ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΧΡΙΣΤΟΦΟΡΟΣ ΚΟΚΟΤΟΣ

Αναπληρωτής Καθηγητής

Εργαστήριο Οργανικής Χημείας

Τμήμα Χημείας

ΕΚΠΑ

Ιανουάριος 2023

Δρ. Χριστόφορος Γ. Κόκοτος

Ημερομηνία γεννήσεως: 24 Σεπτεμβρίου 1981
Όνομα Πατρός: Γεώργιος-Ισίδωρος
Τόπος γεννήσεως: Αθήνα
Διεύθυνση Εργασίας: Εργαστήριο Οργανικής Χημείας
Τμήμα Χημείας
Εθνικό και Καποδιστριακό
Πανεπιστήμιο Αθηνών
Πανεπιστημιούπολη, Αθήνα
Ελλάδα
Τηλέφωνο Εργασίας: +30 210 7274271, 7274281
Κινητό Τηλέφωνο: +30 6937921278
Email address: ckokotos@chem.uoa.gr
Webpage: https://scholar.google.gr/citations?user=t8PVKDAAAAAJ&hl=el
http://www.chem.uoa.gr/?page_id=2898&lang=el
Orchid: 0000-0002-4762-7682

Σπουδές

Σεπτέμβριος 1999-Ιούνιος 2003
***Πτυχίο Χημείας*, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών**.
Βαθμός πτυχίου: 8.02

Οκτώβριος 2003-Ιανουάριος 2007
Διδακτορικό Οργανικής Χημείας, University of Bristol, Department of Chemistry, UK, Applications of Sulfur Ylides in Asymmetric Synthesis, Prof. Varinder K. Aggarwal.

Επαγγελματική Εμπειρία

Αύγουστος 2020- σήμερα
Εργαστήριο Οργανικής Χημείας, Τμήμα Χημείας, ΕΚΠΑ, Αναπληρωτής Καθηγητής.

Ιούνιος 2016- Αύγουστος 2020
Εργαστήριο Οργανικής Χημείας, Τμήμα Χημείας, ΕΚΠΑ, Επίκουρος Καθηγητής.

Ιανουάριος 2014- Ιούνιος 2016
<u>Εργαστήριο Οργανικής Χημείας, Τμήμα Χημείας, ΕΚΠΑ</u>, Λέκτορας.

Νοέμβριος 2010- Ιανουάριος 2014
<u>Εργαστήριο Οργανικής Χημείας, Τμήμα Χημείας, ΕΚΠΑ</u>,Εκλεγμένος Λέκτορας.

Νοέμβριος 2009- Νοέμβριος 2010
<u>Ναύσταθμος Κρήτης, Χανιά</u>, Στρατιωτική θητεία στο Πολεμικό Ναυτικό ως Χημικός Ναυτιλίας.

Οκτώβριος 2008- Σεπτέμβριος 2009
<u>Μεταδιδακτορική Έρευνα</u>, Princeton University, Department of Chemistry, USA. Enantioselective α-Functionalization of Aldehydes via Organocatalytic Linchpin Catalysis (Prof. D. W. C. MacMillan, Nobel Laureate in Chemistry 2021).

Ιανουάριος 2007- Σεπτέμβριος 2008
<u>Μεταδιδακτορική Έρευνα</u>, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών. Σύνθεση Αναστολέων της Φωσφολιπάσης A_2, Εφαρμογές Οργανοκατάλυσης και Βιοκατάλυσης στο Εργαστήριο Οργανικής Χημείας (Καθ. Γ. Κόκοτος).

Διοικητική Εμπειρία

Φεβρουάριος 2023- σήμερα: **Μέλος του International Advisory Board of Chemistry A European Journal.**

Νοέμβριος 2022- σήμερα: **Μέλος της Επιτροπής Πιστοποίησης του Μεταπτυχιακού Προγράμματος Σπουδων «Οργανική Χημεία και Εφαρμογές στη Χημική Βιομηχανία»**, Τμήμα Χημείας, ΕΚΠΑ.

Νοέμβριος 2022- σήμερα: **Μέλος της Επιτροπής Πιστοποίησης του Μεταπτυχιακού Προγράμματος Σπουδων «Κατάλυση και Εφαρμογές στη Χημική Βιομηχανία»**, Τμήμα Χημείας, ΕΚΠΑ.

Ιανουάριος 2021- σήμερα: **Μέλος του International Advisory Board of European Journal of Organic Chemistry.**

Νοέμβριος 2020- σήμερα: **Μέλος του 15-μελούς Τομεακού Ερευνητικού Συμβουλίου (ΤΕΣ) Φυσικών Επιστημών και Μαθηματικών του Εθνικού Συμβουλίου Έρευνας, Τεχνολογίας και Καινοτομίας (ΕΣΕΤΕΚ)**, εκπροσωπώντας τη Χημεία.

Σεπτέμβριος 2020- σήμερα: **Μέλος της ΕΔΕ του Μεταπτυχιακού Προγράμματος Σπουδων «Κατάλυση και Εφαρμογές στη Χημική Βιομηχανία»**, Τμήμα Χημείας, ΕΚΠΑ.

Ιανουάριος 2020- σήμερα: **Μέλος του Κέντρου Αριστείας «Σχεδιασμός και Ανάπτυξη Φαρμάκων»**, ΕΚΠΑ.

Ιανουάριος 2020- σήμερα: **Μέλος του Κέντρου Αριστείας «Ενέργεια-Ανανεώσιμες Μορφές της και Μεταφορά της»**, ΕΚΠΑ.

Ιανουάριος 2020- σήμερα: **Μέλος του Κέντρου Αριστείας «Φυσικά Προϊόντα»**, ΕΚΠΑ.

Νοέμβριος 2019- σήμερα: **Επιτροπή Σεμιναρίων**, Τμήμα Χημείας, ΕΚΠΑ.

Δεκέμβριος 2018- Ιανουάριος 2022: **Εθνικός Αντιπρόσωπος στην EuCheMS**, Division of Organic Chemistry. Μέλος της 5-μελούς επιτροπής για την επιλογή του κατάλληλου υποψηφίου για να δωθούν τα βραβεία "EuChemS Division of Organic Chemistry Young Investigator Award" (**2019, 2021, 2022**) και " EuChemS Female Organic Chemist of the Year" **(2022**).

Ιανουάριος 2017- Ιούνιος 2018: **Μέλος της Γενικής Συνέλευσης του Ελληνικού Ιδρύματος Έρευνας και Καινοτομίας (ΕΛΙΔΕΚ)**, αναπληρωματικό μέλος Ινστιτούτο Pasteur.

Ιανουάριος 2017- σήμερα: **Εθνικός Αντιπρόσωπος στην IUPAC**, Organic and Biomolecular Division.

Οκτώβριος 2015- Σεπτέμβριος 2020: **Μέλος Γενικής Συνέλευσης**, Τμήμα Χημείας, ΕΚΠΑ.

Βραβεία-Διακρίσεις

19) Βραβείο Φωτεινού από την Ακαδημία Αθηνών. Βραβείο για την προώθηση της Χημείας για την εργασία "Photochemical synthesis of acetals utilizing Schreiner's thiourea as the catalyst" N. Spiliopoulou, N. F. Nikitas and C. G. Kokotos*, *Green Chem.*, **2020**, *22*, 3539-3545, (Δεκέμβριος **2022**).

18) Chemical Science Reviewer Spotlight – Σεπτέμβριος 2022 (Royal Chemical Society, Chemical Science), Συνέντευξη: https://blogs.rsc.org/sc/2022/09/22/chemical-science-reviewer-spotlight-september-2022/

17) Chemistry Europe Fellow (Chemistry Europe) Αποτελεί το υψηλότερο βραβείο από την Chemistry Europe. Η απονομή γίνεται κάθε δύο έτη (Class of 2020-2022, **March 2022**). Μόνο 4 έχουν λαβει αυτή τη διάκριση στην Ελλάδα, 1^{ος} στην Οργανική Χημεία από την Ελλάδα. Συνέντευξη στο ChemistryViews: https://www.chemistryviews.org/how-karaoke-nights-serve-chemists-careers/

ChemistryViews' most viewed content published throughout the year 2022: https://www.chemistryviews.org/the-content-you-liked-best-in-2022/?elq_mid=67330&elq_cid=8179883&utm_campaign=41509&utm_source=eloquaEmail&utm_medium=email&utm_content=20230105_Weekly_ChemistryViews.html&fbclid=IwAR3hhP4JTnSgqceuGPopcPYfiSr4eD_8-W2LuQBqQ36ouOPGnYpnTR1_f8U, Συνέντευξη στα Χημικά Χρονικά: https://www.eex.gr/news/anakoinwseis/2802-teuxos-iouliou-augoustou-2022?fbclid=IwAR0u2WxDQe9VmHzM6UIJeU3_Uy_O2O6HykCm7yAqHK2sZyfdvTQQ5eW_4m8.

16) Μέλος του top 2% παγκοσμίως των Επιστημόνων στην Οργανική Χημεία για το έτος 2021, (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/5).

15) Μέλος του top 2% παγκοσμίως των Επιστημόνων στην Οργανική Χημεία σε όλη τους την καριέρα μέχρι το τέλος του 2021, (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/5).

14) Μέλος του top 2% παγκοσμίως των Επιστημόνων στην Οργανική Χημεία σε όλη τους την καριέρα μέχρι το τέλος του 2020, (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3).

13) Μέλος του top 2% παγκοσμίως των Επιστημόνων στην Οργανική Χημεία για το έτος 2020, (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3).

12) Outstanding Reviewer **2020**, Green Chemistry (impact factor 10.18).

11) Βραβείο Φωτεινού από την Ακαδημία Αθηνών. Βραβείο για την προώθηση της Χημείας για την εργασία "Combining organocatalysis with photoorganocatalysis: photocatalytic hydroacylation of asymmetric organocatalytic Michael addition products" A. Schiza, N. Spiliopoulou, A. Shahu and C. G. Kokotos*, *New J. Chem.*, **2018**, *42*, 18844-18849, (Δεκέμβριος **2020**).

10) Βραβείο Χίλδεγαρδ, χήρα Λεωνίδα Ζέρβα από την Ακαδημία Αθηνών. Βραβείο για την προώθηση της Οργανικής Χημείας για την εργασία "Organocatalytic Oxidation of Substituted Anilines to Azoxybenzenes and Nitro Compounds: Mechanistic Studies Excluding the Involvement of a Dioxirane Intermediate" E. Voutyritsa, A. Theodorou, M. G. Kokotou and C. G. Kokotos*, *Green Chem.*, **2017**, 1291-1298, (Δεκέμβριος **2018**).

9) Young Investigators Workshop (EuCheMS), Workshop to encourage outstanding young academic investigators at the beginning of their career (year **2018**). EuCheMS workshops promote and recognize academic excellence. Each National Chemical Society (European countries, USA, Canada, Japan, and China) nominates one young investigator, for which a total of not more than 30 can be chosen.

8) Outstanding Reviewer **2017**, Green Chemistry (impact factor 9.41).

7) Young Investigators Workshop (EuCheMS), Workshop to encourage outstanding young academic investigators at the beginning of their career (year **2017**).

6) Βραβείο Χίλδεγαρδ, χήρα Λεωνίδα Ζέρβα από την Ακαδημία Αθηνών. Βραβείο για την προώθηση της Οργανικής Χημείας για την εργασία "2,2,2-Trifluoroacetophenone: An Organocatalyst for an Environmentally Friendly Epoxidation of Alkenes" D. Limnios and C. G. Kokotos*, *J. Org. Chem.*, **2014**, *79*, 4270-4276, (Δεκέμβριος **2016**).

5) JSP (Junior Scientist Programme) Fellowship to attend the Burgenstock Conference 2016. A very famous conference that you can attend only after invitation. JSP fellowships are to promote the participation of promising European scientists at the beginning of their academic careers (**2016**). Μοναδικός Έλληνας Επιστήμονας που έχει αυτή τη διάκριση.

4) ACS Young Academic Investigators Award (ACS), 9th Young Academic Investigators, 248th ACS National Meeting, Organic Division, San Francisco, USA, August **2014**. (Europe's representative). Award to encourage outstanding young academic investigators at the beginning of their career (**year 2014**). The intent of the Symposium is to have the program composed of Assistant Professor speakers. Sixteen speakers are invited to give 30-minute presentations on their work. Only 2 European Young Investigators were selected.

3) Young Investigators Workshop (EuCheMS), Workshop to encourage outstanding young academic investigators at the beginning of their career (**year 2014**).

2) Βραβείο (travel award) για νέους ερευνητές, IUPAC (**2011**).

1) Βραβείο για την καλύτερη παρουσίαση στο συνέδριο Syngenta Collaborative Research Conference 2006, Bracknell, **2006** με τίτλο "Applications of Sulfur Ylides in Organic Chemistry".

Υποτροφίες

7) Επιστημονικές Μελέτες 2015, Κοινωφελές Ίδρυμα Λάτση (**2014-2015**).

6) Υποτροφία μεταδιδακτορικής έρευνας, Ενίσχυση Μεταδιδακτόρων Ερευνητών, Γενική Γραμματεία Έρευνας και Τεχνολογίας (ΓΓΕΤ) (**2011-2014**).

5) Υποτροφία ΙΚΥ, υποτροφία μεταδιδακτορικής έρευνας (**2011**).

4) Υποτροφία από τις Χημικές Βιομηχανίες Avecia, Syngenta, Johnson-Matthey και DTI για την εκπόνηση διδακτορικής διατριβής.

3) Βραβείο "Μαρή Καμαρά" για το φοιτητή που τελείωσε πρώτος στο έτος του (2002-2003).

2) Υποτροφία ΙΚΥ, καθόλη τη διάρκεια των προπτυχιακών σπουδών στο ΕΚΠΑ.

