

LIST OF PUBLICATIONS – Dr. Nuno Maulide

2012

31) Xueliang Huang, Sebastian Klimczyk, Luís F. Veiros and Nuno Maulide*,
submitted

30) Xueliang Huang, Bo Peng, Marco Luparia, Luis Gomes, Luís F. Veiros and Nuno Maulide*,
Angew. Chem. **2012**, accepted (doi: . 10.1002/anie.201203637)

29) Davide Audisio, Marco Luparia, Maria Teresa Oliveira, Frédéric Frébault, Dina Klütt and Nuno Maulide*,

A Diastereodivergent De-epimerisation in Catalytic Asymmetric Allylic Alkylation.

Angew. Chem. **2012**, Early View (doi: 10.1002/anie.201202853)

(Selected as a **Hot paper** by the Editorial Team)

28) Sebastian Klimczyk, Xueliang Huang, Christophe Farès and Nuno Maulide*,
Sulfoxide-mediated Umpolung of alkali halide salts

Org. Biomol. Chem. **2012**, 10 (22), 4327 - 4329

27) Frédéric Frébault and Nuno Maulide*,

Total Synthesis and Structural Revision of the Piperarborenines: When Photochemistry Meets C-H Activation.

Angew. Chem. **2012**, 124, 2869-2871

Angew. Chem. Intern. Ed. **2012**, 51, 2815-2817

26) Igor Dias Jurberg, Bo Peng, Eckhard Wöstefeld, Maximilian Wasserloos and Nuno Maulide*
Intramolecular Redox-Triggered C-H Functionalisation.

Angew. Chem. Int. Ed. **2012**, 51, 1950-1953

Angew. Chem. **2012**, 124, 1986-1989

(Selected as a **Hot paper** by the Editorial Team)

25) Xueliang Huang, Sebastian Klimczyk and Nuno Maulide*

Charge-Accelerated Sulfonium [3,3]-Sigmatropic Rearrangements.

Synthesis **2012**, 175-183.

2011

24) Marco Luparia, Maria Teresa Oliveira, Davide Audisio, Frédéric Frébault and Nuno Maulide*
Catalytic Asymmetric Diastereodivergent Deracemisation.

Angew. Chem. Intern. Ed. **2011**, 50, 12631-12635.

Angew. Chem. **2011**, 123, 12840-12844.

Highlighted in: *Nature Chemistry* **2012**, 4, 4.

- 23) Xueliang Huang and Nuno Maulide*:
Metal-Free Arylation of Carbonyl Compounds with Sulfoxides.
J. Am. Chem. Soc. **2011**, *133*, 8510-8513.
- 22) Claire Madelaine, Viviana Valerio and Nuno Maulide*:
Keteniminium Salts: More Than the Nitrogen Analogues of Ketenes.
Chem. Asian J. **2011**, *6*, 2224-2239.
- 21) Viviana Valerio, Claire Madelaine and Nuno Maulide*:
Steering Reaction Pathways: From Benzyl Claisen Rearrangements to Powerful Ionic Shifts.
Chem. Eur. J. **2011**, *17*, 4742-4745.
- 20) Marco Luparia, Davide Audisio and Nuno Maulide*:
Palladium-Catalysed Synthesis of Stereodefined Cyclobutenes.
Synlett **2011**, 735-740.

