed dehydrogenative silylation of carboxylic acids.

ChemCatChem., 10, 1027-1024 (2018).

D. Funes-Hernando, P. Herмосilla, E. Vispe, A. Di Giuseppe, R. Castarlenas, L.A. Oro and J.J. Pérez-Torrente.

Vinylidene-based polymers by Rh(I)-NHC catalyzed thiol-yne click polymerization: synthesis, characterization and chemical modification.

Polymer Chemistry, 9, 1298-1302 (2018).

L. Rubio-Pérez, M. Iglesias, J. Munárriz, V. Polo, V. Passarelli, J.J. Pérez-Torrente and L.A. Oro.

A well-defined NHC-Ir(III) catalyst for the silylation of aromatic C–H bonds: substrate survey and mechanistic insights.

Chemical Science, 8, 4811-4822 (2017).

A. Julián, J. Guzmán, E.A. Jaseer, F. J. Fernández-Alvarez, R. Royo, P. García-Orduña, F. J. Lahoz and L. A. Oro.

Mechanistic insights on the reduction of CO<sub>2</sub> to silylformates catalyzed by Ir-NSiN species.

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A. Iturmendi, M. Iglesias, J. Munárriz, V. Polo, J.J. Pérez-Torrente and L.A. Oro.

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Rhodium catalyzed dehydrogenative silylation of acetophenone derivatives: formation of silyl enol ethers versus silyl ethers.

Chem. Eur. J., 22, 14717-14729 (2016).

A. Di Giuseppe, R. De Luca, R. Castarlenas, J.J. Perez-Torrente, M. Crucianelli and L.A. Oro.

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M. Iglesias, A. Iturmendi, P.J. Sanz Miguel, V. Polo, J.J. Perez-Torrente and L.A. Oro.

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