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Date of birth: Jan 6, 1977
Nationalities: Belgian & French

RESEARCH INTERESTS

Synthetic chemistry with particular emphasis on natural product synthesis, copper-catalyzed reactions, photoredox catalysis, organometallic chemistry and chemistry of ynamides and reactive intermediates.

EDUCATION & RESEARCH EXPERIENCE

- Since 2023 Principal Investigator, WEL Research Institute;
- Since 2012 Professor, Head of the Laboratory of Organic Chemistry, Université libre de Bruxelles;
- 2009 Habilitation, Université de Versailles Saint Quentin en Yvelines, defended June 15, 2009;
- 2004-2011 Assistant professor ("chargé de recherche CNRS") at the Lavoisier Institute (University of Versailles, France);
- 2002 - 2003 Research assistant with Pr. James Panek, Boston University, USA;
- 1999 - 2002 PhD in Organic Chemistry, Université Pierre et Marie Curie, Laboratoire de Synthèse Asymétrique, Paris, France. Advisors: Pr. Claude Agami and Pr. Francois Couty; defended June 28, 2002;
- 2000 Master's Degree in Chemistry, Ecole Normale Supérieure Ulm, Paris, France;
- 1999 Master's Degree in Organic and Bioorganic Chemistry ("DEA"), Université Pierre et Marie Curie, Paris, France;
- 1998 Bachelor of Science in Chemistry, Ecole Normale Supérieure Ulm, Paris, France.

CONSULTING

Industrial consultant to Sanofi (world) since 2020, Solvay then Syensqo (France) since 2018 and to L'Oréal Research & Innovation (France) from 2014 to 2019; Occasional consultant to Solvay (Belgium), Galapagos (Belgium), Janssen Pharmaceuticals NV (Belgium), UCB Pharma (Belgium), Minakem (Belgium & France), Galderma (France), Servier (France), Oril (France), Mithra Pharmaceuticals (Belgium), Syngenta (Switzerland) and Eli-Lilly (United Kingdom).

EDITORIAL ACTIVITIES

- Associate Editor of *Frontiers (Organic Chemistry)*;
- Member of the International Advisory Board of the *European Journal of Organic Chemistry*;
- Member of the Editorial Board of *Chimie Nouvelle*, the journal of the Belgian Royal Society of Chemistry;
- Volume Editor for the 4th edition of *Comprehensive Heterocyclic Chemistry* (Elsevier);
- Guest Editor of the Thematic Issue on *Copper-Catalyzed Reactions for Organic Synthesis* for the Beilstein Journal of Organic Chemistry;
- 09/2016-02/2018: Editor-in-Chief of *Letters in Organic Chemistry* (Bentham Science).

TEACHING

Courses (Jan. 2004-present)

- Organic Chemistry (B.S. level);
- Advanced Organic Chemistry (M.S. level);
- Organometallic Chemistry (M.S. level);
- Introduction to Medicinal Chemistry (M.S. Level).

SCIENTIFIC ANIMATION

- Member of the Organizing Committee of the *Belgian Organic Synthesis Symposium (BOSS)*;
- Member of the Scientific Committee of the *Merck Organic Chemistry Symposium*;
- President of the Brussels' Section and of the Division of Organic and Bioorganic Chemistry of the Belgian Royal Society of Chemistry.

HONORS & AWARDS

- French Medicinal Society - Servier Laboratories 2002 Award for Vocation in Medicinal Chemistry;
- CNRS Bronze Medal 2007;
- Thieme Chemistry Journal Award 2008;
- Acros Prize 2011, Division of Organic Chemistry of the French Chemical Society;
- 2013 David Ginsburg Memorial Lectureship of the Technion – Israel Institute of Technology;
- 2017 Triennial Prize of the Belgian Royal Society of Chemistry;
- Invited Professor (Joliot Chair) at the École supérieure de physique et de chimie industrielles de la ville de Paris (ESPCI), November 2019.

SEMINARS & LECTURES

114 invited seminars and 42 plenary lectures.

