

- REZULTATE STIINTIFICE PUBLICATE

1. Articole in reviste din strainatate

1. *Synthesis of Enantiopure 1-r-Aryl-2-c,5-t-diphenylphospholane Oxides and Boranes by Pd-Catalyzed C-P Bond Formation*

Martial Toffano, **Cristian Dobrotă**, Jean-Claude Fiaud

European Journal of Organic Chemistry – accepted, in press

Published Online: **25 Nov 2005**, DOI: 10.1002/ejoc.200500577

2. *Chiral 1,2,5-triphenylphospholanium tetrafluoroborate as ligand precursor in Rh-catalyzed asymmetric hydrogenation of methyl (Z)-2-acetamidocinnamate*

Cristian Dobrotă, Martial Toffano and Jean-Claude Fiaud

Tetrahedron Letters, Volume 45, Issue 44, 2004, Pages 8153-8156

[doi:10.1016/j.tetlet.2004.09.031](https://doi.org/10.1016/j.tetlet.2004.09.031)

2. Articole in reviste din tara

1. « *Coordination compounds of Cu(II) with Schiff bases derived from 3-formylcamphor and 2-formylmenthone with aromatic amines* » - A. Ciobanu ; F. Zălaru ; C. Zălaru ; C. Sferdean ; **C. Dobrotă** – *Ovidius University Annals of Chemistry*, **2000**, *11*, p. 16-18 ;

3. Comunicari stiintifice

1. “*Novel P-aryl and P-alkyl-2,5-diphenylphospholanes as efficient ligands for asymmetric hydrogenation*”

Martial Toffano, **Cristian Dobrotă**, Jean-Claude Fiaud – comunicare prin poster prezentata la congresul **PRE-OMCOS** 15-16 iulie **2005**, Paris, Franta

2. « *Sel chiral du 1,2,5-triphénylphospholanium tetrafluoroborate : ligand stable et efficace en catalyse asymétrique* »

Martial Toffano, **Cristian Dobrotă**, Jean-Claude Fiaud – comunicare prin poster prezentata la coloctiul « Journées de Chimie Organique » organizat de Societatea Franceza de Chimie - 7-9 septembrie **2004**, Palaiseau, Franta

3. « *Synthèse des dérivés optiquement actifs de l'acide phospholanique* »

Cristian Dobrotă – comunicare orală prezentata la Atelierul « Dimension européenne de la francophonie » organizat de Universitatea din Bucuresti si Ambasada Frantei in Romania, 1-6 iulie **1999** – Bucuresti

4. Carti publicate

« *Experimental Organic Chemistry* » **Cristian Dobrotă** – Ed. *Ars Docendi*, Bucuresti, **2001**; ISBN 973-8118-46-8, 160 pagini