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Education

B.Sc. 2003 Department of Chemistry, National and Kapodistrian University of Athens.

Ph.D. 2007 Department of Chemistry, University of Bristol, UK.

Title of PhD Thesis (Organic Synthetic Chemistry): Applications of Sulfur Ylides in Asymmetric Synthesis, Supervisor: Professor Varinder K. Aggarwal.

Professional Experience

2007-2008 Postdoctoral Researcher, Laboratory of Organic Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Greece.

2008-2009 Postdoctoral Researcher, Department of Chemistry, Princeton University, USA, David W. C. MacMillan.

2009-2010 Military Service: Naval Base of Crete, Chania, Greece, Served my military service in Greek Navy providing Gas Free Certificates, allowing repairs in Battleships.

2010-2014 Independent Postdoctoral Researcher, Laboratory of Organic Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Greece, GSRT Post-doctoral Research Grant, title: "PEPCAT-Novel Organocatalysts Based on Peptides and Amino Acids and their Application in Asymmetric Organic Transformations".

2014-2016 Lecturer, Laboratory of Organic Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Greece.

2016-2020 Assistant Professor, Laboratory of Organic Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Greece.

2020-today Associate Professor, Laboratory of Organic Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Greece.

2017-2018 Member of the Founding General Assembly of the Greek Institute of Research and Innovation (HFRI).

2017-today Greek Representative in the Organic and Biomolecular Division of IUPAC.

2018-today Greek Representative in the EuCheMS, Division of Organic Chemistry.

Publications 2020

1. E. Voutyritsa, **C. G. Kokotos***. Green Metal-Free Photochemical Hydroacylation of Unactivated Olefins **Angew. Chem. Int. Ed.**, 2020, 59, 1735-1741. (Impact factor: 12.96)
2. N. F. Nikitas, D. I. Tzaras, I. Triandafillidi, **C. G. Kokotos***. Photochemical oxidation of benzylic primary and secondary alcohols utilizing air as the oxidant **Green Chem.**, 2020, 22, 471-477. (Impact factor: 9.48)
3. N. Spiliopoulou, N. F. Nikitas, **C. G. Kokotos***. Photochemical synthesis of acetals utilizing Schreiner's thiourea as the catalyst **Green Chem.**, 2020, 22, 3539-3545. (Impact factor: 9.48)
4. M. A. Theodoropoulou, N. F. Nikitas, **C. G. Kokotos***. Aldehydes as powerful initiators for photochemical transformations **Beilstein J. Org. Chem.**, 2020, 16, 833-857. (Impact factor: 2.62)
5. G. N. Papadopoulos, M. G. Kokotou, N. Spiliopoulou, N. F. Nikitas, E. Voutyritsa, D. I. Tzaras, N. Kaplaneris, **C. G. Kokotos***. Phenylglyoxylic Acid: An Efficient Initiator for the Photochemical Hydrogen Atom Transfer (HAT) C-H Functionalization of Heterocycles **ChemSusChem**, 2020, DOI: 10.1002/cssc.202001892. (Impact factor: 7.96)
6. E. Voutyritsa, M. Garreau, M. G. Kokotou, I. Triandafillidi, J. Waser*, **C. G. Kokotos***. Photochemical Functionalization of Heterocycles with EBX Reagents; C-H Alkynylation versus Deconstructive Ring Cleavage **Chem. Eur. J.**, 2020, DOI: 10.1002/chem.202002868. (Impact factor: 4.86)
7. N. Spiliopoulou, C. T. Constantinou, I. Triandafillidi*, **C. G. Kokotos***. Synthetic Approaches to Acyl Hydrazides and Their Use as Synthons in Organic Synthesis" **Synthesis**, 2020, 22, DOI: 10.1055/s-0040-1707394. (Impact factor: 2.68)

CHAPTERS IN BOOKS 2020

1. I. Triandafillidi, E. Voutyritsa, **C. G. Kokotos**. Recent advances in reactions promoted by amino acids and oligopeptides, Chapter 2, *ORGANOCATALYSIS: STEREOSELECTIVE REACTIONS AND APPLICATIONS IN ORGANIC SYNTHESIS*, Eds. M. Benaglia, De Gruyter, 2020.

2. N. Spiliopoulou, N. F. Nikitas, **C. G. Kokotos**. Sulfur Ylides as C1 Homologating Reagents, Chapter 2, *Homologation Reactions. Reagents, Applications and Mechanisms*, Ed. V. Pace, Wiley-VCH, 2020.