2010

- 19) Frédéric Frébault, Maria Teresa Oliveira, Eckhard Wöstefeld and Nuno Maulide*:
A Concise Access to 3-Substituted 2-Pyrones.
J. Org. Chem. **2010**, *75*, 7962-7965.
- 18) Nuno Maulide*:
A Feast and a Reflection on Organocatalysis - Notes from the ISOμ in Mülheim.
Eur. J. Org. Chem. **2010**, *34*, 6491-6493 Conference Report.
- 17) Xueliang Huang, Richard Goddard and Nuno Maulide*:
A Direct Ylide Transfer to Carbonyl Derivatives and Heteroaromatic Compounds.
Angew. Chem. Int. Ed. **2010**, *49*, 8979-8983.
Direkter Ylidtransfer auf Carbonylverbindungen und Heteroarene
Angew. Chem. **2010**, *122*, 9163-9167.
- 16) Sónia Barroso, Ana M. Abreu, Ana C. Araújo, Ana M. Coelho, Nuno Maulide* and Ana M. Martins*:
Three-component Mannich couplings en route to substituted aminophenol and benzoxazine derivatives.
Synlett **2010**, *16*, 2425-2428.
- 15) Frédéric Frébault, Marco Luparia, Maria Teresa Oliveira, Richard Goddard and Nuno Maulide*:
A Versatile and Stereoselective Synthesis of Functionalized Cyclobutenes.
Angew. Chem. Int. Ed. **2010**, *49*, 5672-5676.
Eine vielseitige und stereoselektive Synthese funktionalisierter Cyclobutene.
Angew. Chem. **2010**, *122*, 5807-5811.
- 14) Claire Madelaine, Viviana Valerio and Nuno Maulide*:
Unexpected electrophilic rearrangements of amides: A stereoselective entry to challengingly substituted lactones.
Angew. Chem. Int. Ed. **2010**, *49*, 1583-1586.
Unerwartete nucleophile Umlagerung von Amidien: Ein stereoselektiver Zugang zu anspruchsvoll substituierten Lactonen.
Angew. Chem. **2010**, *122*, 1628-1631.

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13) Barry M. Trost*, Nuno Maulide and Michael T. Rudd:
Ruthenium-catalyzed cross-coupling of tertiary propargyl alcohols with ω -alkynenitriles: A regio- and stereoselective surrogate for an aldol condensation.
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2008

12) Barry M. Trost*, Jia Xie and Nuno Maulide:
Stereoselective, Dual-Mode Ruthenium-Catalyzed Ring-Expansion of Alkynylcyclopropanols.
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11) Barry M. Trost*, Nuno Maulide and Robert C. Livingston:
A Ruthenium-Catalyzed, Atom-Economical Synthesis of Nitrogen Heterocycles.
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10) Rui F. Munhá, Luís G. Alves, Nuno Maulide, M. Teresa Duarte, István E. Markó, Michael D. Fryzuk and Ana M. Martins*:
trans-Disubstituted diamido/diamine cyclam zirconium complexes.
Inorg. Chem. Comm. **2008**, *11*, 1174-1178.

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9) Nuno Maulide, Jean-Christophe Vanherck, Arnaud Gautier and István E. Markó*:
Mild and Neutral Deprotections Catalyzed by Cerium(IV) Ammonium Nitrate.
Acc. Chem. Res. **2007**, *40*, 381-392.

8) Nuno Maulide and István E. Markó*:
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Org. Lett. **2007**, *9*, 3757-3760.

2006

7) Jyh-Hsiung Liao, Nuno Maulide, Benoît Augustyns and István E. Markó*:
Tandem radical rearrangement / Pd-catalysed translocation of bicyclo[2.2.2]lactones. An efficient access to the oxa-triquinane core structure.
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6) Nuno Maulide and István E. Markó*:
2-(Trimethylsilyloxy)furan as a Dianion Equivalent: a Two-Step Synthesis of Functionalised Spirocyclic Butenolides.
Org. Lett. **2006**, *8*, 3705-3707.

5) Nuno Maulide and István E. Markó*:
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4) Nuno Maulide and István E. Markó*:

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3) Benoît Augustyns, Nuno Maulide and István E. Markó*:

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2) Nicolas Heures, Mélanie Marchant, Nuno Maulide, Guillaume Berthon-Gelloz, Christophe Hermans, Sébastien Hermant, Eleonóra Kiss, Bernard Leroy, Pierre Wasnaire and István E. Markó*:

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1) Nuno Maulide, Jean-Christophe Vanherck and István E. Markó*:

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Eur. J. Org. Chem. **2004**, *19*, 3962-3967.