

A decorative graphic on the right side of the page. It features three blue circles of varying sizes, each composed of concentric circles with a gradient from dark blue to light blue. Two thin blue lines intersect at the top left and extend diagonally across the page, framing the circles.

Κατερίνα Σταματελάτου

Βιογραφικό Σημείωμα

Katerina Stamatelatu

Curriculum Vitae

A. Προσωπικά στοιχεία (Personal data)

Όνοματεπώνυμο (Full name)	Κατερίνα Σταματελάτου	Katerina Stamatelatou
Όνομα πατρός (Father's name)	Νικόλαος	Nikolaos
Όνομα μητρός (Mother's name)	Γιαννούλα	Giannoula
Ημ/νία γέννησης (Birth date)	20 Ιουλίου 1971	20 July 1971
Οικ. κατάσταση (Marital status)	Άγαμος	Single
Τηλέφωνο (Telephone)	0030 254 1079315	
Κινητό τηλέφωνο (Mobile)	0030 697 4306925	
e-mail	astamat@env.duth.gr	

B. Σπουδές (Education)

1989	Απόφοιτος Πρότυπου Λυκείου Πατρών	Graduated from the "Protipon" Lyceum of Patras, Greece
Ιούλιος (July) 1994	Διπλωματούχος Χημικός Μηχανικός Πανεπιστημίου Πατρών (Λίαν καλώς, 7.98)	Diploma of Chemical Engineering, University of Patras, Greece (grade 7.98)
Οκτώβριος (October) 99	Διδάκτορας του τμήματος Χημικών Μηχανικών του Πανεπιστημίου Πατρών. Θέμα διδακτορικής διατριβής: «Βελτιστοποίηση συστημάτων αναερόβιας χώνευσης»	PhD in Chemical Engineering, University of Patras, Greece. Title of thesis: "Optimisation of anaerobic digestion systems"

Γ. Υποτροφίες – Διακρίσεις (Scholarship – awards)

Χρηματικό Βραβείο από το Ι.Κ.Υ., για τη δεύτερη θέση επιτυχίας στο τμήμα Χημικών Μηχανικών του Πανεπιστημίου Πατρών (1989).	Award from the Hellenic Foundation of Scholarships for the second position in the rank of introduction in the department of Chemical Engineers of University of Patras in 1989.
Τιμητική Αναγνώριση και Χρηματικό Βραβείο από το ΤΕΕ, για την επιτευχθείσα απόδοση κατά το πέμπτο έτος σπουδών στο τμήμα Χημικών Μηχανικών του Πανεπιστημίου Πατρών (1994).	Award from the Technical Chamber of Greece for the high performance in the fifth year of graduate studies in the department of Chemical Engineers of University of Patras (1994).
Υποτροφία από το Ινστιτούτο Επιστημών	Post graduate scholarship from the Institute

Χημικής Μηχανικής κατά την περίοδο 1994-1998 of Chemical Engineering Sciences during 1994-1998

Δ. Επαγγελματική σταδιοδρομία (Professional career)

2010-σήμερα	Επ. καθηγήτρια Τμήμα Μηχανικών Περιβάλλοντος, Δημοκρίτειο Πανεπιστήμιο Θράκης	Assistant Professor Department of Environmental Engineers, Democritus University of Thrace, Greece
2012-σήμερα	Συνεργαζόμενο Εκπαιδευτικό Προσωπικό (ΣΕΠ) Μεταπτυχιακό πρόγραμμα σπουδών «Περιβαλλοντικός Σχεδιασμός Έργων Υποδομής», Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ)	Associate Educational Personnel Postgraduate Program of Studies “Environmental Design of Infrastructure Works”, Hellenic Open University
2001 – 2010	Ειδικό Τεχνικό Εργαστηριακό Προσωπικό (ΕΤΕΠ) Τμήμα Χημικών Μηχανικών, Πανεπιστήμιο Πατρών.	Specialised Technical Laboratory Personnel Department of Chemical Engineering, University of Patras, Greece
1999 – 2010	Μεταδιδακτορικός Συνεργάτης – Ερευνητής Εργαστήριο Βιοχημικής Μηχανικής και Τεχνολογίας Περιβάλλοντος, Τμήμα Χημικών Μηχανικών, Πανεπιστήμιο Πατρών.	Postdoc researcher Laboratory of Biochemical Engineering and Environmental Technology, Department of Chemical Engineering, University of Patras, Greece
1997	Άδεια άσκησης επαγγέλματος Χημικού Μηχανικού από το ΤΕΕ	License of Chemical Engineer from Hellenic Technical Chamber