1) Υποτροφία Κληροδοτήματος Παπαδάκη, καθόλη τη διάρκεια των προπτυχιακών σπουδών στο ΕΚΠΑ.

Διδακτικό έργο

15) Καθοδήγηση **2** μεταδιδακτορικών ερευνών που έχουν ολοκληρωθεί και **4** μεταδιδακτορικών ερευνών που είναι σε εξέλιξη στο Εργαστήριο Οργανικής Χημείας, ΕΚΠΑ.

14) Καθοδήγηση **5** διδακτορικών διατριβών που έχουν ολοκληρωθεί και **4** διδακτορικών διατριβών που είναι σε εξέλιξη στο Εργαστήριο Οργανικής Χημείας, ΕΚΠΑ.

13) Καθοδήγηση **21** μεταπτυχιακών εργασιών που έχουν ολοκληρωθεί και **6** μεταπτυχιακών εργασιών που είναι σε εξέλιξη στο Εργαστήριο Οργανικής Χημείας στο ΕΚΠΑ.

12) Καθοδήγηση **18** προπτυχιακών εργασιών που έχουν ολοκληρωθεί και **2** προπτυχιακών εργασιών που είναι σε εξέλιξη στο Εργαστήριο Οργανικής Χημείας στο ΕΚΠΑ.

11) Επίβλεψη **1** επισκέπτη προπτυχιακού φοιτητή Erasmus Plus και **1** επισκέπτη μεταπτυχιακού φοιτητή Erasmus Plus στο Εργαστήριο Οργανικής Χημείας στο ΕΚΠΑ.

10) Επιτροπή κρίσης **7** Διεθνών Διδακτορικών Διατριβών: **1.** Ben-Gurion University, **2020**, **2.** Jyvaskyla University, Finland, **2020**, **3.** Sastra University, India, **2020**, **4.** University of Vienna, Austria, **2021, 5.** Gotenborg University, Sweden, **2022**, **6.** University of Vienna, Austria, **2023**, **7.** University of University of Cape Town, South Africa, **2023**.

9) Διδασκαλία του μαθήματος "Προχωρημένη Οργανική Χημεία και Κατάλυση" στους μεταπτυχιακούς φοιτητές του Μεταπτυχιακού Προγράμματος Σπουδών «Κατάλυση και Εφαρμογές στη Χημική Βιομηχανία», ΕΚΠΑ, από 2019 μέχρι σήμερα.

8) Διδασκαλία του μαθήματος "Προχωρημένη Οργανική Χημεία: Οργανοκατάλυση" στους μεταπτυχιακούς φοιτητές του Διαπανεπιστημιακού Μεταπτυχιακού Προγράμματος

Σπουδών «Οργανική Σύνθεση και Εφαρμογές στη Χημική Βιομηχανία», ΕΚΠΑ, από 2010 μέχρι σήμερα.

7) Διδασκαλία του μαθήματος "Επώνυμες Αντιδράσεις στην Οργανική Χημεία" στους μεταπτυχιακούς φοιτητές του Διαπανεπιστημιακού Μεταπτυχιακού Προγράμματος Σπουδών «Οργανική Σύνθεση και Εφαρμογές στη Χημική Βιομηχανία», ΕΚΠΑ, 2008 και 2009.

6) Διδασκαλία του υποχρεωτικού μαθήματος "Οργανική Χημεία ΙΙ" στους δευτεροετείς φοιτητές του Τμήματος Χημείας στο ΕΚΠΑ, από 2017 μέχρι σήμερα.

5) Διεξαγωγή εργαστηριακών ασκήσεων στους τριτοετείς φοιτητές Χημείας στα πλαίσια του μαθήματος ¨Οργανική Χημεία ΙΙ¨ στο ΕΚΠΑ, από 2013 μέχρι σήμερα.
4) Διδασκαλία του μαθήματος επιλογής "Σύγχρονες Μέθοδοι στην Οργανική Σύνθεση" στους τεταρτοετείς φοιτητές του Τμήματος Χημείας στο ΕΚΠΑ, από 2014 μέχρι σήμερα.

3) Διδασκαλία του μαθήματος "Οργανική Χημεία" στους πρωτοετείς φοιτητές του Τμήματος Βιολογίας στο ΕΚΠΑ, από 2014 μέχρι 2017.

2) Διδασκαλία με ανάθεση του εξαμηνιαίου μαθήματος «Οργανική Χημεία» στους πρωτοετείς φοιτητές του Τμήματος Μοριακής Βιολογίας και Γενετικής στο Δημοκρίτειο Πανεπιστήμιο Θράκης σε θέση λέκτορα ως ΠΔ/407 (εαρινό εξάμηνο 2009-2010).

1) Διεξαγωγή εργαστηριακών ασκήσεων στους πρωτοετείς φοιτητές Χημείας, Βιολογίας και Γεωλογίας στα πλαίσια του μαθήματος ¨Γενική Χημεία¨ κατά τα έτη 2004, 2005 στο University of Bristol.

Συγγραφικό διδακτικό έργο

1) "Επώνυμες Αντιδράσεις στην Οργανική Χημεία", Χ. Κόκοτος, 2008. Σημειώσεις (78 σελίδες) για τους φοιτητές του μεταπτυχιακού προγράμματος «Οργανική Σύνθεση και Εφαρμογές στη Χημική Βιομηχανία», ΕΚΠΑ.

2) "Προχωρημένη Οργανική Χημεία: Οργανοκατάλυση", Χ. Κόκοτος, 2011. Σημειώσεις (84 σελίδες) για τους φοιτητές του μεταπτυχιακού προγράμματος «Οργανική Σύνθεση και Εφαρμογές στη Χημική Βιομηχανία», ΕΚΠΑ.

3) "Οργανική Χημεία", Συμμετοχή στη μετάφραση στην ελλληνική γλώσσα του συγγράματος "Organic Chemistry" των Clayden, Greeves, Warren. Κεφάλαια 25-30, Utopia Press, **2017**.

Ερευνητικά Προγράμματα ως PI και Συμμετοχές σε ερευνητικά δίκτυα

(20) Ερευνητικό Πρόγραμμα «3η Προκήρυξης ερευνητικών έργων ΕΛΙΔΕΚ για την ενίσχυση Μεταδιδακτορικών Ερευνητών/τριών» με τίτλο: «Καρβοκατάλυση: Προάγοντας την Οργανική Σύνθεση και την Ασύμμετρη Κατάλυση», Δρ. Δημήτριος Χρονόπουλος, ΕΛΙΔΕΚ (*2023-2025*, 118.800 €).

(19) Plastics monitoRIng detectiOn RemedIaTion recoverY (PRIORITY), Cost Action CA20101 funded by the intergovernmental framework for European Cooperation in Science and technology (*2021-2025*), Working Group 5 Member. Action Chair: Prof. Stefania Federici, National Interuniversity Consortium of Materials Science and Technology, Italy. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 1.000 €.

(18) Multiscale Irradiation and Chemistry Driven Processes and Related Technologies (MultIChem), Cost Action CA20129 funded by the intergovernmental framework for European Cooperation in Science and technology (*2021-2025*), Working Group 1 and 4 Member. Action Chair: Dr. Alexey VERKHOVTSEV, MBN Research Center gGmbH, Germany. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 1.000 €.

(17) Υποτροφία για διεξαγωγή διδακτορικής διατριβής, Υποψ. Διδάκτωρ: Κωνσταντίνος Κωνσταντίνου, ΕΛΙΔΕΚ, 2022, 36 μήνες, 32.400 € (Επιστημονικός Υπεύθυνος: Χ. Κόκοτος).

(16) Υποτροφία για διεξαγωγή μεταδιδακτορικής διατριβής, Δρ. Ιερασία Τριανταφυλλίδη, ΙΚΥ, 2020, 24 μήνες, 24.000 € (Επιστημονικός Υπεύθυνος: Χ. Κόκοτος).

(15) Υποτροφία για διεξαγωγή μεταδιδακτορικής διατριβής, Δρ. Μαρούλα Κόκοτου, ΙΚΥ, 2020, 24 μήνες, 24.000 € (Επιστημονικός Υπεύθυνος: Χ. Κόκοτος).

(14) Ερευνητικό Πρόγραμμα «1ης Προκήρυξης ερευνητικών έργων ΕΛΙΔΕΚ για την ενίσχυση των μελών ΔΕΠ και Ερευνητών/τριών και την προμήθεια ερευνητικού εξοπλισμού μεγάλης αξίας» με τίτλο: «Η ΗΛΙΑΚΗ ΑΚΤΙΝΟΒΟΛΙΑ ΣΤΗΝ ΥΠΗΡΕΣΙΑ ΤΗΣ ΦΩΤΟΟΡΓΑΝΟΚΑΤΑΛΥΣΗΣ: ΚΑΙΝΟΤΟΜΟΙ ΚΑΙ ΠΡΑΣΙΝΟΙ ΟΡΓΑΝΙΚΟΙ ΜΕΤΑΣΧΗΜΑΤΙΣΜΟΙ ΚΑΙ ΣΥΝΘΕΣΗ ΕΝΩΣΕΩΝ ΓΙΑ ΤΗ ΧΗΜΙΚΗ ΒΙΟΜΗΧΑΝΙΑ», ΕΛΙΔΕΚ (*2019-2023*, 200.000 €).

(13) Ερευνητικό Πρόγραμμα «Υποστήριξη ερευνητών με έμφαση στους νέους ερευνητές - κύκλος Β'» με τίτλο: «Πράσινη και Αειφόρα Οργανοκαταλύση: Καινοτόμες Μέθοδοι Εποξείδωσης και Εφαρμογή τους στη Φαρμακευτική Βιομηχανία», (*2019*, 37.000 €).

(12) Υποτροφία για διεξαγωγή διδακτορικής διατριβής, Υποψ. Διδάκτωρ: Νικολέττα Σπηλιοπούλου, ΕΛΙΔΕΚ, 2019, 36 μήνες, 32.400€ (Επιστημονικός Υπεύθυνος: Χ. Κόκοτος).

(11) Green Chemical Engineering Network towards upscaling sustainable processes, Cost Action CA18224 funded by the intergovernmental framework for European Cooperation in Science and technology (*2019-2023*), Management Committee Member. Action Chair: Prof. Ana Rita Duarte, University of Lisbon, Portugal. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 4.000 €.

(10) Mechanochemistry for Sustainable Industry, Cost Action CA18112 funded by the intergovernmental framework for European Cooperation in Science and technology (*2019-2023*), Management Committee Member. Action Chair: Prof. Evelina Colacino, University of Montpelier, France. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 13.000 €.

(9) Chemobrionics, Cost Action CA17120 funded by the intergovernmental framework for European Cooperation in Science and technology (*2019-2023*), Management Committee Member. Action Chair: Prof. Julyan Cartwright, CSIC Granada, Spain. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 5.000 €.

(8) European Network on Pseudomyxoma Peritonei – PMP, Cost Action CA17101 funded by the intergovernmental framework for European Cooperation in Science and technology (*2019-2023*), Management Committee Member. Action Chair: Prof. Kjersti Flatmark, Oslo University Hospital, Norway. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 5.000 €.

(7) Υποτροφία για διεξαγωγή διδακτορικής διατριβής, Υποψ. Διδάκτωρ: Νικόλαος Νικήτας, ΙΚΥ, 2018, 36 μήνες, 32.400€ (Επιστημονικός Υπεύθυνος: Χ. Κόκοτος).

(6) Υποτροφία για διεξαγωγή διδακτορικής διατριβής, Υποψ. Διδάκτωρ: Ιερασία Τριανταφυλλίδη, ΕΛΙΔΕΚ, 2017, 24 μήνες, 21.600€ (Επιστημονικός Υπεύθυνος: Χ. Κόκοτος).

(5) Υποτροφία για διεξαγωγή διδακτορικής διατριβής, Υποψ. Διδάκτωρ: Έρρικα Βουτυρίτσα, ΙΚΥ, 2016, 36 μήνες, 32.400€ (Επιστημονικός Υπεύθυνος: Χ. Κόκοτος).

(4) C-H Activation in Organic Synthesis – CHAOS, Cost Action CM15106 funded by the intergovernmental framework for European Cooperation in Science and technology (***2016-2020***), Management Committee Substitute. Action Chair: Prof. M. Schnurch, Technical University of Vienna, Austria. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 36.000 €.

(3) Επιστημονικές Μελέτες, Κοινωφελές Ίδρυμα Λάτση *"PhotoOrganocatalysis: Development of new environmentally-friendly methods for the synthesis of compounds for the pharmaceutical and chemical industry"* (*2015*, 12.000 €).

(2) Organocatalysis – ORCA, Cost Action CM0905 funded by the intergovernmental framework for European Cooperation in Science and technology (*2011-2014*), Management Committee Substitute and co-Organizer of the third ORCA meeting in Athens, 2012. Action Chair: Prof. P. Pihko, University of Jyvskyl, Finland. Funding for the Kokotos' group (short-term scientific missions, meetings participation, and training schools): 15.000 €.

(1) Μεταδιδακτορικό Ερευνητικό Πρόγραμμα, *"PEPCAT-Novel Organocatalysts Based on Peptides and Amino Acids and their Application in Asymmetric Organic Transformations",* Ενίσχυση Μεταδιδακτόρων Ερευνητών, Γενική Γραμματεία Έρευνας και Τεχνολογίας (ΓΓΕΤ) (*2011-2014*, 150.000 €) (Επιστημονικός Υπεύθυνος: Δρ. Χ. Κόκοτος, Υποδεχόμενο Μέλος ΔΕΠ: Καθ. Π. Μουτεβελή-Μηνακάκη).

Ξένες Γλώσσες *Αγγλικά*: (Άριστα): Cambridge Proficiency in English (2001), Advanced Proficiency Certificate in English (1997).
Γαλλικά: (Πολύ καλά): DELF 2nd Degree (1998).
Γερμανικά (Καλά).