PUBLICATIONS *click on the reference to access the publication*

- **1999**
 1. *Selective N-Dealkylation of Tertiary Amines Derived from Phenylglycinol or Ephedrine Family*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron Lett.* **1999**, *40*, 3709-3712.
- **2000**
 2. *Synthesis of α -Substituted Allylic Amines via a Modified Bruylants Reaction*, Agami, C.; Couty, F.; Evano, G. *Org. Lett.* **2000**, *2*, 2085-2088.

3. *S_N2' Regio and Stereoselective Alkylation of Allylic and Propargylic Mesylates Linked to a N-Boc Oxazolidine using Organocuprates*, Agami, C.; Couty, F.; Evano, G.; Mathieu, H. *Tetrahedron* **2000**, *56*, 367-376.
 4. *Claisen Rearrangement of Allylic Alcohols Prepared through N-Boc-2-acyloxazolidine Methodology. Application to the Synthesis of Trisubstituted Cyclopropanes*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron Lett.* **2000**, *41*, 8301-8305.
 5. *Enantioselective Synthesis of 2-Substituted-N-Boc-Δ-4,5-piperidines*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron: Asymmetry* **2000**, *11*, 4639-4643.
- **2002**
 6. *Claisen Rearrangement of Allylic and Propargylic Alcohols Prepared through N-Boc-2-Acyloxazolidines Methodology. Application to the Synthesis of Original Chiral Building Blocks*, Agami, C.; Couty, F.; Evano, G. *Eur. J. Org. Chem.* **2002**, 29-38.
 7. *Some Uses of N-Boc-2-acyloxazolidines in Asymmetric Synthesis*, Couty, F.; Evano, G.; Matthieu, H.; Rabasso, N.; Venier, O. *l'Actualité Chimique* **2002**, *249*, 13-18.
 8. *A Straightforward Synthesis of Enantiopure 2-Cyanoazetidines from β-Aminoalcohols*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron: Asymmetry* **2002**, *13*, 297-302.
 - **2003**
 9. *Enantioselective Synthesis of Clavepictine Analogues and Evaluation of their Cytotoxic Activity*, Agami, C.; Couty, F.; Evano, G.; Darro, F.; Kiss, R. *Eur. J. Org. Chem.* **2003**, 2062-2070.
 10. *Synthesis of Enantiopure Azetidine-2-carboxylic Acids and their Incorporation into Peptides*, Couty, F.; Evano, G.; Rabasso, N. *Tetrahedron: Asymmetry* **2003**, *14*, 2407-2412.
 - **2004**
 11. *A Convergent Synthesis of the Macrocyclic Core of Cytotrienins: Application of RCM for Macrocyclization*, Evano, G.; Schaus, J. V.; Panek, J. S. *Org. Lett.* **2004**, *5*, 525-528.
