

Sudupe, Maria; Cano, Jesus; Royo, Pascual; Mosquera, Marta E. G.; Frutos, Luis M.; Castano, Obis
Regioselective Synthesis of 1,2- and 1,3-Di(silylamido)cyclopentadienyl Zirconium Complexes
Organometallics, (2010), 29, 263-268

Postigo, Lorena; Bellarosa, Luca; Sanchez-Nieves, Javier; Royo, Pascual; Lledos, Agusti; Mosquera, Marta E. G
Dinuclear Dicyclopentadienyl Titanium Complexes with Bridging Cyclopentadienylsiloxo Ligands
Organometallics, (2010), 29, 642-655

V. Taberero, M. E. G. Mosquera, T. Cuenca
Synthesis and structural characterization of a novel aluminum amidato derivative exhibiting a rare sixteen-membered wheel containing four aluminum centers
Organometallics, (2010), 29, 3642-3646

G. Martínez, J. Chirinos, M. E. G. Mosquera, T. Cuenca, Enrique Gómez
An unusual N-bridged phenoxido-amido hydride aluminium dinuclear compound. The role of nitrogen substituents in determining nuclearity: A combined experimental and theoretical study.
Eur. J. Inorg. Chem, (2010), 16, 1522-1529

J.Sanchez-Nieves,L.M.Frutos,P.Royo,O.Castano,E.Herdtwack,M.E.G.. Mosquera
Trapping Unstable Terminal M-O Multiple Bonds of Monocyclopentadienyl Niobium and Tantalum Complexes with Lewis Acids.
Inorg. Chem, (2010), 49, 10642–10648

Ventura, María; Ramírez de Arellano, Carmen; Mosquera, Marta E. G.; Jimenez, Gerardo; Cuenca, Tomas
Synthesis and structural characterization of novel tetranuclear organotitanoxane derivatives.
Dalton Transactions, (2011), 5728-5733

Paniagua, Cristina; Mosquera, Marta E. G.; Jimenez, Gerardo; Cuenca, Tomas
Reactions of [Ti(η^5 -C₅Me₄SiMe₂Cl)Cl₃] with Diamines, a Suitable Approach to Prepare Mono- and Dinuclear Cyclopentadienyl-silyl-amido Titanium Complexes with Constrained and Unstrained Structures.
Organometallics, (2011), 30, 2993-3000

Alesso, Giuseppe; Taberero, Vanessa; Mosquera, Marta E. G.; Cuenca, Tomas
Studies on the active species in olefin polymerisation generated from phenoxo-amido titanium "chiral-at-metal" compounds.
Journal of Organometallic Chemistry, (2011), 696, 2330-2337

M^a T. Muñoz, C. Urbaneja, M. Temprado, M. E. G. Mosquera, T. Cuenca
Lewis Acid Fragmentation of a Lithium Aryloxide Cage: Generation of New Heterometallic Aluminium-Lithium Species.
ChemComm . (2011), 47, 11757-11759

Addis Londaitshere, Jesús Cano, Tomás Cuenca, Marta E.G. González, Stefano Milione, Alfonso Grassi
1,3-Double Siloxo-Bridged Zirconium Metallocene for Propene and 1-Hexene Oligomerization Generation of a Dinuclear Aluminoxane.
Organometallics (2012), 31, 2108-2111

G. Martinez, M. E. G. Mosquera, T. Cuenca
Effect of the Nitrogen Substituent on the Reactions of Alane towards Imino and Aminophenols: Generation of a Dinuclear Aluminoxane.

Eur. J. Inorg. Chem., (2012), 3611-3617

Chahboun, Ghaita; Brito, Jose Angel; Royo, Beatriz; El Amrani, Mohamed Amin; Gomez-Bengoa, Enrique; Mosquera, Marta E. G.; Cuenca, Tomas; Royo, Eva
Olefin epoxidation catalyzed by cis-dioxidomolybdenum(VI) complexes containing chiral alkoxo-imino ligands derived from (+)- α -pinene.
Eur. J. Inorg. Chem., (2012), 2940-2949

Ventura, Maria; Mosquera, Marta E. G.; Cuenca, Tomas; Royo, Beatriz; Jimenez, Gerardo
Cyclopentadienyl-Silsesquioxane Titanium Complexes: Highly Active Catalysts for Epoxidation of Alkenes with Aqueous Hydrogen Peroxide.
Inorg. Chem. (2012), 42, 6345-6349