Γνώσεις Η/Υ MS Windows, MS Word, MS Excel, MS PowerPoint, MS Outlook, ChemOffice, Beilstein Crossfire Database, SciFinder, Mestrec, SpecNMR, EndNote.

Δημοσιεύσεις σε διεθνή περιοδικά

107) "Photochemical upcycling of polystyrene plastics" E. Skolia, O. G. Mountanea and C. G. Kokotos*, *Trends Chem.*, **2023**, doi: 10.1016/j.trechm.2022.10.003. (IF: 22.48)

106) "A General Metal-Free Protocol for the Visible-Light-Driven Protection of Carbonyls" L. Di Terlizzi, E. M. Galathri, S. Protti, C. G. Kokotos and M. Fagnoni*, *ChemSusChem*, **2023**, *16*, e202201998. (IF: 9.14)

105) "Photochemical [2+2] Cycloaddition of Alkenes with Maleimides: Highlighting the Differences between N-Alkyl vs N-Aryl Maleimides" E. Skolia and C. G. Kokotos*, *ACS Org Inorg Au*, **2023**, doi: 10.1021/acsorginorgau.2c00053. (IF: -)

104) "Light-accelerated "on-water" hydroacylation of dialkyl azodicarboxylates" N. A. Stini, E. T. Poursaitidis, N. F. Nikitas, M. Kartsinis, N. Spiliopoulou, P. Ananida-Dasenaki and C. G. Kokotos*, *Org. Biomol. Chem.*, **2023**, DOI: 10.1039/D2OB02204D. (IF: 3.89)

103) "Friedel–Crafts arylation of aldehydes with indoles utilizing arylazo sulfones as the photoacid generator" E. M. Galathri, L. Di Terlizzi, M. Fagnoni, S. Protti and C. G. Kokotos*, *Org. Biomol. Chem.*, **2023**, *21*, 365-369. (IF: 3.89)

102) "Cyrene: A Bio-based Solvent for the Mizoroki-Heck Reaction of Aryl Iodides" N. A. Stini, P. L. Gkizis and C. G. Kokotos*, *Org. Biomol. Chem.*, **2023**, *21*, 351-358. (IF: 3.89)

101) "Photochemical Aerobic Upcycling of Polystyrene Plastics to Commodity Chemicals" N. F. Nikitas and C. G. Kokotos*, *ChemRxiv*, **2022**, doi: 10.26434/chemrxiv-2022-l8p90. (citations: 1)

100) "Cyrene: a Bio-based Novel and Sustainable Solvent for Organic Synthesis" N. A. Stini, P. L. Gkizis and C. G. Kokotos*, *Green Chem.*, **2022**, *24*, 6435-6449. (IF: 11.03) **HOT ARTICLE** (citations: 3)

99) "Light-promoted Oxidation of Aldehydes to Carboxylic Acids under Aerobic and Photocatalyst-free Conditions" C. S. Batsika, C. Koutsilieris, G. S. Koutoulogenis, M. G. Kokotou, C. G. Kokotos* and G. Kokotos*, *Green Chem.*, **2022**, *24*, 6224-6231. (IF: 11.03) (citations: 3)

98) "A Sustainable Photochemical Aerobic Sulfide Oxidation: Access to Sulforaphane and Modafinil" E. Skolia, P. L. Gkizis and C. G. Kokotos*, *Org. Biomol. Chem.*, **2022**, *20*, 5836-5844. (Impact factor: 3.89) (citations: 3)

97) "Organocatalytic Synthesis of Thiiranes from Alkenes" A. Tsoukaki, E. Skolia, I. Triandafillidi* and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2022**, e202200463. (citations: 0) (Impact factor: 3.26) Hot Topic Organocatalysis, Highlighted at ChemistryViews: https://www.chemistryviews.org/organocatalytic-synthesis-of-thiiranes-from-alkenes/

96) "Photochemical Aerobic Oxidation of Sulfides to Sulfoxides: The Crucial Role of Wavelength Irradiation" E. Skolia, P. L. Gkizis, N. F. Nikitas and C. G. Kokotos*, *Green Chem*, **2022**, *24*, 4108-4118. (citations: 0) (Impact factor: 11.03) (citations: 5)

95) "Aerobic Photocatalysis: Oxidation of Sulfides to Sulfoxides" E. Skolia, P. L. Gkizis and C. G. Kokotos*, *ChemPlusChem*, **2022**, *87*, e202200008. (citations: 0) (Impact factor: 2.86) (citations: 7)

94) "A Unified Mechanism for the PhCOCOOH-mediated Photochemical Reactions: Revisiting its Action and Comparison to Known Photoinitiators" N. Spiliopoulou, P. L. Gkizis, I. Triandafillidi, N. F. Nikitas, C. S. Batsika, A. Bisticha and C. G. Kokotos*, *Chem. Eur. J.*, **2022**, *28*, doi: e202200023. (citations: 0) (Impact factor: 5.02) (citations: 4)

93) "Hexafluoroisopropanol-promoted or Brønsted Acid-mediated Photochemical [2+2] Cycloadditions of Alkynes with Maleimides" I. Triandafillidi, N. F. Nikitas, P. L. Gkizis, N. Spiliopoulou and C. G. Kokotos*, *ChemSusChem*, **2022**, *15*, e202102441. (citations: 0) (Impact factor: 9.14) (citations: 6)

92) "Photochemical C–H Acetalization of *O*-Heterocycles utilizing Phenylglyoxylic Acid as the Photoinitiator" G. S. Koutoulogenis, N. Spiliopoulou and C. G. Kokotos*, *PhotoChem. PhotoBiol. Sci.*, **2022**, *21*, 687–694. Invited Contribution for Special Issue for Prof. Albini (citations: 0) (Impact factor: 3.98) (citations: 1)

91) "Aldehyde-Catalyzed Epoxidation of Unactivated Alkenes with Aqueous Hydrogen Peroxide" I. Triandafillidi, M. G. Kokotou, D. Lotter, C. Sparr* and C. G. Kokotos*, *Chem. Sci.*, **2021**, *12*, 10191-10196. (citations: 8) (Impact factor: 9.97)

90) "Saturated Oxo Fatty Acids (SOFAs): A Previously Unrecognized Class of Endogenous Bioactive Lipids Exhibiting a Cell Growth Inhibitory Activity" C. S. Batsika, C. Mantzourani, D. Gkikas, M. G. Kokotou, O. G Mountanea, C. G. Kokotos P. K. Politis and G. Kokotos*, *J. Med. Chem.*, **2021**, *64*, 5654-5666. (citations: 12) (Impact factor: 8.04)

89) "Photochemical Activation of Aromatic Aldehydes: Synthesis of Amides, Hydroxamic Acids and Esters" N. F. Nikitas, M. K. Apostolopoulou, E. Skolia, A. Tsoukaki and C. G. Kokotos*, *Chem. Eur. J.*, **2021**, *27*, 7915-7922. (citations: 8) (Impact factor: 5.02)

88) "Thioxanthone: A Powerful Photocatalyst for Organic Reactions" N. F. Nikitas, P. L. Gkizis and C. G. Kokotos*, *Org. Biomol. Chem.*, **2021**, *19*, 5237-5253. (citations: 52) (Impact factor: 3.89)

87) "Organocatalytic, Organic Oxidant Promoted, Enamine C−H Oxidation/Cyclopropanation Reaction" Z. Džambaski, A. M. Bondžić, I. Triandafillidi, C. G. Kokotos and B. P. Bondžić*, *Adv. Synth. Catal.*, **2021**, *363*, 4002–4008. (citations: 4) (Impact factor: 5.98)

86) "Photochemical Metal-free Aerobic Oxidation of Thiols to Disulfides" N. Spiliopoulou and C. G. Kokotos*, *Green Chem.*, **2021**, *23*, 546-551. (citations: 34) (Impact factor: 11.03)

85) "Metal-free Photochemical Atom Transfer Radical Addition (ATRA) of $BrCCl_3$ to Alkenes" N. F. Nikitas, E. Voutyritsa, P. L. Gkizis and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2021**, 96-101. Invited Contribution for Special Issue: YourJOC Talents (citations: 9) (Impact factor: 3.26)

84) "Photochemical Synthesis of Benzimidazoles from Diamines and Aldehydes" E. Skolia, M. K. Apostolopoulou, N. F. Nikitas and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2021**, 422-428. (citations: 6) (Impact factor: 3.26)

83) "Photochemical Reaction of *N,N*-Dimethylanilines with *N*-Substituted Maleimides Utilizing Benzaldehyde as the Photoinitiator" N. F. Nikitas, M. A. Theodoropoulou and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2021**, 1168-1173. Invited Contribution for Special Issue: Hot Topic: Organocatalysis (citations: 3) (Impact factor: 3.26)

82) "Phenylglyoxylic Acid: An Efficient Initiator for the Photochemical Hydrogen Atom Transfer (HAT) C-H Functionalization of Heterocycles" G. N. Papadopoulos, M. G. Kokotou, N. Spiliopoulou, N. F. Nikitas, E. Voutyritsa, D. I. Tzaras, N. Kaplaneris and C. G. Kokotos*, *ChemSusChem*, **2020**, 13, 5934-5944. (citations: 27) (Impact factor: 9.19)

81) "Photochemical Functionalization of Heterocycles with EBX Reagents; C-H Alkynylation versus Deconstructive Ring Cleavage" E. Voutyritsa, M. Garreau, M. G. Kokotou, I. Triandafillidi, J. Waser* and C. G. Kokotos*, *Chem. Eur. J.*, **2020**, *26*, 14453-14460. (citations: 21) (Impact factor: 5.02)

80) "Green Metal-Free Photochemical Hydroacylation of Unactivated Olefins" E. Voutyritsa and C. G. Kokotos*, *Angew. Chem. Int. Ed.*, **2020**, *59*, 1735-1741. (citations: 52) (Impact factor: 16.82)

79) "Photochemical Synthesis of Acetals utilizing Schreiner's Thiourea as the Catalyst" N. Spiliopoulou, N. F. Nikitas and C. G. Kokotos*, *Green Chem.*, **2020**, *22*, 3539-3545. (citations: 33) (Impact factor: 11.03)

78) "Photochemical oxidation of benzylic primary and secondary alcohols utilizing air as the oxidant" N. F. Nikitas, D. I. Tzaras, I. Triandafillidi and C. G. Kokotos*, *Green Chem.*, **2020**, *22*, 471-477. (citations: 67) (Impact factor: 11.03)

77) "Aldehydes as powerful initiators for photochemical transformations" M. A.

Theodoropoulou, N. F. Nikitas and C. G. Kokotos*, *Beilstein J. Org. Chem.*, **2020**, *16*, 833-857. (citations: 48) (Impact factor: 2.88)

76) "Synthetic Approaches to Acyl Hydrazides and Their Use as Synthons in Organic Synthesis" N. Spiliopoulou, C. T. Constantinou, I. Triandafillidi* and C. G. Kokotos*, *Synthesis*, **2020**, *22*, 3219-3230. (citations: 7) (Impact factor: 3.02)

75) "Recent advances in reactions promoted by amino acids and oligopeptides" I. Triandafillidi, E. Voutyritsa and C. G. Kokotos*, *Phys. Sci. Rev.*, **2020**, *5*, doi.org/10.1515/psr-2018-0086. (citations: 1) (Impact factor: 1.52)

74) "Photochemical Hydroacylation of Michael Acceptors Utilizing an Aldehyde as Photoinitiator" I. K. Sideri, E. Voutyritsa and C. G. Kokotos*, *ChemSusChem*, **2019**, *12*, 4194-4201. (citations: 25) (Impact factor: 9.19)

73) "Synthesis of γ-Lactones Utilizing Ketoacids and Trimethylsulfoxonium Iodide" I. Triandafillidi, A. Savvidou and C. G. Kokotos*, *Org. Lett.*, **2019**, *21*, 5533-5537. (citations: 11) (Impact factor: 6.00)

72) "Synthesis of Benzofuran and Indole Derivatives Catalyzed by Palladium on Carbon" A. Savvidou, D. I. Tzaras, G. S. Koutoulogenis, A. Theodorou and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2019**, 3890-3897. (citations: 6) (Impact factor: 3.26)

71) "Photoorganocatalytic Synthesis of Acetals from Aldehydes" N. F. Nikitas, I. Triandafillidi and C. G. Kokotos*, *Green Chem.*, **2019**, *21*, 669-674. (citations: 45) (Impact factor: 11.03)

70) "Enantioselective Organocatalytic Enamine C-H Oxidation/Diels-Alder Reaction" Z. Dzambaski, D.-I. Tzaras, S. Lee, C. G. Kokotos and B. P. Bondzic*, *Adv. Synth. Catal.*, **2019**, *361*, 1792-1797. (citations: 6) (Impact factor: 5.98)

69) "Photocatalytic Atom Transfer Radical Addition to Olefins utilizing Novel Photocatalysts" E. Voutyritsa, I. Triandafillidi, N. V. Tzouras, N. F. Nikitas, E. K. Pefkianakis, G. C. Vougioukalakis* and C. G. Kokotos*, *Molecules*, **2019**, *24*, 1644-1653. (citations: 19) (Impact factor: 4.93)

68) "Photocatalytic Synthesis of γ-Lactones from Alkenes: High-Resolution Mass Spectrometry as a Tool to Study Photoredox Reactions" I. Triandafillidi, M. G. Kokotou and C. G. Kokotos*, *Org. Lett.*, **2018**, *20*, 36-39. (citations: 62) (Impact factor: 6.00)

67) "Organocatalytic Synthesis of Oxazolines and Dihydrooxazines from Allyl-Amides: Bypassing the Inherent Regioselectivity of the Cyclization" A. Theodorou, I.