 12. *Synthesis of Chiral Non Racemic Azetidines*, Couty, F.; Evano, G.; Prim, D. *Mini-Rev. Org. Chem.* **2004**, *1*, 133-148.
 13. *Synthesis and Reactivity of Enantiomerically Pure N-Alkyl-2-alkenyl Azetidinium Salts*, Couty, F.; Durrat, F.; Evano, G.; Prim, D. *Tetrahedron Lett.* **2004**, *45*, 7525-7528.
 14. *General Route to a New Class of Homochiral Azetidine-Derived 1,2-Diamines*, Couty, F.; Evano, G.; Prim, D.; Marrot, J. *Eur. J. Org. Chem.* **2004**, 3893-3897.
 - **2005**
 15. *N-Cyanomethyl-β-chloroamines: A Convenient Source of Aziridinium Ions*, Couty, F.; Evano, G.; Prim, D. *Tetrahedron Lett.* **2005**, *46*, 2253-2257.
 16. *Azetidine Motifs as Ligand in the Pd(II) Complexes Series*, Keller, L.; Vargas Sanchez, M.; Prim, D.; Couty, F.; Evano, G.; Marrot, J. *J. Organomet. Chem.* **2005**, *690*, 2306-2311.
 17. *Regioselective Nucleophilic Opening of Azetidinium Ions*, Couty, F.; Durrat, F.; Evano, G. *Synlett* **2005**, 1666-1670.
 18. *Azetidinic Amino Acids: Stereocontrolled Synthesis and Pharmacological Characterization as Ligands for the Glutamate Receptors and Transporters*, Bräuner-Osborne, H.; Bunch, L. Chopin, N., Couty, F.; Evano, G.; Jensen, A. A.; Kusk, M.; Nielsen, B.; Rabasso, N. *Org. Biomol. Chem.* **2005**, 3926-3936.
 19. *Practical Asymmetric Preparation of Azetidine-2-carboxylic Acid*, Couty, F.; Evano, G.; Vargas-Sanchez, M.; Bouzas, G. *J. Org. Chem.* **2005**, *70*, 9028-9031.
 20. *Total Synthesis of Reblastatin*, Wrona, I.; Gabarda, A.; Evano, G.; Panek, J. S. *J. Am. Chem. Soc.* **2005**, *127*, 15026-15027 (highlighted in *Synfacts*, **2006**, 312).
 21. *3-Aminopyrrolidines via Ring Rearrangement of 2-Aminomethylazetidines. Synthesis of (-)-Absoulone*, Vargas-Sanchez, M.; Couty, F.; Evano, G.; Prim, D.; Marrot, J. *Org. Lett.* **2005**, *6*, 5861-5864.
 - **2006**
 22. *Stereocontrolled Synthesis of 3-Substituted Azetidinic Amino Acids*, Sivaprakasam, M.; Couty, F.; Evano, G.; Srinivas, B.; Sridhar, R.; Rama Rao, K. *Synlett* **2006**, 781-785.
 23. *N-Cyanomethyl-β-chloro Amines: Chiral Building Blocks for the Synthesis of Azacrown Ethers*, Couty, F.; Evano, G.; Menguy, L.; Steimetz, V.; Toumi, M. *Tetrahedron Lett.* **2006**, *47*, 4817-4821.

