

Catálisis Enantioselectiva



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

Título: Michael addition of carbonyl compounds to nitroolefins under the catalysis of new pyrrolidine- based bifunctional organocatalysts

Revista: Org. Biomol. Chem.16, 924-935, 2018

DOI: 10.1039/c7ob02798b

Autores: A. Castán, R. Badorrey, J. A. Gálvez, M. D. Díaz-de-Villegas

Título: Synthesis of new pyrrolidine-based organocatalysts and study of their use in the asymmetric Michael addition of aldehydes to nitroolefins

Revista: Beilstein J. Org. Chem. 13, 612-619, 2017

DOI: 10.3762/bjoc.13.59

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

Título: Organocatalysis in enantioselective α -functionalization of 2-cyanoacetates

Revista: Adv. Synth. Catal. 356, 3261-3288, 2014

DOI: 10.1002/adsc.201400404

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

Título: Organocatalyzed enantioselective desymmetrization of diols in the preparation of chiral building blocks

Revista: Chem. Eur. J. 44, 13920-13935, 2012

DOI: 10.1002/chem.201202264

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

Título: Recent advances in enantioselective organocatalyzed anhydride desymmetrization and its application to the synthesis of valuable enantiopure compounds

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Autores: P. Etayo, R. Badorrey, M. D. Díaz de Villegas, J. A. Gálvez

Título: Chiral aminodiol derivatives as new modular organocatalysts for the enantioselective α -chlorination of cyclic β -ketoesters

Revista: Adv. Synth. Catal. 352, 3329-3338, 2010

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Autores: S. R. Harutyunyan, F. López, W. R. Browne, A. Correa, D. Peña, R. Badorrey, A. Meetsma, A. J. Minnaard, B. L. Feringa

Título: On the mechanism of the copper-catalyzed enantioselective 1,4-addition of grignard reagents to α,β -unsaturated carbonyl compounds

Revista: J. Am. Chem. Soc. 128, 9103-9118, 2006

DOI: 10.1021/ja0585634

Autores: D. Carmona, R. Medrano, I. T. Dobrinovich, F. J. Lahoz, J. Ferrer, L. A. Oro, M. P. López

Título: Synthesis and structure of chiral-at-metal complexes with the ligand (S)-2-[(S_P)-2-(diphenylphosphino)ferrocenyl]-4-isopropylloxazoline

Revista: J. Organometallic Chem. 691, 5560-5566, 2006 (*Corrigendum:* J. Organometallic Chem., 693, 3312, 2008)

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Autores: M. Lasa, P. López, C. Cativiela, D. Carmona, L. Oro

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Revista: *J. Mol. Catal. A* 234, 129-135, 2005

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Título: Copper-catalyzed asymmetric conjugate addition of Grignard reagents to cyclic enones

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Revista: Chem. Commun. 2351-2352, **1997**

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Autores: R. Navarro, E. P. Urriolabeitia, C. Cativiela, M. D. Díaz de Villegas, M. P. López, E. Alonso

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