Triandafillidi and C. G. Kokotos*, *Adv. Synth. Catal.*, **2018**, *360*, 951-957. (citations: 12) (Impact factor: 5.98)

66) "Green Photo-Organocatalytic C−H Activation of Aldehydes: Selective Hydroacylation of Electron-Deficient Alkenes" G. N. Papadopoulos, E. Voutyritsa, N. Kaplaneris and C. G. Kokotos*, *Chem. Eur. J.*, **2018**, *24*, 1726-1731. (citations: 39) (Impact factor: 5.02)

65) "Expanding the Scope of Photocatalysis: Atom Transfer Radical Addition of Bromoacetonitrile to Aliphatic Olefins" E. Voutyritsa, I. Triandafillidi and C. G. Kokotos*, *ChemCatChem*, **2018**, *10*, 2466-2470. (citations: 11) (Impact factor: 5.50)

64) "Photoorganocatalysis, Small Organic Molecules and Light in the Service of Organic Synthesis: the Awakening of a Sleeping Giant" I. K. Sideri, E. Voutyritsa and C. G. Kokotos*, *Org. Biomol. Chem.*, **2018**, *16*, 4596-4614. Invited Review. (citations: 175) (Impact factor: 3.89)

63) "Combining Organocatalysis with Photoorganocatalysis: Photocatalytic Hydroacylation of Asymmetric Organocatalytic Michael Addition Products" A. Schiza, N. Spiliopoulou, A. Shahu and C. G. Kokotos*, *New J. Chem.*, **2018**, *42*, 18844-18849. (citations: 16) (Impact factor: 3.59)

62) "Proline Dipeptides Containing Fluorine Moieties as Organocatalysts for the Asymmetric Aldol Reaction" A. Ahmetlli, N. Spiliopoulou, A. Magi-Oikonomopoulou, D.-T. Gerokonstantis, P. Moutevelis-Minakakis* and C. G. Kokotos*, *Tetrahedron*, **2018**, *74*, 5987-5995. (citations: 11) (Impact factor: 2.46)

61) "Green Organocatalytic Oxidative Methods using Activated Ketones" I. Triandafillidi, D. I. Tzaras, and C. G. Kokotos*, *ChemCatChem*, **2018**, *10*, 2521-2535. (citations: 31) (Impact factor: 5.50)

60) "Combining Prolinamides with 2-Pyrrolidinone: Novel Organocatalysts for the Asymmetric Aldol Reaction" I. Vlasserou, M. Sfetsa, D. T. Gerokonstantis, C. G. Kokotos* and P. Moutevelis-Minakakis*, *Tetrahedron*, **2018**, *74*, 2338-2349. (citations: 25) (Impact factor: 2.46)

59) "Photoorganocatalytic Atom Transfer Radical Addition of Bromoacetonitrile to Aliphatic Olefins" E. Voutyritsa, N. F. Nikitas, M. K. Apostolopoulou, A. D. D. Gerogiannopoulou and C. G. Kokotos*, *Synthesis*, **2018**, *50*, 3395-3401. Invited Contribution for Special Issue: Photoredox Methods and their Strategic Applications in Synthesis (citations: 3) (Impact factor: 3.02).

58) "Green Photoorganocatalytic Synthesis of Phenols from Arylboronic Acids" I. K.

Sideri, E. Voutyritsa and C. G. Kokotos*, *Synlett*, **2018**, *29*, 1324-1328. Invited Contribution for Special Issue: 9th EuCheMS Organic Division Young Investigator Workshop (citations: 22) (Impact factor: 2.21)

57) "Organocatalytic Synthesis of Lactones by the Oxidation of Alkenoic Acids" I. Triandafillidi, M. Raftopoulou, A. Savvidou, and C. G. Kokotos*, *ChemCatChem*, **2017**, *9*, 4120-4124. (citations: 18) (Impact factor: 5.50)

56) "Photoorganocatalytic Synthesis of Lactones via a Selective C–H Activation–alkylation of Alcohols" N. Kaplaneris, A. Bisticha, G. N. Papadopoulos, D. Limnios and C. G. Kokotos*, *Green Chem.*, **2017**, *19*, 4451-4456. (citations: 47) (Impact factor: 11.03)

55) "Visible-Light-Mediated Catalytic Hydroacylation of Dialkyl Azodicarboxylates by Graphite Flakes" G. S. Koutoulogenis, M. G. Kokotou, E. Voutyritsa, D. Limnios, C. G. Kokotos*, *Org Lett.*, **2017**, *19*, 1760-1763. (citations: 26) (Impact factor: 6.00)

54) "Organocatalytic Oxidation of Substituted Anilines to Azoxybenzenes and Nitro Compounds: Mechanistic Studies Excluding the Involvement of a Dioxirane Intermediate" E. Voutyritsa, A. Theodorou, M. G. Kokotou and C. G. Kokotos*, *Green Chem.*, **2017**, 1291-1298. (citations: 56) (Impact factor: 11.03) **2017 Green Chemistry Hot Article**

53) "Green Organocatalytic Synthesis of Indolines and Pyrrolidines from Alkenes" A. Theodorou and C. G. Kokotos*, *Adv. Synth. Catal.*, **2017**, *359*, 1577-1581. (citations: 23) (Impact factor: 5.98)

52) "Green Organocatalytic Synthesis of Isoxazolines via a One-Pot Oxidation of Allyloximes" I. Triandafillidi and C. G. Kokotos*, *Org. Lett.*, **2017**, *19*, 106-109. (citations: 57) (Impact factor: 6.00)

51) "Photoinitiated Thiol-Ene "Click" Reaction: An Organocatalytic Alternative" D. Limnios and C. G. Kokotos*, *Adv. Synth. Catal.*, **2017**, *19*, 323-328. (citations: 77) (Impact factor: 5.98)

50) "Organocatalytic Synthesis of Polysubstituted Tetrahydrofurans from Alkenes" A. Theodorou and C. G. Kokotos*, *Green Chem.*, **2017**, *19*, 670-674. (citations: 18) (Impact factor: 11.03)

49) "Green Organocatalytic Dihydroxylation of Alkenes" A. Theodorou, I. Triandafillidi and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2017**, *11*, 1502-1509. (citations: 12) (Impact factor: 3.26)

48) "Green Organocatalytic Synthesis of Dihydrobenzofurans by Oxidation-Cyclization of Allylphenols" I. Triandafillidi, I. K. Sideri, D. I. Tzaras, N. Spiliopoulou and C. G. Kokotos*, *Synthesis*, **2017**, *49*, 4254-4260. Invited Contribution for Special Issue: Modern Strategies in Cyclization Reactions (citations: 5) (Impact factor: 3.02).

47) "Green Organocatalytic Oxidation of Sulfides to Sulfoxides and Sulfones" E. Voutyritsa, I. Triandafillidi and C. G. Kokotos*, *Synthesis*, **2017**, *49*, 917-924. Invited Contribution for Burgenstock Conference (citations: 57) (Impact factor: 3.02).

46) "Enantioselective Organocatalytic Synthesis of 2-Oxopiperazines from Aldehydes: Identification of the Elusive Epoxy Lactone Intermediate" N. Kaplaneris, C. Spyropoulos, M. G. Kokotou and C. G. Kokotos*, *Org. Lett.*, **2016**, *18*, 5800-5803. (citations: 26) (Impact factor: 6.00)

45) "One-pot Amide Bond Formation from Aldehydes and Amines via a Photoorganocatalytic Activation of Aldehydes" G. N. Papadopoulos and C. G. Kokotos*, *J. Org. Chem.*, **2016**, *81*, 7023-7028. (citations: 83) (Impact factor: 4.20)

44) "Photoorganocatalytic One-pot Synthesis of Hydroxamic Acids from Aldehydes" G. N. Papadopoulos and C. G. Kokotos*, *Chem. Eur. J.*, **2016**, *22*, 6964-6967. (citations: 65) (Impact factor: 5.02)

43) "Green Organocatalytic α-Hydroxylation of Ketones" E. Voutyritsa, A. Theodorou and C. G. Kokotos*, *Org. Biomol. Chem.*, **2016**, *14*, 5708-5713. Invited Article for the Special Thematic issue "New Talent in Organic and Medicinal Chemistry". (citations: 8) (Impact factor: 3.89)

42) "(Thio)urea-mediated Synthesis of Functionalized Six-membered Rings with Multiple Chiral Centers" G. Koutoulogenis, N. Kaplaneris and C. G. Kokotos*, *Beilstein J. Org. Chem.*, **2016**, *12*, 462-495. Invited Article for the Special issue "Multifunctional Organocatalysis". (citations: 63) (Impact factor: 2.88)

41) "4-Fluoro and 4-Hydroxy Pyrrolidine-thioxotetrahydropyrimidinones: Organocatalysts for Green Asymmetric Transformations in Brine" N. Kaplaneris, G. Koutoulogenis, M. Raftopoulou and C. G. Kokotos*, *J. Org. Chem.*, **2015**, *80*, 5464-6473. (citations: 41) (Impact factor: 4.20)

40) "*tert*-Butyl Esters of Peptides as Organocatalysts for the Asymmetric Aldol Reaction" A. Bisticha, I. Triandafillidi and C. G. Kokotos*, *Tetrahedron: Asymmetry*, **2015**, *26*, 102-108. (citations: 36) (Impact factor: 2.13)

39) "One-pot Synthesis of *O*-Allylhydroxylamines through the Organocatalytic

Oxidation of Tertiary Allylic Amines followed by a [2,3]-Meisenheimer Rearrangement" A. Theodorou, D. Limnios and C. G. Kokotos*, *Chem. Eur. J.*, **2015**, *21*, 5238-5241. (citations: 22) (Impact factor: 5.02)

38) "*tert*-Butyl Ester or Benzylamide of the Dipeptide Pro-Gly as Organocatalysts for the Asymmetric Aldol Reaction" I. Triandafillidi, A. Bisticha, E. Voutyritsa, G. Galiatsatou and C. G. Kokotos*, *Tetrahedron*, **2015**, *71*, 932-940. (citations: 36) (Impact factor: 2.46)

37) "Conjugating Proline Derivatives onto Multi-walled Carbon Nanotubes: Preparation, Characterization and Catalytic Activity in Water" D. D. Chronopoulos, C. G. Kokotos, M. Tsakos, N. Karousis, G. Kokotos* and N. Tagmatarchis*, *Mat. Lett.*, **2015**, *157*, 212-214. (citations: 14) (Impact factor: 3.42)

36) "Functionalized Multi-walled Carbon Nanotubes in an Aldol Reactions" D. D. Chronopoulos, C. G. Kokotos, N. Karousis, G. Kokotos* and N. Tagmatarchis*, *Nanoscale*, **2015**, *7*, 2750-2757. (citations: 16) (Impact factor: 8.31)

35) "Organocatalytic Oxidation Reactions" D. Limnios and C. G. Kokotos*, *Current Organocatalysis*, **2015**, *2*, 171-190. (citations: 3) (Impact factor: 0.94)

34) "Fullerene-proline Hybrids: Synthesis, Characterization and Organocatalytic Properties in Aldol Reactions" D. D. Chronopoulos, M. Tsakos, N. Karousis, C. G. Kokotos* and N. Tagmatarchis*, *Mat. Lett.*, **2014**, *137*, 343-346. (citations: 20) (Impact factor: 3.42)

33) "Photoorganocatalytic Hydroacylation of Dialkyl Azodicarboxylates by utilizing Activated Ketones as Photocatalysts" G. N. Papadopoulos, D. Limnios and C. G. Kokotos*, *Chem. Eur. J.*, **2014**, *20*, 13811-13814. (citations: 58) (Impact factor: 5.02)

32) "2,2,2-Trifluoroacetophenone: An Organocatalyst for an Environmentally Friendly Epoxidation of Alkenes" D. Limnios and C. G. Kokotos*, *J. Org. Chem.*, **2014**, *79*, 4270-4276. (citations: 91). Feature Article, ACS Editors Choice Article, Top Read Article for the last 12 months, Highlighted at TCI catalogue for 2,2,2-trifluoroacetophenone. (Impact factor: 4.20)

31) "One-pot Synthesis of Ureas from Boc-Protected Amines" C. Spyropoulos and C. G. Kokotos*, *J. Org. Chem.*, **2014**, *79*, 4477-4483. (citations: 74) (Impact factor: 4.20)

30) "2,2,2-Trifluoroacetophenone as an Organocatalyst for the Oxidation of Tertiary Amines and Azines to *N*-Oxides" D. Limnios and C. G. Kokotos*, *Chem. Eur. J.*, **2014**, *20*, 559-563. (citations: 69) (Impact factor: 5.02)

29) "*tert*-Butyl Esters of Tripeptides based on Pro-Phe as Organocatalysts for the Asymmetric Aldol Reaction in Aqueous or Organic Medium" A. Psarra, C. G. Kokotos* and P. Moutevelis-Minakakis*, *Tetrahedron*, **2014**, *70*, 608-615. (citations: 46) (Impact factor: 2.46)

28) "Primary and Secondary Amine-(thio)ureas and Squaramides and their Applications in Asymmetric Organocatalysis" M. Tsakos and C. G. Kokotos*, *Tetrahedron*, **2013**, *69*, 10199-10222. (citations: 160) (Impact factor: 2.46)

27) "Organocatalytic Oxidation of Organosilanes to Silanols" D. Limnios and C. G. Kokotos*, *ACS Catalysis*, **2013**, *3*, 2239-2243. (citations: 64) (Impact factor: 13.70)

26) "β-*tert*-Butyl Aspartate as an Organocatalyst for the Asymmetric α-Amination of α,α-Disubstituted Aldehydes" A. Theodorou, G. N. Papadopoulos and C. G. Kokotos*, *Tetrahedron*, **2013**, *69*, 5438-5443. (citations: 34) (Impact factor: 2.46)