24. *Nucleophilic Ring-Opening of Azetidinium Ions: Insights into Regioselectivity*, Couty, F.; David, O.; Durrat, F.; Evano, G.; Lakhdar, S.; Marrot, J.; Vargas-Sanchez, M. *Eur. J. Org. Chem.* **2006**, 3479-3490.
25. *Ring Expansions of 2-Alkenylazetidinium Salts – a New Route to Pyrrolidines and Azepanes*, Couty, F.; Durrat, F.; Evano, G.; Marrot, J. *Eur. J. Org. Chem.* **2006**, 4214-4223.
26. *Azetidine-2-Carboxylic Acid. From Lily of the Valley to Key Pharmaceuticals. A Jubilee Review*, Couty, F.; Evano, G. *Org. Prep. Proced. Int.* **2006**, 38, 427-465.
27. *Reaction of Azetidines with Chloroformates*, Vargas-Sanchez, M.; Lakhdar, S.; Couty, F.; Evano, G. *Org. Lett.* **2006**, 8, 5501-5504.
- **2007**
28. *Total Synthesis of Paliurine F*, Toumi, M.; Couty, F.; Evano, G. *Angew. Chem. Int. Ed.* **2007**, 46, 572-575 (with cover picture, highlighted in *Synfacts* **2007**, 571).
29. *A Straightforward Synthesis of 3-Substituted Azetidinic Amino Acids*, Sivaprakasam, M.; Couty, F.; Evano, G.; Srinivas, B.; Sridhar, R.; Rama Rao, K. *Arkivoc* **2007**, Part (x): Commemorative Issue in Honor of Prof. Alain Krief on the occasion of his 65th Anniversary, 71-93.
- **2008**
30. *Total Synthesis of the Cyclopeptide Alkaloid Abyssenine A. Application of Inter- and Intramolecular Copper-Mediated Coupling Reactions in Organic Synthesis*, Toumi, M.; Couty, F.; Evano, G. *J. Org. Chem.* **2007**, 72, 9003-9009 (with cover picture, highlighted in *Synfacts*, **2008**, 338).
31. *Eight Steps Total Synthesis of the Cyclopeptide Alkaloid Mucronine E*, Toumi, M.; Couty, F.; Evano, G. *Synlett* **2008**, 29-32.
32. *A Practical Route to Enantiopure 3-Hydroxy-pyrrolidines: Application to a Straightforward Synthesis of (-)-Bulgecinine*, Toumi, M.; Couty, F.; Evano, G. *Tetrahedron Lett.* **2008**, 49, 1175-1179.
33. *Total Synthesis of the Cyclopeptide Alkaloid Paliurine E. Insights into Macrocyclization by Ene-enamide RCM*, Toumi, M.; Couty, F.; Evano, G. *J. Org. Chem.* **2008**, 73, 1270-1281.
34. *Rearrangement of 2-Hydroxyalkylazetidines into 3-Fluoropyrrolidines*, Drouillat, B.; Couty, F.; David, O.; Evano, G.; Marrot, J. *Synlett* **2008**, 1345-1348.
35. *Ring Expansion of 2-(α -Hydroxyalkyl)azetidines: A Synthetic Route to Functionalized Pyrrolidines*. Durrat, F.; Vargas-Sanchez, M.; Couty, F.; Evano, G.; Marrot, J. *Eur. J. Org. Chem.* **2008**, 3286-3297.
36. *Copper-Mediated Coupling Reactions and Their Applications in Natural Products and Designed Biomolecules Synthesis*, Evano, G.; Blanchard, N.; Toumi, M. *Chem. Rev.* **2008**, 108, 3054-3131.
37. *Amino Acids and Copper(I): Application to the Synthesis of Cyclopeptide Alkaloids*, Evano, G.; *l'Actualité Chimique* **2008**, 322, 20-26.
38. *Copper-Catalyzed Cyclization of Iodo-tryptophans: A Straightforward Synthesis of Pyrroloindoles*, Coste, A.; Toumi, M.; Wright, K.; Razafimahalo, V.; Couty, F.; Marrot, J.; Evano, G. *Org. Lett.* **2008**, 10, 3841-3844.
39. *Total Synthesis of Chaetominine*, Toumi, M.; Couty, F.; Marrot, J.; Evano, G. *Org. Lett.* **2008**, 10, 5027-5030.
40. *TMC-95A-D: Chemistry and Biology*, Coste, A.; Couty, F.; Evano, G. *C. R. Chimie* **2008**, 11, 1544-1573, special issue on "Natural Products with Anticancer Properties".
- **2009**
41. *Copper-Mediated Coupling of 1,1-Dibromo-1-alkenes with Nitrogen Nucleophiles: A General Method for the Synthesis of Ynamides*, Coste, A.; Karthikeyan, G.; Couty, F.; Evano, G. *Angew. Chem. Int. Ed.* **2009**, 48, 4381-4385 (highlighted in *Synfacts*, **2009**, 907).
42. *Copper-Catalyzed Cyclization Reactions for the Synthesis of Alkaloids*, Evano, G.; Toumi, M.; Coste, A. *Chem. Commun.* **2009**, 4166-4175.



