

Miscellaneous papers

Authors: C. Cativiela, M. D. Díaz de Villegas, J. I. García, J. A. Mayoral, E. Meléndez

Title: "Determination of the enantiomeric purity by $^1\text{H-NMR}$ with $\text{Eu}(\text{tfc})_3$ of β -hetarylalanine derivatives. Correlation of the enantiomeric shift difference with absolute configuration"

Journal: Bull. Soc. Chim. Belg., **93**, 479-482, 1984.

Authors: J. L. M. Abboud, T. Cañada, H. Homan, R. Notario, C. Cativiela, M. D. Díaz de Villegas, M. C. Bordejé, O. Mo, M. Yañez

Title: "Gas phase basicities of β -lactams and azetidines. Cyclation effects. An experimental and theoretical study"

Journal: J. Am. Chem. Soc., **114**, 4728-4736, 1992.

Authors: C. Cativiela, M. D. Díaz de Villegas, J. P. Fayet, J. I. García, J. A. Mayoral, M. C. Vertut

Title: "A theoretical (AM1) and experimental dipole moment study of 5(4*H*)-oxazolones"

Journal: Bull. Soc. Chim. Belg., **101**, 945-951, 1992.

Authors: R. Navarro, J. Gracia, E. P. Urriolabeitia, C. Cativiela, M. D. Díaz de Villegas

Title: "Metal complexes of biologically important ligands: Synthesis of amino acidato complexes of Pd (II) containing a C, N-cyclometallated group as an ancillary ligand"

Journal: J. Organometallic Chem., **490**, 35-43, 1995.

Authors: O. Cantín, C. Cativiela, M. D. Díaz de Villegas, R. Navarro, E. P. Urriolabeitia

Title: "A practical method of absolute configuration assignment of α -amino acids using their Pd(dmba) amino acidato complexes"

Journal: Tetrahedron: Asymmetry, **7**, 2695-2704, 1996.

Authors: C. Cativiela, M. D. Díaz de Villegas

Title: "Stereoselective synthesis of quaternary α -amino acids . Part 1: Acyclic compounds"

Journal: Tetrahedron: Asymmetry, **9**, 3517-3599, 1998.

Authors: C. Cativiela, M. D. Díaz de Villegas

Title: "Stereoselective synthesis of quaternary α -amino acids. Part 2: Cyclic compounds"

Journal: Tetrahedron: Asymmetry, **11**, 635-732, 2000.

Authors: M. A. Bonache, G. Gerona-Navarro, M. Martín-Martínez, M. T. García-López, P. López, C. Cativiela, R. González-Muñiz

Title: "Memory of chirality in the enantioselective synthesis of β -lactams derived from amino acids. Influence of the reaction conditions"

Journal: Synlett, 1007-1011, 2003.

Authors: M. A. Bonache, G. Gerona-Navarro, C. García-Aparicio, M. Martín-Martínez, M. T. García-López, P. López, C. Cativiela, R. González-Muñiz

Title: "Memory of chirality in the stereoselective synthesis of β -lactams: importance of the starting amino acid derivative"

Journal: Tetrahedron: Asymmetry, **14**, 2161-2169, 2003.

Authors: C. Cativiela, M. D. Díaz de Villegas

Title: "5(2*H*)-Oxazolones and 5(4*H*)-oxazolones "

Book: The chemistry of heterocyclic compounds. Oxazoles: Synthesis, reactions and spectroscopy, Part B. John Wiley and Sons, **60**, 129-330, 2004.

Authors: M. A. Bonache, P. López, M. Martín-Martínez, M. T. García-López, G. Gerona-Navarro, C. Cativiela, R. González-Muñiz

Title: "Stereoselective synthesis of amino acid-derived β -lactams. Experimental evidence for TADDOL as a memory of chirality enhancer"

Journal: Tetrahedron, **62**, 130-138, 2006.

Authors: J. A. Gálvez, M. D. Díaz de Villegas, R. Badorrey, P. López-Ram-de-Víu

Title: “Switch in regioselectivity of epoxide ring-opening by changing the organometallic reagent”

Journal: *Org. Biomol. Chem.*, **9**, 8155-8162, 2011.

Authors: C. Casado, J. Castán, I. Gracia, M. Yus, A. Mayoral, V. Sebastian, P. López-Ram-de-Viu, S. Uriel, J. Coronas

Title: “L- and D-Proline Adsorption by Chiral Ordered Mesoporous Silica”

Journal: *Langmuir*, **28**, 6638-6644, 2012.

Authors: B. Murillo, A. Sánchez, V. Sebastián, C. Casado-Coterillo, O. de la Iglesia, M. P. López-Ram-de-Viu, C. Téllez, J. Coronas.

Title: “Conversion of glucose to lactic acid derivatives with mesoporous Sn-MCM-41 and microporous titanosilicates”

Journal: *J. Chem. Technol. Biotechnol.*, **89**, 1344-1350, 2014.

Authors: L. González, S. Graus, R. M. Tejedor, P. López, J. Elguero, J. L. Serrano, S. Uriel

Title: “From diiodo Tröger's bases towards halogenbonded porous organic crystalline materials”

Journal: *Cryst. Eng. Comm.*, **20**, 3167-3170, 2018.

Authors: R. Monteagudo-Olivan, M. Arruebo, P. López-Ram-de-Viu, V. Sebastian, J. Coronas

Title: “Reactive gas atmospheres as a tool for the synthesis of MOFs: the creation of a metal hybrid fumarate with a controlled Fe/Al composition profile”

Journal: *J. Mater. Chem. A*, **6**, 14352-14358, 2018.

Authors: R. Monteagudo-Olivan, L. Pasetta, G. Poitier, P. López-Ram-de-Viu, J. Coronas

Title: “Solvent-free encapsulation at high pressure in carboxylate-based MOFs”

Journal: *Eur. J. Inorg. Chem.*, 29-36, 2019.

Authors: R. Monteagudo-Olivan, I. Jiménez-Fernández; P. López-Ram-de-Viu, V. Sebastian, J. Coronas

Title: “The Effect of Hydrogen Peroxide on the synthesis of Terephthalate-Based metal-organic frameworks”

Journal: ChemPlusChem, **85**, 68-73, 2020.