Moron, Maria; Burgos, Carolina; Alvarez-Builla, Julio; Salgado, Antonio; Mosquera, Marta E. G.; Vaquero, Juan J
A cascade reaction of azolopyrimidines. Synthesis of unusual indole and azaindole derivatives.
Chem. Commun., (2012), 48, 9171-9173

G. Jiménez; T. Cuenca; L. Postigo; M. E. G. Mosquera; M^a C. Maestre
Aminoarenethiolate Aluminum Complexes: Synthesis, Characterization, and Use in L-Lactide Polymerization.
Organometallics (2013), 32, 2618-2624

Anna Coppola, Patricia Sánchez-Alonso, David Sucunza, Carolina Burgos, Ramón Alajarín, Julio Alvarez-Builla, Marta E. G. Mosquera, Juan J. Vaquero
Aryl Cyanation via Isocyanide–Cyanide Rearrangement on Tosylmethyl Isocyanide Derivatives.
Organic Letters (2013), 15, 3388–3391

F. Vidal, M^a A. Dávila, A. San Torcuato, P. Gómez-Sal, M. E. G. Mosquera
Functionalized Imido-Bridged Titanium Dinuclear Complexes as New Building Blocks for Supramolecular Arrangements: Generation of a 1D Structure through a Mg-Cl...I-C Halogen Bonding Interaction.
Dalton Trans., (2013), 42, 7074 - 7084

C. Gallegos, V. Tabernero, F. M. García-Valle, Marta E. G. Mosquera, T. Cuenca, J. Cano
Synthesis and structure of homo- and heterometallic lithium-magnesium complexes and their reactivity in the ROP of rac-lactide
Organometallics (2013), 32, 6624–6627

Francisco Fernández-Palacio, Jimmy Restrepo, Santos Gálvez, Pilar Gómez-Sal, Marta E. G. Mosquera,
Functionalized aminocarboxylate moieties as linkers for coordination polymers: Influence of the substituents in the dimensionality of the final structure..
CrystEngCommun., (2014), 43, 14377-85

M^a T. Muñoz, T. Cuenca, M. E. G. Mosquera
Heterometallic aluminates: alkali metals trapped by an aluminium aryloxide claw..
Dalton Trans., (2014), 16; 3376-3386. Special Issue in Polar Organometallics

Francisco M. García-Valle, Robert Stivill, Carlos Gallegos, Tomás Cuenca, Marta E. G. Mosquera, Vanessa Tabernero, Jesús Cano.
Metal and Ligand-Substituent Effects in the Immortal Polymerization of rac-Lactide with Li, Na, and K Phenoxo-imine Complexes
Organometallics., (2015), 477-487

S. Pedrosa, F. Vidal, L. Myongwon Lee, I. Vargas-Baca, P. Gómez-Sal, M. E. G. Mosquera
Imido-Pyridine Ti(IV) Compounds: Synthesis of Unusual Imido-Amido Heterobimetallic Derivatives.

Dalton Trans., (2015), 44, 11119-11128

de la Cueva-Alique, Isabel; Munoz-Moreno, Laura; Benabdelouahab, Yosra; Elie, Benelita T.; El Amrani, Mohammed Amin; Mosquera, Marta E. G.; Contel, Maria; Bajo, Ana M.; Cuenca, Tomas; Royo, Eva

Novel enantiopure cyclopentadienyl Ti(IV) oximate compounds as potential anticancer agents.
Journal of Inorganic Biochemistry (2016), 156, 22-34

Gallegos, Carlos; Taberner, V.; Mosquera, Marta E. G.; Cuenca, Tomas; Cano, Jesus
Comparative Study of Lactide Polymerization with Lithium, Sodium, Potassium, Magnesium, Calcium, and Zinc Azo-naphthoxide Complexes.

Eur. J. Inorg. Chem., (2015), 2015, 5124-513

Mosquera, Marta E. G.; Gomez-Sal, Pilar; Diaz, Isabel; Aguirre, Lina M.; Ienco, A.; Manca, Gabriele; Mealli, Carlo

Intriguing I₂ Reduction in the Iodide for Chloride Ligand Substitution at a Ru(II) Complex: Role of Mixed Trihalides in the Redox Mechanism.

Inorg. Chem. (2016), 55, 283-291