43. *A General Route to Cyclopeptide Alkaloids: Total Syntheses and Biological Evaluation of Paliurines E and F, Ziziphines N and Q, Abysenine A, Mucronine E, and Analogues*, Toumi, M.; Rincheval, V.; Young, A.; Gergeres, D.; Turos, E.; Couty, F.; Mignotte, B.; Evano, G. *Eur. J. Org. Chem.* **2009**, 3368-3386.
44. *Second-Generation, Biomimetic Total Synthesis of Chaetominine*, Coste, A.; Karthikeyan, G.; Couty, F.; Evano, G. *Synthesis* **2009**, 2927-2934, special issue on "Natural Product Synthesis".
45. *Synthesis of Ketene N,N-Acetals by Copper-Catalyzed Double-Amidation of 1,1-Dibromo-1-alkenes*, Coste, A.; Couty, F.; Evano, G. *Org. Lett.* **2009**, *11*, 4454-4457.
46. *Azetidines: New Tools for the Synthesis of Nitrogen Heterocycles*, Couty, F.; Evano, G. *Synlett* **2009**, 3053-3064.
- **2010**
47. *Ynamides: Versatile Tools in Organic Synthesis*, Evano, G.; Coste, A.; Jouvin, K. *Angew. Chem. Int. Ed.* **2010**, *49*, 2840-2859.
48. *Copper-Mediated Homocoupling of Vinyl Dibromides to Symmetrical Diynes*, Coste, A.; Couty, F. Evano, G. *Synthesis* **2010**, 1500-1504.
49. *Synthesis of the Azetidiny-Thiazoline Fragment of Vioprolides A and C*, Chopin, N.; Couty, F.; Evano, G. *Lett. Org. Chem.* **2010**, *7*, 353-359.
50. *Synthesis of Ynamides by Copper-Mediated Coupling of 1,1-Dibromo-1-alkenes with Nitrogen Nucleophiles. Preparation of N-Benzyl-N-4-toluenesulfonyl-phenylethynylamine*, Coste, A.; Couty, F.; Evano, G. *Org. Synth.* **2010**, *87*, 231-244.
51. *Copper-Catalyzed Alkynylation of Amides with Potassium Alkynyltrifluoroborates: A Room-Temperature, Base-Free Synthesis of Ynamides*, Jouvin, K.; Couty, F.; Evano, G. *Org. Lett.* **2010**, *12*, 3272-3275.
52. *Organic Azides – Syntheses and Applications. By S. Bräse and K. Banert*, Evano, G. *Angew. Chem. Int. Ed.* **2010**, *49*, 6025.
53. *Vinyl Dibromides: Versatile Partners in Cross-Coupling Reactions*, Legrand, F.; Jouvin, K. Evano, G. *Isr. J. Chem.* **2010**, *50*, 588-604, special issue on "Metal-Catalyzed Cross-Coupling Reactions".
- **2011**
54. *Copper-Mediated Cross-Coupling of 1,1-Dibromo-1-alkenes with Dialkylphosphites: a Convenient Synthesis of 1-Alkenylphosphonates*, Evano, G.; Tadiarthi, K.; Couty, F. *Chem. Comm.* **2011**, *47*, 179-181, special issue on "Emerging Investigators".
55. *Highly Regio- and Stereo- selective Nickel-Catalyzed Addition of Dialkylphosphites to Ynamides: an Efficient Synthesis of β -Amino Vinylphosphonates*, Fadel, A.; Legrand, F.; Evano, G.; Rabasso, N. *Adv. Synth. Catal.* **2011**, *353*, 263-267.
56. *Copper-Catalysed N-Alkynylation of Benzimidazoles and Indazoles*, Jouvin, K.; Evano, G. *Chimica Oggi - Chemistry Today* **2011**, *29*, 31-33.
- **2012**
57. *Copper-Catalyzed Oxidative Alkynylation of Diaryl Imines with Terminal Alkynes: A Facile Synthesis of Ynimines*, Laouiti, A.; Rammah, M. M.; Rammah, M. B.; Marrot, J.; Couty, F.; Evano, G. *Org. Lett.* **2012**, *14*, 6-9.
58. *Click-Alkynylation of N- and P-Nucleophiles by Oxidative Cross-Coupling with Alkynylcopper Reagents: a General Synthesis of Ynamides and Alkynylphosphonates*, Jouvin, K.; Heimbürger, J.; Evano, G. *Chem. Sci.* **2012**, *3*, 756-760.
59. *Copper-Catalyzed Coupling of 1,1-Dibromo-1-alkenes with Phenols: A General, Modular, and Efficient Synthesis of Ynol Ethers, Bromo Enol Ethers, and Ketene Acetals*, Jouvin, K.; Bayle, A.; Legrand, F.; Evano, G. *Org. Lett.* **2012**, *14*, 1652-1655.
60. *Oxidative Alkynylation of Imines with Alkynylcopper Reagents: A Straightforward and Practical Entry to Ynimines*, Laouiti, A.; Jouvin, K.; Rammah, M. M.; Rammah, M. B.; Evano, G. *Synthesis* **2012**, *44*, 1491-1500, special issue on "Copper in Organic Synthesis".
61. *Stereoselective Hydrofluorination of Ynamides: a Straightforward Synthesis of Novel α -Fluoroenamides*, Compain, G.; Jouvin, K.; Martin-Mingot, A.; Evano, G.; Marrot, J.; Thibaudeau, S. *Chem. Commun.* **2012**, *48*, 5196-5198.