25) "An Asymmetric Michael Addition of α,α-Disubstituted Aldehydes to Maleimides leading to a One-pot Enantioselective Synthesis of Lactones Catalyzed by Amino Acids" C. G. Kokotos*, *Org. Lett.*, **2013**, *15*, 2406-2409. (citations: 76) (Impact factor: 6.00)

24) "Microwave-Assisted Organocatalytic Cross-Aldol Condensation of Aldehydes" D. Limnios and C. G. Kokotos*, *RSC Adv.*, **2013**, *3*, 4496-4499. (citations: 23) (Impact factor: 4.04)

23) "Organocatalytic Asymmetric Domino Michael-Henry Reaction for the Synthesis of Substituted Bicyclo[3.2.1]octan-2-ones" M. Tsakos, M. R. J. Elsegood and C. G. Kokotos*, *Chem. Commun.*, **2013**, *49*, 2219-2221. (citations: 54) (Impact factor: 6.07)

22) "Novel Prolinamide-Ureas as Organocatalysts for the Asymmetric Aldol Reaction" P. Revelou, C. G. Kokotos* and P. Moutevelis-Minakakis*, *Tetrahedron*, **2012**, *68*, 8732-8738. (citations: 40) (Impact factor: 2.46)

21) "Pyrrolidine-thioxotetrahydropyrimidinone as an Efficient Organocatalyst for the Enantioselective Michael Addition of Cyclic Ketones to Nitrodienes" M. Tsakos. M. Trifonidou and C. G. Kokotos*, *Tetrahedron*, **2012**, *68*, 8630-8635. (citations: 17) (Impact factor: 2.46)

20) "A Tripeptide-like Prolinamide-Thiourea as an Aldol Reaction Catalyst" S. Fotaras, C. G. Kokotos and G. Kokotos*, *Org. Biomol. Chem.*, **2012**, *10*, 5613-5619. (citations: 52) (Impact factor: 3.89)

19) "Primary Amine-Thioureas with Improved Catalytic Properties for "Difficult" Michael Reactions. Efficient Organocatalytic Syntheses of (*S*)-, (*R*)-Baclofen and (*S*)-Phenibut" M. Tsakos, C. G. Kokotos and G. Kokotos*, *Adv. Synth. Catal.*, **2012**, *354*, 740-746. (citations: 76) (Impact factor: 5.98)

18) "Enantioselective Organocatalytic α-Alkylation of Ketones Utilising S_N-1 Type Reaction of Alcohols" M. Trifonidou and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2012**, 1563-1568. (citations: 29) (Impact factor: 3.26)

17) "Construction of Tertiary Alcohols Bearing Perfluoroalkyl Chains Catalyzed by Prolinamide-Thioureas" C. G. Kokotos*, *J. Org. Chem.*, **2012**, *77*, 1131-1135. (citations: 75) (Impact factor: 4.20)

16) "Organocatalytic "Difficult" Michael Reaction of Ketones with Nitrodienes Utilising Primary Amine-Thioureas Based on di-*tert*-Butyl Esters of Aspartic Acid" M. Tsakos and C. G. Kokotos*, *Eur. J. Org. Chem.*, **2012**, 576-580. (citations: 20) (Impact factor: 3.26)

15) "Novel Pyrrolidine-thiohydantoins/thioxotetrahydropyrimidinones as Highly Effective Catalysts for the Asymmetric Michael Addition" C. G. Kokotos, D. Limnios, D. Triggidou, M. Trifonidou and G. Kokotos*, *Org. Biom. Chem.*, **2011**, *9*, 3386-3395. (citations: 53) (Impact factor: 3.89)

14) "Prolinamides bearing Thiourea Groups as Catalysts for Asymmetric Aldol Reactions" S. Fotaras, C. G. Kokotos, E. Tsandi and G. Kokotos*, *Eur. J. Org. Chem.*, **2011**, 1310-1317. (citations: 31) (Impact factor: 3.26)

13) "Potent and Selective Fluoroketone Inhibitors of Group VIA Calcium-independent Phospholipase A_2" G. Kokotos*, Y.-H. Hsu, J. Burke, C. Baskakis, C. G. Kokotos, V. Magrioti and E. A. Dennis*, *J. Med. Chem.*, **2010**, *53*, 3602-3610. (citations: 97) (Impact factor: 8.04)

12) "Interactions at the Bilayer Interface and Receptor Site Induced by the Novel Synthetic Pyrrolidinone Analog MMK3" C. Fotakis, S. Gega, E. Siapi, C. Potamitis, K. Viras, P. Moutevelis-Minakakis, C. G. Kokotos, S. Durdagi, S. Golic Grdadolnik, B. Sartori, M. Rappolt* and T. Mavromoustakos*, *Biochim. Biophys. Acta Biomembranes*, **2010**, *1798*, 422-432. (citations: 28) (Impact factor: 3.75)

11) "*Bacillus subtilis* Esterase (BS2) and its Double Mutant have Different Selectivity in the Removal of Carboxyl Protecting Groups" E. Barbayianni, C. G. Kokotos, S. Bartsch, C. Drakou, U. Bornscheuer and G. Kokotos*, *Adv. Synth. Catal.*, **2009**, *351*, 2325-2332. (citations: 10) (Impact factor: 5.98)

10) "Primary Amine-thioureas based on *tert*-Butyl Esters of Natural Amino Acids as Organocatalysts for the Michael Reaction" C. G. Kokotos and G. Kokotos*, *Adv. Synth. Catal.*, **2009**, *351*, 1355-1362. (citations: 84) (Impact factor: 5.98)

9) "Sulfonamides of Homoproline and Dipeptides as Organocatalysts for Michael and Aldol Reactions" E. Tsandi, C. G. Kokotos, S. Kousidou, V. Ragoussis and G. Kokotos*, *Tetrahedron*, **2009**, *65*, 1444-1449. (citations: 77) (Impact factor: 2.46)

8) "Synthesis of Medicinally Interesting Polyfluoro Ketones via Perfluoroalkyl Lithium Reagents" C. G. Kokotos, C. Baskakis and G. Kokotos*, *J. Org. Chem.*, **2008**, *73*, 8623-8626. (citations: 39) (Impact factor: 4.20)

7) "Sulfur Ylide Mediated Three-component Aziridination and Epoxidation Reactions using Vinyl Sulfonium Salts" C. G. Kokotos, E. M. McGarrigle and V. K. Aggarwal*, *Synlett*, **2008**, 2191-2195, highlighted in *Synfacts*, **2008**, *11*, 1142. (citations: 22) (Impact factor: 2.21)

6) "Aminals as Substrates for Sulfur Ylides: A Synthesis of Functionalised Aziridines and *N*-Heterocycles" C. G. Kokotos and V. K. Aggarwal*, *Org. Lett.*, **2007**, *9*, 2099-2102. (citations: 55) (Impact factor: 6.00)

5) "A Practical Synthesis of a [2.2.1] Bicyclic Chiral Sulfide for Asymmetric Transformations" V. K. Aggarwal*, G. Fang, C. G. Kokotos, J. Richardson and M. G. Unthank, *Tetrahedron*, **2006**, *62*, 11297-11303. (citations: 35) (Impact factor: 2.46)

4) "Hemi-aminals as Substrates for Sulfur Ylides: Direct Asymmetric Syntheses of Functionalised Pyrrolidines and Piperidines" C. G. Kokotos and V. K. Aggarwal*, *Chem. Commun.*, **2006**, 2156-2158. (citations: 34) (Impact factor: 6.07)

3) "Synthesis, Binding Studies, and *in vivo* Biological Evaluation of Novel non-Peptide Antihypertensive Analogues" T. Mavromoustakos*, P. Moutevelis-Minakakis, C. G. Kokotos, P. Kontogianni, A. Politi, P. Zoumpoulakis, J. Findlay, A. Cox, A. Balmforth, A. Zoga and E. Iliodromitis, *Bioorg. Med. Chem.*, **2006**, *14*, 4353-4360. (citations: 31) (Impact factor: 3.64)

2) "Systemic and Intrathecal Effects of a Novel Series of Phospholipase A_2 Inhibitors on Hyperalgesia and Spinal PGE_2 Release" T. L. Yaksh*, G. Kokotos, C. I. Svensson, D. Stephens, C. G. Kokotos, B. Fitzsimmons, D. Hadjipavlou-Litina, X. Y. Hua and E. A. Dennis, *J. Pharmacol. Exp. Ther.*, **2006**, *316*, 466-475. (citations: 83) (Impact factor: 4.40)

1) "Synthesis and Activity of 2-Oxoamides containing Long Chain β-Amino Acids" V. Constantinou-Kokotou*, A. Peristeraki, C. G. Kokotos, D. A. Six and E. A. Dennis*, *J. Peptide Sci.*, **2005**, *11*, 431-435. (citations: 25) (Impact factor: 2.41)

Κεφάλαια σε βιβλία

1) "Ureas and Thioureas as Asymmetric Organocatalysts", D. Limnios, C. G. Kokotos, 2015. Book Chapter 2.19, "Sustainable Catalysis", 4-volume book, Eds. M. North, RSC press.

2) "Recent Advances in Reactions Promoted by Amino Acids and Oligopeptides", I. Triandafillidi, E. Voutyritsa, C. G. Kokotos, 2019. Book Chapter 2, "Organocatalysis: Stereoselective Reactions and Applications in Organic Synthesis", Eds. M. Benaglia, Walter de Gruyter GmbH.

3) "C–C and C–Heteroatom bonds photocatalyzed and photoinitiated by carbonyls", N. F. Nikitas, C. G. Kokotos, 2022. Book Chapter, "Photochemistry, Volume 49", Eds. S. Crepsi, S. Protti, RSC press.

4) "Sulfur Ylides as C1 Homologating Reagents", N. Spiliopoulou, N. F. Nikitas, C. G. Kokotos, 2023. Book Chapter 8, "Homologation Reactions: Reagents, Applications and Mechanisms", Eds. V. Pace, Wiley VHC.

Διπλώματα Ευρεσιτεχνίας

1) "Perfluoroketone compounds and uses thereof" S. David, A. Kalyvas, R. Lopez-Vales, G. Kokotos, V. Constantinou-Kokotou, C. Baskakis, C. G. Kokotos, D. Stephens, E. A. Dennis, WO 2008122119 A1, 2008-10-16.

2) "Pyrrolidine-thioxopyrimidinone/thiohydantion organocatalysts" G. Kokotos, C. G. Kokotos, D. Limnios, European Patent application, EP10386007. 8, 19-3-2010.

Ομιλίες σε συνέδρια μετά από πρόσκληση

20) "Organic Synthetic Photochemistry: The Awakening of A Sleeping Giant" Gotenborg, Σουηδία, Δεκέμβριος **2022**.

19) “Photochemistry: Utilizing Light for the Introduction of Novel Organic Transformations” Final CHAOS Meeting, Valetta, Μάλτα, Οκτώβριος **2019**.
18) “Photocatalysis: Shedding Light to Organic Transformations” 5th CHAOS Meeting, Tarragona, Ισπανία, Σεπτέμβριος **2018**.

17) “Phenylglyoxylic Acid: Shedding More Light in Organic Transformations” University of Oxford, Oxford, UK, Αύγουστος **2018**. Young Investigators Workshop of EuCheMS. (Greek representative). EuCheMS workshops promote and recognize academic excellence. Each National Chemical Society (European countries, USA, Canada, Japan, and China) nominates one young investigator, for which a total of not more than 30 can be chosen.

16) “Organocatalysis and Photocatalysis: Learning Old Reagents New Tricks” University of Bristol, Bristol, UK, Σεπτέμβριος **2017**.

15) “Providing Solutions for Challenging Asymmetric Transformations via New Efficient Organocatalysts” 3rd CHAOS Meeting, Bath, UK, Σεπτέμβριος **2017**.

14) “PhotoOrganocatalysis and Sunlight-Promoted Processes Mediated by Phenylglyoxylic Acid” Young Investigators Workshop of EuCheMS, Gladbach, Γερμανία, Ιούλιος **2017**. (Greek representative).

13) “Organocatalysis and Photocatalysis: Learning Old Reagents New Tricks” Εθνικό Ίδρυμα Ερευνών, Αθήνα, Ελλάδα, Ιούνιος **2017**.

12) “Phenylglyoxylic Acid as the Photocatalyst for Green Visible-Light PhotoOrganocatalysis and SunlightPromoted Processes” Athens International Catalysis Symposium, Αθήνα, Ελλάδα, Νοέμβριος **2016**.

11) “Synthetic Methods to 2-Hydroxy Fatty Acids and Lipolytic Enzyme Inhibitors” 2nd International Conference and Expo on Lipids: Metabolism, Nutrition and Health, Orlando, USA, Οκτώβριος **2016**.

10) “Organocatalysis and Photocatalysis: Green Approaches for C-H Activation” COST Action Meeting CHAOS, Vienna, Αυστρία, Σεπτέμβριος **2016**.

9) “Οργανοκατάλυση και ΦωτοΟργανοκατάλυση: Νέοι Πράσινοι Οργανοκαταλύτες και Εφαρμογές στην Φαρμακευτική Χημεία” Εθνικό Ίδρυμα Ερευνών, Αθήνα, Ελλάδα, Απρίλιος **2016**.

8) “Οργανοκατάλυση και ΦωτοΟργανοκατάλυση: Πράσινες Προσεγγίσεις για Ασύμμετρη Κατάλυση, one-pot Μετασχηματισμούς και Εφαρμογές στην Φαρμακευτική Χημεία” Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Τμήμα Χημείας, Θεσσαλονίκη, Ελλάδα, Μάρτιος **2016**.

