

Brief CV of M. Oiarbide

Mikel Oiarbide Garmendia was born in Alzaga (Gipuzkoa, Spain) in 1963

Degrees

PhD in Organic Chemistry, University of the Basque Country UPV/EHU, 1991

Laurea in Chemistry, University of the Basque Country UPV/EHU, 1986

Early Research Activity

Department of Organic Chemistry, UPV/EHU, 1981-1986 (PhD)

Department of Chemistry, University of California, Berkeley, 1991-1993 (PDF)

Positions in Academy

Full Professor, University of the Basque Country UPV/EHU, 2004 to the present

Associate Professor (Tenure), UPV/EHU, 1994–2004

Associate Professor, UPV/EHU, 1992–1994

Assistant Professor, UPV/EHU, 1990–1991

Memberships

Spanish Royal Society of Chemistry, American Chemical Society

Research Topics (94 articles and book chapters, 1 patent and 12 PhD Theses supervised)

Stereoselective C–C bond forming reactions • Asymmetric catalysis; Organocatalysis •

Synthesis of biologically active molecules

Selected Publications (with C. Palomo)

JACS **2002**, *124*, 8637 (new sugar-peptide hybrids)

JACS **2003**, *125*, 13942 (catalytic asymmetric Diels-Alder reaction)

ACIE **2005**, *44*, 3881 (catalytic asymmetric Henry reactions)

JACS **2005**, *127*, 4154 (catalytic asymmetric Friedel-Crafts alkylations)

JACS **2005**, *127*, 17622; *JACS* **2008**, *130*, 7955 (asymmetric aza-Henry under PTC)

ACIE **2005**, *44*, 3881 (catalytic asymmetric cycloadditions of nitrones)

JACS **2006**, *128*, 15236 (sulphur migration giving tio-aldol adducts)

ACIE **2006**, *45*, 117 (double catalytic activation in enantioselective aza-Henry reactions)

ACIE **2007**, *46*, 8431 (asymmetric iminium catalysis in/on water)

CEJ **2008**, *14*, 8768 (catalytic asymmetric additions of R₂Zn)

OL **2008**, *10*, 2637 (asymmetric generation of all-carbon quaternary stereocenters)

CEJ **2009**, *15*, 1562 (asymmetric organocatalytic additions to vinyl sulfones)

CSR **2009**, *38*, 632 (review: asymmetric catalysis by Brønsted bases)

CS **2011**, *2*, 353 (asymmetric organocatalytic α -alkylation of aldehydes)

ACIE **2012**, *51*, 10856 (Rh-catalyzed asymmetric synthesis of thiiranes)

CS **2013**, *4*, 3198 (asymmetric organocatalytic aldol reaction of aldehydes)

JACS **2014**, *136*, 17869, (general enoate equivalent for Brønsted base catalysis)

ACIE **2015**, *54*, 6883 (1*H*-imidazol-4(5*H*)-ones as donors in BB-catalyzed additions)

JACS **2016**, *138*, 3282 (CH-functionalization of 2-(cyanomethyl)azaarene *N*-oxides)

ACIE **2017**, *56*, 8860 (enantio- and regioselective additions of vinylogous enolates)

JACS **2017**, *139*, 12524 (helical oligoureia foldamers as low loading organocatalysts)

JACS **2017**, *139*, 15308 (catalytic asymmetric synthesis of quaternary barbituric acids)

ACIE **2019**, *57*, 14250 (one-pot domino access to carbocycles via transient trienolates)

Fullbright fellowship (UC-Berkeley, 1991-1993) • Ten talks in scientific conferences • h-index (WOS)= 37 (August 23, 2020)