62. *De Novo Synthesis of 1,4-Dihydropyridines and Pyridines*, Gati, W.; Rammah, M. M.; Rammah, M. B.; Couty, F.; Evano, G. *J. Am. Chem. Soc.* **2012**, *134*, 9078-9081 (highlighted in *Synfacts* **2012**, 900 and *organic-chemistry.org*).
63. *Copper-Mediated Selective Cross-Coupling of 1,1-Dibromo-1-alkenes and Heteronucleophiles: Development of General Routes to Heterosubstituted Alkynes and Alkenes*, Jouvin, K.; Coste, A.; Bayle, A.; Legrand, F.; Karthikeyan, G.; Tadiparthi, K.; Evano, G. *Organometallics* **2012**, *31*, 7933-7947, special issue on "Copper Organometallic Chemistry".
64. *Intramolecular Carbolithiation of N-Allyl-ynamides: an Efficient Entry to 1,4-Dihydropyridines and Pyridines - Application to a Formal Synthesis of Sarizotan*, Gati, W.; Rammah, M. M.; Rammah, M. B.; Evano, G. *Beilstein J. Org. Chem.* **2012**, *8*, 2214-2222, thematic issue on "Carbometallation Chemistry".
- **2013**
65. *General Amination Reactions for the Synthesis of Ynamides*, Evano, G.; Jouvin, K.; Coste, A. *Synthesis* **2013**, *45*, 17-26.
66. *Expanding the Oxidative Chemistry of Organocopper Reagents: Facile Oxidative Cross-Coupling of Copper Acetylides with Arylboronic Acids*, Verna, F.; Pous, J.; Evano, G. *Monatsh. Chem.* **2013**, *144*, 523-529, special issue on "4th Young Investigator Workshop".
67. *2-Cyanoazetidines and Azetidinium Ions: Scaffolds for Molecular Diversity*, Couty, F.; Drouillat, B.; Evano, G.; David, O. *Eur. J. Org. Chem.* **2013**, 2045-2056.
68. *Intramolecular Carbocupration of N-Aryl-ynamides: A Modular Indole Synthesis*, Gati, W.; Couty, F.; Boubaker, T.; Rammah, M. M.; Rammah, M. B.; Evano, G. *Org. Lett.* **2013**, *15*, 3122-3125 (highlighted in *Synfacts* **2013**, 9, 995).
69. *Unprecedented Synthesis of Alkynylphosphine-boranes through Room-Temperature Oxidative Alkynylation*, Jouvin, K.; Veillard, R.; Theunissen, C.; Alayrac, C.; Gaumont, A.-C.; Evano, G. *Org. Lett.* **2013**, *15*, 4592-4595.
70. *Impact of Copper Catalysis in Natural Product Synthesis: the Emergence of New Retrosynthetic Paradigms*, Evano, G.; Theunissen, C.; Pradal, A. *Nat. Prod. Rep.* **2013**, *30*, 1467-1489 (with cover picture).
71. *Le Cuivre : un Métal Redoutablement Efficace en Synthèse Organique*, Evano, G.; Guissart, C.; Theunissen, C.; Zahim, S.; Duhirwe, G.; Henry, N.; Lecomte, M.; Nitelet, A. *Chimie Nouvelle* **2013**, 11-12.
- **2014**
72. *Metal-Catalyzed Synthesis of Hetero-Substituted Alkenes and Alkynes*, Evano, G.; Gaumont, A.-C.; Alayrac, C.; Wrona, I. E.; Giguere, J. R.; Delacroix, O.; Bayle, A.; Jouvin, K.; Theunissen, C.; Gatignol, J.; Silvanus, A. C. *Tetrahedron (Report)* **2014**, *70*, 1529-1616.
73. *A Convergent Synthesis of the Fully Elaborated Macrocyclic Core of TMC-95A*, Coste, A.; Bayle, A.; Marrot, J.; Evano, G. *Org. Lett.* **2014**, *16*, 1306-1309.
74. *Convenient and Practical Alkynylation of Heteronucleophiles with Copper Acetylides*, Theunissen, C.; Lecomte, M.; Jouvin, K.; Laouiti, A.; Guissart, C.; Heimbürger, J.; Loire, E.; Evano, G. *Synthesis (PSP Article)* **2014**, *46*, 1157-1166.
75. *Practical Methods for the Synthesis of Trifluoromethylated Alkynes: Oxidative Trifluoromethylation of Copper Acetylides and Alkynes*, Tresse, C.; Guissart, C.; Schweizer, S.; Bouhoute, Y.; Chany, A.-C.; Goddard, M.-L.; Blanchard, N.; Evano, G. *Adv. Synth. Catal.* **2014**, *356*, 2051-2060.
76. *Hydrocarbation of C≡C Bonds: Quantification of the Nucleophilic Reactivity of Ynamides*, Laub, H. A.; Evano, G.; Mayr, H. *Angew. Chem. Int. Ed.* **2014**, *53*, 4968-4971.
77. *Exploring the Anionic Reactivity of Ynimines, Useful Precursors of Metalated Ketanimines*, Laouiti, A.; Couty, F.; Marrot, J.; Boubaker, T.; Rammah, M. M.; Rammah, M. B. Evano, G. *Org. Lett.* **2014**, *16*, 2252-2255 (highlighted in *Synfacts* **2014**, 10, 740).
78. *Turning Unreactive Copper Acetylides into Remarkably Powerful and Mild Alkyne Transfer Reagents by Oxidative Umpolung*, Evano, G.; Jouvin, K.; Theunissen, C.; Guissart, C.; Laouiti, A.; Tresse, C.; Heimbürger, J.; Bouhoute, Y.; Veillard, R.; Lecomte, M.; Nitelet, A.; Schweizer, S.; Blanchard, N.; Alayrac, C.; Gaumont, A.-C. *Chem. Commun.* **2014**, *50*, 10008-10018 (highlighted in *organic-chemistry.org*).