7) “Amino Acids, their Derivatives and Activated Ketones: Organocatalysts for Asymmetric Transformations and Green Oxidations” 248th ACS Meeting, 9th Young Academic Investigators Award, San Francisco, USA, Αύγουστος **2014**. (Europe’s representative). The intent of the Symposium is to have the program composed of Assistant Professor speakers. Sixteen speakers are invited to give 30-minute presentations on their work. Only 2 European Young Investigators were selected.

6) “Organocatalytic Endeavors Leading to One-pot Transformations and Green Oxidations” Young Investigators Workshop of EuCheMS, Larnaca, Κύπρος, Αύγουστος **2014**. (Greek representative).

5) “Amino Acids, their Derivatives and Peptides as Organocatalysts for Asymmetric Transformations” 13th Chinese International Peptide Symposium, Datong, Κίνα, Ιούνιος **2014**.

4) “Organocatalysis: A Novel Approach for Asymmetric Catalysis and Green Chemistry” Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών, Αθήνα, Ελλάδα, Μάϊος **2014**.

3) “Amino Acids and their Derivatives as catalysts for Organocatalytic Cascade Transformations” 5th ORCA Meeting, Palermo, Ιταλία, Μάϊος **2014**.

2) “Thioureas Based on Amino Acids and Pyrrolidine/thioxopyrimidinone as Catalysts for Asymmetric Organic Transformations” Rutgers University, New Jersey, USA, Φεβρουάριος **2013**.

1) “Novel Efficient Organocatalysts for Difficult Asymmetric Transformations” 10th Symposium on Chiral Approaches, Tokyo, Ιαπωνία, Φεβρουάριος **2012**.

Ομιλίες σε συνέδρια

18) “Organic Synthetic Photochemistry: Embracing the Needs of Green and Sustainable Chemistry” 9th IUPAC International Conference on Green Chemistry (9th ICGC), Αθήνα, Ελλάδα, Σεπτέμβριο; **2022**.

17) “Sunlight-driven Photoorganocatalysis: Novel and Green Organic Transformations and Synthesis of Compounds for the Chemical Industry” Athens Summer School on Organic Synthesis (ASSOS2022), Αθήνα, Ελλάδα, Ιούλιος **2022**.

16) “Organic Synthetic Photochemistry: The Awakening of A Sleeping Giant” Athens Conference on Advances in Catalysis (ACAC2022), Αθήνα, Ελλάδα, Ιούνιος **2022**.

15) “Οργανοκατάλυση και Συνθετική Φωτοχημεία: Η Πράσινη Χημεία στην Υπηρεσία της Βιώσιμης Ανάπτυξης και της Αντιμετώπισης της Κλιματικής Αλλαγής” 1° Συνέδριο για τη Κλιματική Κρίση, ΕΚΠΑ, Αθήνα, Ελλάδα, Ιούνιος **2022**.

14) “Photocatalysis: Shedding Light to Organic Transformations” 5th EuChemS Conference on Green and Sustainable Chemistry (5th EuGSC), Θεσσαλονίκη, Ελλάδα, Σεπτέμβριος **2021**.

13) “Organocatalysis and Photochemistry: Advancing the Art of Organic Synthesis” Athens Summer School on Organic Synthesis (ASSOS2021) and International Young Investigator Symposium, Αθήνα, Ελλάδα, Αύγουστος **2021**.

12) “Photocatalysis: Shedding Light to Organic Transformations” Athens Conference on Advances in Chemistry, Αθήνα, Ελλάδα, Οκτώβριος **2018**.

11) “Phenylglyoxylic Acid as the Photocatalyst for Green Visible-Light PhotoOrganocatalysis and Sunlight-Promoted Processes” 5° Πανελλήνιο Συνέδριο Πράσινης Χημείας, Πάτρα, Ελλάδα, Οκτώβριος **2017**.

10) “Green Organocatalytic Oxidations Mediated by Hydrogen Peroxide: New Catalysts, One-pot Transformations and Mechanistic Insights” 20th European Symposium on Organic Chemistry ESOC, Koln, Γερμανία, Ιούλιος **2017**.

9) “Πράσινη Φωτοοργανοκατάλυση και Οργανικές Αντιδράσεις Καταλυόμενες από την Ηλιακή Ακτινοβολία” 22th Πανελλήνιο Συνέδριο Χημείας, Θεσσαλονίκη, Ελλάδα, Δεκέμβριος **2016**.

8) “Green Organocatalytic Oxidations and PhotoOrganocatalysis: New Catalysts, One-pot Transformations and Appllications in Pharmaceutical Chemistry” 12th Συνέδριο Χημείας Ελλάδας-Κύπρου, Θεσσαλονίκη, Ελλάδα, Μάιος **2015**.

7) “Thioureas Based on Dipeptides and Polymer-Supported Amino Acids and Peptides as Novel Organocatalysts” 12th Chinese International Peptide Symposium, Shenyang, Κίνα, Ιούλιος **2012**.

6) “Providing Solutions for Challenging Asymmetric Transformations via New Efficient Organocatalysts” 2nd ORCA Meeting, Marseille, Γαλλία, Μάρτιος **2012**.

5) “Bifunctional Thioureas as Organocatalysts for Asymmetric Organic Transformations” 43rd IUPAC World Chemistry Congress, San Juan, Puerto Rico, Αύγουστος **2011**.

4) “Advances in Enantioselective Organocatalysis: Applications of Linchpin Catalysis” 3rd Hellenic Symposium on Organic Chemistry, Αθήνα, Ελλάδα, Οκώβριος **2009**.

3) “A novel asymmetric synthesis of NK-1 receptor antagonist CP-122,721 based on the sulfur ylide-mediated epoxidation” 9th Conference on Medicinal Chemistry, Drug Discovery and Design, Πάτρα, Ελλάδα, Μάρτιος **2008**.

2) “Applications of Sulfur Ylides in Asymmetric Synthesis” 2nd Hellenic Symposium in Organic Synthesis, Αθήνα, Ελλάδα, Απρίλιος **2007**.

1) “Applications of Sulfur Ylides in Organic Chemistry” Syngenta Collaborative Research Conference 2006, Bracknell, UK, Σεπτέμβριος **2006**.

Διοργάνωση Συνεδρίων

10) Ημερίδα προαγωγής της Επιστήμης της Χημείας και Επίσκεψη Σχολείου Ουρσουλίνων, Ψυχικού, Αθήνα, Νοέμβριος **2022**.

9) Πρόεδρος του Athens Summer School on Organic Synthesis (ASSOS2022) and International Young Investigator Symposium, Αθήνα, Ιούλιος **2022**.

8) Συν-διοργανωτής του 1ο Συνέδριο Μεταπτυχιακών Φοιτητών του Τμήματος Χημείας, ΕΚΠΑ, Αθήνα , Μάρτιος, **2022**.

7) Πρόεδρος του Athens Summer School on Organic Synthesis (ASSOS2021) and International Young Investigator Symposium, Αθήνα, Σεπτέμβριος **2021**.

6) Μέλος του International Scientific Committee of 9th IUPAC International Conference on Green Chemistry, Αθήνα, **2020** (πραγματοποιήθηκε Σεπτέμβριο **2022**).

5) ΑντιΠρόεδρος του «Πράσινη Χημεία και Αειφόρα Ανάπτυξη – 6ο Πανελλήνιο Συνέδριο με Διεθνή Συμμετοχή», Αθήνα, **2019**.

4) Τοπική Οργανωτική Επιτροπή του 2ου Summer School, COST Action CHAOS, Αθήνα, 2019.

3) Τοπική Οργανωτική Επιτροπή του EFMC-ASMC-19, International Symposium on Advances in Synthetic and Medicinal Chemistry 19, Αθήνα, **2019**.

2) Συν-διοργανωτής του 1ου Athens International Catalysis Symposium in Athens (ACAC), **2016**.

1) Συν-διοργανωτής του 3ου ORCA meeting, Athens, **2012**. Organocatalysis–ORCA, Cost Action CM0905.

Γραπτές ανακοινώσεις σε συνέδρια (posters) > 100, Ενδεικτικά

1) "Design and synthesis of novel (*S*)-pyroglutamic acid based antihypertensive agents", P. Moutevelis-Minakakis, C. G. Kokotos, P. Kontogianni and T. Mavromoustakos, 8th International Congress on Amino Acids and Proteins, Rome, Italy, *Amino Acids*, **2003**, *25*, page 125.

2) "Synthesis of 2-oxoamides based on long chain β-amino acids" V. Constantinou-Kokotou, A. Peristeraki, C. G. Kokotos, D. A. Six and E. A. Dennis, 4th Hellenic Forum on Bioactive Peptides, Patras, Greece, *J. Peptide Sci.*, **2004**, *S10*, P02, H45.

3) "(*S*)-Pyroglutamic acid-based design and synthesis of new antihypertensive agents", P. Moutevelis-Minakakis, C. G. Kokotos, P. Kontogianni, K. Georgikopoulou and T. Mavromoustakos, 3rd International and 28th European Peptide Symposium, Prague, Czech Republic, *J. Peptide Sci.*, **2004**, *S10*, page 131.

4) "Hemi-aminals as substrates for sulfur ylides: Direct asymmetric syntheses of functionalised pyrrolidines and piperidines" C. G. Kokotos and V. K. Aggarwal, 7th Tetrahedron Symposium, Challenges in Organic Chemistry, Kyoto, Japan, May **2006**, *P47*, page 101.

5) "Direct asymmetric syntheses of functionalised pyrrolidines and piperidines *via* a tandem epoxidation-cyclisation process" C. G. Kokotos and V. K. Aggarwal, CBM 06 International Symposium on Chemistry, Biology and Medicine, Pafos, Cyprus, June **2006**, *P46*.

6) "Design and synthesis of 2-oxoamide phospholipase A_2 inhibitors for the treatment of hyperalgesia" G. Kokotos, G. Antonopoulou, C. G. Kokotos, K. Baskakis, E. Barbayianni, V. Magrioti, D. Stephens, D. Hadjipavlou-Litina, V. Constantinou-Kokotou, T. L. Yaksh and E. A. Dennis, 3rd International Conference on Phospholipases A_2 and Lipid Mediators, Sorento, Italy, April **2007**, page 186.

7) "Fast and selective removal of propyl and butyl esters by *Bacillus Subtilis* esterase (BS2)" E. Barbayianni, C. Drakou, C. G. Kokotos, E. Fotakopoulou, V. Constantinou-Kokotou, U. T. Bornscheuer and G. Kokotos, International Symposium on Catalysis and Fine Chemicals 2007 (C&F2007), Singapore, Singapore, December **2007**, *BC-A0126*.

8) "Organocatalysed asymmetric conjugate addition of nitroalkanes to aldehydes. A route to 4-amino alcohols and substituted tetrahydrofurans" C. G. Kokotos, V. Mouchlis and G. Kokotos, International Symposium on Catalysis and Fine Chemicals 2007 (C&F2007), Singapore, Singapore, December **2007**, *OC-A0125*.

9) "Sulfonamides of N-terminal prolyl dipeptides as catalysts for aldol reactions" E. Tsandi, C. G. Kokotos and G. Kokotos, 6th Hellenic Forum on Bioactive Peptides, Patras, Greece, May **2008**.

10) "Synthesis of ureas based on bifunctionalized limonenes and study of their catalytic activity" D. Tringidou, C. G. Kokotos and G. Kokotos, 9th Tetrahedron Symposium, Challenges in Organic and Bioorganic Chemistry, Berkeley, USA, July **2008**, *P2.90*.

11) "Synthesis of new fluoroketone phospholipase A_2 inhibitors as novel agents for the treatment of multiple sclerosis" V. Constantinou-Kokotou, C. Baskakis, V. Magrioti, C. G. Kokotos, A. Kalyvas, D. Stephens and G. Kokotos, 9th Tetrahedron Symposium, Challenges in Organic and Bioorganic Chemistry, Berkeley, USA, July **2008**, *P1.61*.

12) "Synthesis of perfluoroketones via perfluoro lithium reagents" C. G. Kokotos, C. Baskakis and G. Kokotos, 2nd EUCHEMS Chemistry Congress, Torino, Italy, September **2008**.

13) "Selective inhibition of human intracellular and extracellular phospholipases A_2 by synthetic 2-oxoamides and perfluoroketones" V. Magrioti, G. Antonopoulou, C. Baskakis, C. G. Kokotos, E. Barbayianni, N. Cotton, D. Stephens, V. Constantinou-Kokotou, E. A. Dennis and G. Kokotos, 6th Euro Fed Lipid Congress, Athens, Greece, September **2008**, page 195.

14) "New primary amine-thioureas as organocatalysts for Michael reaction" C. G. Kokotos and G. Kokotos, 16th European Symposium on Organic Chemistry, Prague, Czech Republic, July **2009**, *P1.257*, page 324.

15) "Polyfluoroketones: A fascinating tool in the quest for $iPLA_2$ selective inhibitors" C. G. Kokotos and G. Kokotos, 3rd Hellenic Symposium on Organic Chemistry, Athens, Greece, October **2009**, *L12*, page 40.

16) ""Difficult" Michael reactions organocatalysed by novel bifunctional thioureas" C. G. Kokotos and G. Kokotos, 3rd Hellenic Symposium on Organic Chemistry, Athens, Greece, October **2009**, *P21*, page 81.

17) "Pyrrolidine/thiohydantoins as novel highly efficient catalysts for the asymmetric Michael addition" D. Limnios, C. G. Kokotos, D. Triggidou and G. Kokotos, 14rd Hellenic Symposium on Medicinal Chemistry, Thessaloniki, Greece, April **2009**, page 125.

18) "Bifunctional catalysts bearing novel scaffolds for the efficient Michael addition" C. G. Kokotos, D. Limnios and G. Kokotos, 1st ORCA Meeting, Berlin, Germany, March **2011**, page 34.

