Philippe ZINCK

Full Professor at the Unity of Catalysis and Solid State Chemistry, UMR 8181 CNRS, University Lille 1, Science and Technology, France
Tel : +33 3 20 43 68 70
Philippe.Zinck@univ-lille1.fr

Research Interests: Catalysis for functional and biobased polymers, Coordination Polymerization, Organocatalysis

Bibliometry (November 2016) 52 publications, 6 book chapters, 1 book, 17 invited conferences, h-index 19

Memberships

SCF – French Chemical Society (North Section Board)
GFP – French Group of Polymer (North Section Board)
MCFA – Marie Curie Fellowship Association (Advisory Board)
IFMAS – French Institute of Agrobased Materials (Part-time secondment, member of the Strategic Board)

Editorial boards

Mediterranean Journal of Chemistry
Frontiers in Chemistry, Section Polymer Chemistry
International Journal of Polymer Science

Recent articles, selected

G. Nogueira, A. Favrelle, M. Bria, J.P. Prates Ramalho, P.J. Mendes, A. Valente, P. Zinck
Adenine as organocatalyst for the ring-opening polymerization of lactide: scope, mechanism and access to adenine-functionalized polylactide
Reaction Chemistry and Engineering 2016, 1, 508-520

P. Zinck
Unexpected reactivities in chain shuttling copolymerizations
Polymer International 2016, 65, 11-15

A. Valente, G. Stoclet, F. Bonnet, A. Mortreux, M. Visseaux, P. Zinck
Isoprene–styrene chain shuttling copolymerization mediated by a lanthanide half-sandwich complex and a lanthanidocene: straightforward access to a new type of thermoplastic elastomers
Angewandte Chemie, 2014, 53, 4638-4641

A. Valente, A. Mortreux, M. Visseaux, P. Zinck
Coordinative Chain Transfer Polymerization
Chemical Reviews 2013, 113, 3936-3857