79. *Keteniminium Ion-Initiated Cascade Cationic Polycyclization*, Theunissen, C.; Metayer, B.; Henry, N.; Compain, G.; Marrot, J.; Martin-Mingot, A.; Thibaudeau, S.; Evano, G. *J. Am. Chem. Soc.* **2014**, *136*, 12528-12531 (with cover picture and highlighted in *JACS Spotlight 2014*, *136*, 12515).
80. *Room-Temperature Direct Alkynylation of Arenes with Copper Acetylides*, Theunissen, C.; Evano, G. *Org. Lett.* **2014**, *16*, 4488-4491.
81. *A Vinylic Rosenmund-von Braun Reaction: Practical Synthesis of Acrylonitriles*, Pradal, A.; Evano, G. *Chem. Commun.* **2014**, *50*, 11907-11910 (highlighted in *organic-chemistry.org*).
- **2015**
82. *Chemo- and Stereoselective Synthesis of Fluorinated Enamides from Ynamides in HF/pyridine: Second-Generation Approach to Potent Ureas Bioisosters*, Metayer, B.; Compain, G.; Jouvin, K.; Martin-Mingot, A.; Bachmann, C.; Marrot, J.; Evano, G.; Thibaudeau, S. *J. Org. Chem.* **2015**, *80*, 3397-3410 (with cover picture).
83. *Stereodivergent Hydrogermylations of α -Trifluoromethylated Alkynes and Their Applications in Cross-Coupling Reactions*, Schweizer, S.; Tresse, C.; Bisseret, P.; Lalevée, J.; Evano, G.; Blanchard, N. *Org. Lett.* **2015**, *17*, 1794-1797 (highlighted in *Synfacts 2015*, *11*, 639).
84. *Ynamides: Powerful and Versatile Reagents for Chemical Synthesis*, Evano, G.; Theunissen, C.; Lecomte, M. *Aldrichimica Acta* **2015**, *48*, 59-70.
- **2016**
85. *Room Temperature Alkynylation of Phosphine Oxides with Copper Acetylides: Practical Synthesis of Alkynylphosphine Oxides*, Gérard, P.; Veillard, R.; Alayrac, C.; Gaumont, A.-C.; Evano, G. *Eur. J. Org. Chem.* **2016**, 633-638 (with cover picture).
86. *Triflate-Functionalized Calix[6]arenes as Versatile Building-Blocks: Application to the Synthesis of an Inherently Chiral Zn(II) Complex*, Zahim, S.; Lavendomme, R.; Reinaud, O.; Luhmer, M.; Evano, G.; Jabin, I. *Org. Biomol. Chem.* **2016**, *14*, 1950-1957.
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