19) "Primary amine-thioureas with improved catalytic properties for "difficult" Michael reactions" C. G. Kokotos and M. Tsakos, 17th European Symposium on Organic Chemistry, Crete, Greece, July **2011**, *P1.025*, page 21.

20) "Novel pyrrolidine-thiohydantoins/thioxotetrahydropyrimidinones as highly effective catalysts for the asymmetric Michael addittion" D. Limnios, C. G. Kokotos and G. Kokotos, 17th European Symposium on Organic Chemistry, Crete, Greece, July **2011**, *P1.225*, page 31.

21) "Prolinamides carrying thiourea group as new catalysts for the asymmetric aldol reaction" S. Fotaras, C. G. Kokotos and G. Kokotos, 17th European Symposium on Organic Chemistry, Crete, Greece, July **2011**, *P1.258*, page 32.

22) "An efficient enantioselective synthesis of (*R*)-baclofen" M. Tsakos, C. G. Kokotos and G. Kokotos, 17th European Symposium on Organic Chemistry, Crete, Greece, July **2011**, *P1.260*, page 32.

23) "Enantioselective α-alkylation of ketones catalysed by a novel pyrrolidine-thioxotetrahydropyrimidinone catalyst" M. Trifonidou and C. G. Kokotos, 17th European Symposium on Organic Chemistry, Crete, Greece, July **2011**, *P1.263*, page 32.

24) "Primary Amine-thioureas as an Efficient Organocatalyst for the Enantioselective Michael Addition of Aromatic Methyl Ketones to Nitroalkenes. Syntheses of Enantiopure (*R*)-Baclofen and (*S*)-Phenibut" M. Tsakos, C. G. Kokotos and G. Kokotos, Challenges in Organic Chemistry and Chemical Biology (ISACS7), Edinburgh, UK, June **2012**, *P04*, page 63.

25) "Construction of Tertiary Alcohols Bearing Perfluoroalkyl Chains Catalyzed by Prolinamide-Thioureas" C. G. Kokotos, Challenges in Organic Chemistry and Chemical Biology (ISACS7), Edinburgh, UK, June **2012**, *P07*, page 66.

26) "Simultaneous Determination of Aspartame, Alitame, Neotame and Advantame by HILIC-ESI-MS/MS", M. G. Kokotou, C. G. Kokotos and N. S. Thomaidis, 32nd European Peptide Symposium, Athens, Greece, *J. Peptide Sci.*, **2012**, 18, S1, *P068*, page S82.

27) "Novel Carbon Nanotube-Proline Based Organocatalyst Hybrid Materials", D. Chronopoulos, N. Karousis, M. Tsakos, C. G. Kokotos, G. Kokotos and N. Tagmatarchis, 32nd European Peptide Symposium, Athens, Greece, *J. Peptide Sci.*, **2012**, 18, S1, *P150*, page S112-113.

28) "Novel Ureas Based on Dipeptide Analogues as Organocatalysts for the Asymmetric Aldol Reaction", P. Revelou, C. G. Kokotos and P. Moutevelis-Minakakis, 32nd European Peptide Symposium, Athens, Greece, *J. Peptide Sci.*, **2012**, 18, S1, *P152*, page S113.

29) "Primary Amine-Thioureas Based on Dipeptides as Efficient Organocatalysts for Michael Reactions", D. Limnios, D. Spanou, C. G. Kokotos and G. Kokotos, 32nd European Peptide Symposium, Athens, Greece, *J. Peptide Sci.*, **2012**, 18, S1, *P155*, page S114.

30) "Primary Amino Acids as Organocatalysts for the Asymmetric α-Amination of Aldehydes", A. Theodorou, G. N. Papadopoulos and C. G. Kokotos, 32nd European Peptide Symposium, Athens, Greece, *J. Peptide Sci.*, **2012**, 18, S1, *P156*, page S114-115.

31) "The Importance of Hydrogen Bonding for the Catalysis of the Enantioselective Aldol Reaction by Tripeptide-like Prolinamide Thioureas", S. Fotaras, C. G. Kokotos and G. Kokotos, 32nd European Peptide Symposium, Athens, Greece, *J. Peptide Sci.*, **2012**, 18, S1, *P157*, page S115.

32) "Construction of Tertiary Alcohols Bearing Perfluoroalkyl Chains Catalyzed by Prolinamide-Thioureas" C. G. Kokotos, 3rd ORCA Meeting, Athens, Greece, November **2012**, page 30.

33) "Amino Acids as Organocatalysts for the Asymmetric α-Amination of Aldehydes" G. N. Papadopoulos, A, Theodorou and C. G. Kokotos, 3rd ORCA Meeting, Athens, Greece, November **2012**, page 31.

34) "Primary Amine-thioureas as an Efficient Organocatalyst for the Enantioselective Michael Addition of Aromatic Methyl Ketones to Nitroalkenes. Syntheses of Enantiopure (*R*)-Baclofen and (*S*)-Phenibut" M. Tsakos, C. G. Kokotos and G. Kokotos, 3rd ORCA Meeting, Athens, Greece, November **2012**, page 32.

35) "Primary Amine-Thioureas Based on Dipeptides as Efficient Organocatalysts for Michael Reactions", D. Limnios, D. Spanou, C. G. Kokotos and G. Kokotos, 3rd ORCA Meeting, Athens, Greece, November **2012**, page 36.

36) "Novel Ureas Based on Dipeptide Analogues as Organocatalysts for the Asymmetric Aldol Reaction", P. Revelou, C. G. Kokotos and P. Moutevelis-Minakakis, 3rd ORCA Meeting, Athens, Greece, November **2012**, page 38.

37) "β-*tert*-Butyl Aspartate as an Efficient Organocatalyst for the Enantioselective Synthesis of α,α-Disubstituted Amino Aldehydes and Amino Acids" G. N. Papadopoulos, A. Theodorou and C. G. Kokotos, 23rd American Peptide Symposium, Big Island, Hawaii, USA, June **2013**, page 317.

38) "Enantioselective Synthesis of α-Amino Acids from Aldehdydes Utilizing OrganoSOMO Catalysis" C. G. Kokotos, M. Amatore, P. Garcia-Garcia and D. W. C. MacMillan, 23rd American Peptide Symposium, Big Island, Hawaii, USA, June **2013**, page 317.

39) "Microwave-Assisted Organocatalytic Cross-Aldol Condensation of Aldehydes" D. Limnios and C. G. Kokotos, 44rd IUPAC World Chemistry Congress, Istanbul, Turkey, August **2013**, page 805.

40) "Organocatalysts Based on Aspartic Acid for the Asymmetric Epoxidation of Olefins" C. Spyropoulos, D. Limnios and C. G. Kokotos, 44rd IUPAC World Chemistry Congress, Istanbul, Turkey, August **2013**, page 1110.

41) "Amino Acids and Peptides as Efficient Catalysts for Various Asymmetric Transformations" C. G. Kokotos, 10th Australian Peptide Conference, Penang, Malaysia, September **2013**, page 137.

42) "Green Organocatalytic Oxidation of Substituted Anilines into Nitro-compounds and Azoxybenzenes" E. Voutyritsa, A. Theodorou and C. G. Kokotos, 12th Chemistry Conference Greece-Cyprus, Thessaloniki, Greece, May **2015**.

43) "One-pot Organocatalytic Oxidation of Allyl-oximes into Substituted Isooxazolines" I. Triandafillidi and C. G. Kokotos, 12th Chemistry Conference Greece-Cyprus, Thessaloniki, Greece, May **2015.**

44) "One-pot Synthesis of *O*-Allylhydroxylamines through the Organocatalytic Oxidation of Tertiary Allylic Amines followed by a [2,3]-Meisenheimer Rearrangement" A. Theodorou, D. Limnios and C. G. Kokotos, 12th Chemistry Conference Greece-Cyprus, Thessaloniki, Greece, May **2015**.

45) "One-pot Green Organocatalytic Synthesis of Lactones" M. Raftopoulou and C. G. Kokotos, 12th Chemistry Conference Greece-Cyprus, Thessaloniki, Greece, May **2015**.

46) "PhotoOrganocatalytic Hydroacylation of Dialkyl Azodicarboxylic Esters with the Use of Activated Ketones as Photocatalysts" G. Papadopoulos, D. Limnios and C. G. Kokotos, 12th Chemistry Conference Greece-Cyprus, Thessaloniki, Greece, May **2015**.

47) "4-Fluoro and 4-Hydroxy Pyrrolidine-thioxotetrahydropyrimidinones: Improved Organocatalysts for the Asymmetric Reactions in Brine" G. Koutologenis, N. Kaplaneris, M. Raftopoulou and C. G. Kokotos, 12th Chemistry Conference Greece-Cyprus, Thessaloniki, Greece, May **2015**

48) "4-Fluoro and 4-Hydroxy Pyrrolidine-thioxotetrahydropyrimidinones: Improved Organocatalysts for the Asymmetric Michael Reaction" N. Kaplaneris, G. Koutologenis, M.

Raftopoulou and C. G. Kokotos, 12th Chemistry Conference Greece-Cyprus, Thessaloniki, Greece, May **2015**.

49) "Novel Peptidic Derivatives of 2-Pyrrolidinone as Organocatalysts for the Asymmetric Aldol Reaction in Aqueous or Organic Medium" M. Sfetsa, I. Vlasserou, T. D. Gerokonstantis, C. G. Kokotos and P. Moutevelis-Minakakis, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

50) "High Resolution Mass Spectrometry Studies: Identification of the Elusive Epoxy Lactone Intermediate in the Enantioselective Organocatalytic Synthesis of 2-Oxopiperazines from Aldehydes" M. G. Kokotou, N. Kaplaneris, C. Spyropoulos and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

51) "High Resolution Mass Spectrometry Mechanistic Studies of the Reaction Pathways for the Oxidation of Aniline to Azoxybenzenes and Nitro Compounds" M. G. Kokotou, E. Voutyritsa, A. Theodorou and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

52) "Organocatalytic Synthesis of Lactones via a Green Oxidation of Alkenoic-acids" A. Savvidou, I. Triandafillidi and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

53) "Catalytic Hydroacylation of Diisopropyl Diazodicarboxylate by Graphite Flakes" G. S. Koutoulogenis and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

54) "Green Visible-Light Promoted Protection of Alcohols Utilizing Phenylglyoxylic Acid as the Photocatalyst" G. S. Koutoulogenis and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

55) "One-Pot Amide Bond Formation from Aldehydes and Amines via a Photoorganocatalytic Activation of Aldehydes" G. N. Papadopoulos and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

56) "Photoorganocatalytic One-Pot Synthesis of Hydroxamic Acids from Aldehydes" G. N. Papadopoulos and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

57) "Organocatalytic Synthesis of Polysubstituted Tetrahydrofurans from Alkenes" A. Theodorou and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

58) "Green Organocatalytic Synthesis of Isoxazolines via an One-pot Oxidation of Allyl-oximes" I. Triandafillidi and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

59) "Green Organocatalytic Dihydroxylation of Alkenes" I. Triandafillidi, A. Theodorou and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

60) "Green PhotoOrganocatalytic ATRA Addition of $BrCCl_3$ to Olefins" E. Voutyritsa and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

61) "Green Organocatalytic Oxidation of Sulfides to Sulfoxides and Sulfones" E. Voutyritsa, I. Triandafillidi and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

62) "Green Organocatalytic α-Hydroxylation of Ketones" E. Voutyritsa, A. Theodorou and C. G. Kokotos, Athens International Catalysis Symposium, Athens, Greece, November **2016**.

63) **"**Visible-Light-Mediated Catalytic Hydroacylation of Dialkyl Azodicarboxylates by Graphite Flakes" G. S. Koutoulogenis, M. G. Kokotou, E. Voutyritsa, D. Limnios and C. G. Kokotos, 5th Panhellenic Conference «Green Chemistry and Sustainable Development», Patraa, Greece, October **2017**.

64) «Ανάπτυξη Πράσινης Οργανοκαταλυτικής Σύνθεσης Βιοδραστικών Ενώσεων που φέρουν Βενζοδιϋδροφουράνιο», Ν. Σπηλιοπούλου, Ι. Τριανταφυλλίδη, Ι. Σιδέρη, Δ. Ι. Τζάρας, Χ. Γ. Κόκοτος, 5ο Πανελλήνιο Συνέδριο «Πράσινη Χημεία και Βιώσιμη Ανάπτυξη», Πάτρα, Ελλάδα, Οκτώβριος **2017**.

65) «Green Organocatalytic Synthesis of Dihydrobenzofurans from Allyl-Phenols Utilizing H_2O_2 and Synthesis of Bioactive Compounds», D. I. Tzaras, N. Spiliopoulou, I. Triantafillidi, I. Sideri and C. G. Kokotos, 4th CHAOS Meeting, C-H Activation in Organic Synthesis, Alcala, Spain, March **2018**.

66) "PhotoOrganocatalytic Atom Transfer Radical Addition of Bromoacetonitrile to Aliphatic Olefins" E. Voutyritsa, N. F. Nikitas, M. K. Apostolopoulou, A. D. D. Gerogiannopoulou and C. G. Kokotos, 4th CHAOS Meeting, C-H Activation in Organic Synthesis, Alcala, Spain, March **2018**.

67) "An Efficient Synthesis of γ-Lactones Utilizing Ketoacids and Trimethylsulfoxonium Iodide", I Triantafillidi and C. G. Kokotos, 5th CHAOS Meeting, C-H Activation in Organic Synthesis, Tarragona, Spain, September **2018**.

68) «Proline Dipeptides Containing Fluorine Moieties as Oganocatalysts for the Asymmetric Aldol Reaction», A. Ahmetlli, N. Spiliopoulou, A. M. Oikonomopoulou, D. T. Gerokonstantis, P. Moutevelis-Minakakis and C. G. Kokotos, 5th CHAOS Meeting, C-H Activation in Organic Synthesis, Tarragona, Spain, September **2018**.

69) "PhotoOrganocatalytic Synthesis of Acetals from Aldehydes", N. F. Nikitas and C. G. Kokotos, 5th COST CHAOS Working Group Meeting, Tarragona, Spain, September **2018**.

70) "PhotoOrganocatalytic Atom Transfer Radical Addition of Bromoacetonitrile to Aliphatic Olefins" E. Voutyritsa, N. F. Nikitas, M. K. Apostolopoulou, A. D. D. Gerogiannopoulou and C. G. Kokotos, Athens Conference on Advances in Chemistry (ACAC 2018), Athens, Greece, October-November **2018**.

71) "PhotoOrganocatalytic Synthesis of Acetals from Aldehydes", N. F. Nikitas and C. G. Kokotos, Athens Conference on Advances in Chemistry (ACAC 2018), Athens, Greece, October **2018**.

72) «Proline-Dipeptides as Organocatalysts for the Aldol Reaction», N. Spiliopoulou, A. Ahmetlli, D. T. Gerokonstantis, P. Moutevelis-Minakakis and C. G. Kokotos, Athens Conference on Advances in Chemistry, Athens, Greece, October **2018**.

73) "Green Photochemical C-H Alkenylation of Heterocycles" E. Voutyritsa, G. N. Papadopoulos and C. G. Kokotos, 6th COST CHAOS Scientific Meeting, Ayia Napa, Cyprus, April **2019**.

74) «Photochemical Aerobic Oxidation of Thiols to Disulfides», N. Spiliopoulou and C. G. Kokotos, 6th COST CHAOS Scientific Meeting, Ayia Napa, Cyprus, April **2019**.

75) "Green Photochemical Oxidation of Alcohols Utilizing Air as the Oxidant" N. F. Nikitas, D. I. Tzaras, I. Triandafillidi and C. G. Kokotos, 6th COST CHAOS Working Group Meeting, Ayia Napa, Cyprus, April **2019**.

76) "Photocatalytic Synthesis of *γ*-lactones from Alkenes: High Resolution Mass Spectrometry as a Tool to Study Photoredox Reactions", I Triantafillidi and C. G. Kokotos, 21st European Symposium on Organic Chemistry, Vienna, Austria, July **2019**.

77) "Photocatalytic Synthesis of γ-lactones from Alkenes", I Triantafillidi and C. G. Kokotos, EFMC-ASMC'19-EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry, Athens, Greece, September **2019**.

78) "Organocatalytic oxidation of substituted anilines to azoxybenzenes and nitro compounds: mechanistic studies excluding the involvement of a dioxirane intermediate" E. Voutyritsa, A. Theodorou, M. G. Kokotou and C. G. Kokotos, EFMC-ASMC'19-EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry, Athens, Greece, September **2019**.

79) "Photochemical oxidation of alcohols utilizing air as the oxidant", N. F. Nikitas, D. I. Tzaras, I. Triandafillidi and C. G. Kokotos, EFMC-ASMC'19-EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry, Athens, Greece, September **2019**.

80) «Novel Organocatalytic Epoxidation of Alkenes utilizing Hydroxamic Acids as the Catalyst», F. Trigka, I. Triandafillidi, A. Yfanti and C. G. Kokotos, 5th Green Conference on Green Chemistry: Green Chemistry and Sustainable Development, Athens, Greece, October **2019**.

81) «Green Photochemical Synthesis of Hydroxamic Acids and Benzyl Esters from Aldehydes», M. K. Apostolopoulou and C. G. Kokotos, 5th Green Conference on Green Chemistry: Green Chemistry and Sustainable Development, Athens, Greece, October **2019**.

82) «Photochemical Aerobic Oxidation of Thiols to Disulfides», N. Spiliopoulou and C. G. Kokotos, 5th Green Conference on Green Chemistry: Green Chemistry and Sustainable Development, Athens, Greece, October **2019**.

83) «Green Photocatalytic Synthesis of Amides from Aldehydes», Anna Tsoukaki, Elpida Skolia, Nikolaos F. Nikitas and C. G. Kokotos, 5th Green Conference on Green Chemistry: Green Chemistry and Sustainable Development, Athens, Greece, October **2019**.

84) «Photochemical Synthesis of Benzimidazoles from Diamines and Aldehydes», Elpida Skolia and C. G. Kokotos, EFMC-ISMC & EFMC-YMCS, Virtual Conference, September **2020**.

85) «Photochemical Synthesis of γ-Lactones from Alkenes", C. T. Constantinou and C. G. Kokotos, EFMC-ISMC & EFMC-YMCS, Virtual Conference, September **2020**.

86) «Thioxanthen-9-one: A Powerful Organocatalyst for Photochemical Organic Transformations», N. F. Nikitas and C. G. Kokotos, Sci-ViSYOChem, (oral presentation by N. F. Nikitas) November **2020**.

87) «Photochemical Activation of Aromatic Aldehydes: Synthesis of Amides, Hydroxamic Acids and Esters», E. Skolia, N. F. Nikitas, M. K. Apostolopoulou, A. Tsoukaki and C. G.

Kokotos, 1st Athens Summer School on Organic Synthesis ASSOS2021 and International Young Invesitgator Symposium on Organic Synthesis, Virtual Edition, (oral presentation by E. Skolia) August **2021**.

88) «Photochemical Friedel-Crafts Alkylation of Indoles Utilizing Thioxanthone as the Catalyst», E. M. Galathri, N. F. Nikitas and C. G. Kokotos, 1st Athens Summer School on Organic Synthesis ASSOS2021 and International Young Invesitgator Symposium on Organic Synthesis, Virtual Edition, (oral presentation by E. M. Galathri) August **2021**.

89) «Thioxanthen-9-one: A Powerful Organocatalyst for Photochemical Organic Transformations», N. F. Nikitas and C. G. Kokotos, 1st Athens Summer School on Organic Synthesis ASSOS2021 and International Young Invesitgator Symposium on Organic Synthesis, Virtual Edition, (oral presentation by N. F. Nikitas) August **2021**.

90) «PhCOCOOH – mediated Photochemical Reactions: Mechanistic insights" P. L. Gkizis and C. G. Kokotos, 1st Athens Summer School on Organic Synthesis ASSOS2021 and International Young Invesitgator Symposium on Organic Synthesis, Virtual Edition, (oral presentation by P. L. Gkizis) August **2021**.

91) «Photochemistry: Art induced by Light" P. L. Gkizis and C. G. Kokotos, Institute of Organic Chemistry – RWTH Aachen, Aachen, (oral presentation by P. L. Gkizis) September **2021**.

92) «Mechanochemical Approach towards Chan-Lam cross coupling reaction" P. L. Gkizis and C. G. Kokotos, COST webinar No 29 – CA 18112 Mechanochemistry for Sustainable Industry, Virtual event, (oral presentation by P. L. Gkizis) January **2022**.

93) «Cyrene: A Promising Green Solvent for Cross-Coupling Reactions», N. A. Stini, P. L. Gkizis and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by N. A. Stini) March **2022**.

94) «Photochemical Oxidation of Sulfides to Sulfoxides Using Air as the Oxidant», E. Skolia, P. L. Gkizis, N. F. Nikitas and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by E. Skolia) March **2022**.

95) «Photochemical Friedel-Crafts Alkylations: Green and Mild Reaction of Aldehydes with Indoles», E. M. Galathri, N. F. Nikitas, N. Spiliopoulou and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by E. M. Galathri) March **2022**.

96) «Photochemical anti-Markovnikov Addition of Amino-Chloro Derivatives to Olefins", C. T. Constantinou, O. T. G. Lagopanagiotopoulou, N. F. Nikitas, E. Skolia and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by C. T. Constantinou) March **2022**.

97) «Schreiner's Thiourea: A Novel Catalyst in the Photochemical Synthesis of Acetals", N. Spiliopoulou, N. F. Nikitas and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by N. Spiliopoulou) March **2022**.

98) «Green and Sustainable Aerobic Photochemical Oxidation of Sulfides to Sulfoxides", C. Spyropoulou, E. Skolia and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by C. Spyropoulou) March **2022**.

99) «Photoorganocatalysis as a Multifunctional Tool for Chemical Diversification», N. F. Nikitas and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by N. F. Nikitas) March **2022**.

100) «Azodicarboxylates under Photocatalyst-free Conditions», M. Kartsinis, N. A. Stini, N. F. Nikitas, N. Spiliopoulou, E. Poursaitidis, P. Ananida-Dasenaki and C. G. Kokotos, 1st Symposium of Graduate Students of the Chemistry Department of the National and Kapodistrian University of Athens, Athens, Greece, (oral presentation by M. Kartsinis) March **2022**.

101) «Photoorganocatalytic Hydroacylation of Dialkyl Maleates utilizing Naphthaloylidenebenzimidazole (NBI) as the Catalyst», E. M. Galathri and C. G. Kokotos, 2nd Athens Summer School on Organic Synthesis ASSOS2022 and 2nd International Young Investigator Symposium on Organic Synthesis, Athens, Greece, (oral presentation by E. M. Galathri) July **2022**.

102) «[2+2] Cycloadditions of Alkenes with Maleimides Promoted by Visible Light and Thioxanthone», E. Skolia and C. G. Kokotos, 2nd Athens Summer School on Organic Synthesis ASSOS2022 and 2nd International Young Investigator Symposium on Organic Synthesis, Athens, Greece, (oral presentation by E. Skolia) July **2022**.

103) «A Novel, Sustainable and Green Protocol for the Aerobic Photooxidation of Sulfides: Easy Access to APIs" P. L. Gkizis and C. G. Kokotos, 2nd Athens Summer School on Organic Synthesis ASSOS2022 and 2nd International Young Investigator Symposium on Organic Synthesis, Athens, Greece, (oral presentation by P. L. Gkizis) July **2022**.

104) «HFIP-assisted [2+2] Photocycloaddition Reaction of Alkynes with Maleimides Promoted by Thioxanthone" N. F. Nikitas and C. G. Kokotos, 2nd Athens Summer School on Organic Synthesis ASSOS2022 and 2nd International Young Investigator Symposium on Organic Synthesis, Athens, Greece, (oral presentation by N. F. Nikitas) July **2022**.

105) «Photoacids: A Novel Catalytic Approach in the Service of Organic Chemistry" N. Spiliopoulou and C. G. Kokotos, 2nd Athens Summer School on Organic Synthesis ASSOS2022 and 2nd International Young Investigator Symposium on Organic Synthesis, Athens, Greece, (oral presentation by N. Spiliopoulou) July **2022**.

106) «Cyrene: A Bio-based Solvent for the Mizoroki-Heck Reaction" N. A. Stini, P. L. Gkizis and C. G. Kokotos, 2nd Athens Summer School on Organic Synthesis ASSOS2022 and 2nd International Young Investigator Symposium on Organic Synthesis, Athens, Greece, (oral presentation by N. A. Stini) July **2022**.

107) «Aerobic and Photocatalyst-free Oxidation of Aldehydes to Carboxylic Acids Promoted by Light" C. S. Batsika, C. Koutsilieris, G. S. Koutoulogenis, M. G. Kokotou, C. G. Kokotos and G. Kokotos, 2nd Athens Summer School on Organic Synthesis ASSOS2022 and 2nd International Young Investigator Symposium on Organic Synthesis, Athens, Greece, (oral presentation by C. S. Batsika) July **2022**.

108) «Aerobic and Catalyst-free Oxidation of Aldehydes to Acids Promoted by Sunlight or UVA-light" C. S. Batsika, C. Koutsilieris, G. S. Koutoulogenis, M. G. Kokotou, C. G. Kokotos and G. Kokotos, 9th IUPAC International Conference on Green Chemistry, Athens, Greece, September **2022**.

109) «Sustainable Aerobic Photochemical Oxidation of Sulfides to Sulfoxides», E. Skolia, P. L. Gkizis, N. F. Nikitas and C. G. Kokotos, 2nd Virtual Symposium for Young Organic Chemists of Societá Chimica Italiana, (oral presentation by E. Skolia) October **2022**.

Κριτής ερευνητικών προτάσεων προς χρηματοδότηση

1. Hungarian Research Foundation
2. Polish Research Foundation
3. ΕΛΙΔΕΚ
4. ΓΓΕΤ (Ερευνώ-Δημιουργ-Καινοτομώ, Clawback, κλπ)
5. Cyprus Research Foudnation
6. Israel Research Foundation
7. Slovakian Research Foundation
8. Serbian Research Foundation
9. German Research Foundation

10. Italian Research Foundation
11. :Qatar Research Foundation
12. Dutch Research Counsil

Κριτής σε διεθνή περιοδικά

1) Advanced Synthesis and Catalysis
2) Accounts of Chemical Research
3) ACS Catalysis
4) ACS Sustainable Chemistry and Engineering
5) Angewandte Chemie International Edition
6) Biochemistry
7) Chemistry a European Journal
8) Chemical Papers
9) Chem. Commun.
10) ChemCatChem
11) Chemical Science
12) Chem. Soc. Rev.
13) ChemSusChem
14) Chem. Rev.
15) ChemPlusChem
16) ChemPhotoChem
17) E-Journal of Chemistry
18) European Journal of Organic Chemistry
19) Green Chemistry
20) Journal of the American Chemical Society
21) Journal of Chemistry
22) Journal of Heterocyclic Chemistry
23) Journal of Organic Chemistry
24) Journal of Molecular Catalysis B: Enzymatic
25) Letters in Organic Chemistry
26) Molecules
27) Monaschafte fur Chemie
28) Org. Biomol. Cherm.
29) Org. Chem. Front.
30) Org. Lett.
31) Research on Chemical Intermediates
32) RSC Advances
33) Synlett
34) Synthetic Communications
35) Synthesis
36) Tetrahedron

37) Tetrahedron Letters
38) Trends in Chemistry