Ε. Ξένες γλώσσες (Knowledge of foreign languages)

Αγγλικά (Proficiency)

English (Cambridge Proficiency Degree)

Z. Δραστηριότητες - Εμπειρία (Activities-Experience)

Z1. Διδακτική Εμπειρία (Teaching experience)

2009 –	<p>Προπτυχιακά μαθήματα «Τεχνική φυσικών διεργασιών», «Τεχνική χημικών και βιοχημικών διεργασιών» Τμήμα Μηχανικών Περιβάλλοντος, Δημοκρίτειο Πανεπιστήμιο Θράκης</p>	<p>Undergraduate courses “Physical Unit Operations”, “Chemical and Biochemical Unit Operations” Department of Environmental Engineers, Democritus University of Thrace, Greece</p>
	<p>Μεταπτυχιακά μαθήματα «Τεχνική χημικών διεργασιών» (2010-), «Προσομοίωση και έλεγχος μονάδων επεξεργασίας υγρών απόβλητων» (2011-) Τμήμα Μηχανικών Περιβάλλοντος, Δημοκρίτειο Πανεπιστήμιο Θράκης</p>	<p>Postgraduate courses “Chemical and Biochemical Unit Operations” (2010-), “Simulation and Control of Wastewater Treatment Units” (2011-) Department of Environmental Engineers, Democritus University of Thrace, Greece</p>
2012-2013	<p>Μεταπτυχιακό μάθημα «Τεχνολογία Αντιμετώπισης Περιβαλλοντικών Επιπτώσεων (ΠΣΕ61)» Μεταπτυχιακό πρόγραμμα σπουδών «Περιβαλλοντικός Σχεδιασμός Έργων Υποδομής», Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ)</p>	<p>Postgraduate course “Technology for Managing Environmental Impacts ” Postgraduate Program of Studies “Environmental Design of Infrastructure Works”, Hellenic Open University</p>
2001-2010	<p>Εργαστήρια στα προπτυχιακά μαθήματα «Υπολογιστές και αλγόριθμοι», «Εισαγωγή στον προγραμματισμό» και «Αριθμητική ανάλυση» Τμήμα Χημικών Μηχανικών, Πανεπιστήμιο Πατρών.</p>	<p>Lab courses for the postgraduate courses “Computers and algorithms”, “Introduction to programming”, “Numerical analysis” Department of Chemical Engineering, University of Patras, Greece</p>
1994-1998	<p>Επικουρία στα προπτυχιακά μαθήματα (Τμήμα Χημικών Μηχανικών, Πανεπιστήμιο Πατρών):</p>	<p>Assistance in the postgraduate courses (Department of Chemical Engineering, University of Patras, Greece):</p>
1994-1995	<p>Εργαστήριο Οργανικής Χημείας</p>	<p>Laboratory of Organic Chemistry</p>
1994-1996	<p>Προσομοίωση και Ρύθμιση</p>	<p>Process Simulation and Control</p>
1995-1996	<p>Διεργασιών</p>	<p>Laboratory of Physical Unit</p>
1996-1997	<p>Εργαστήριο Φυσικών Διεργασιών</p>	<p>Operations</p>
1997-1998	<p>Εισαγωγή στους ηλεκτρονικούς</p>	

1997-1998	υπολογιστές & εργαστήριο Βασικές Αρχές Βιοχημικής Μηχανικής	<i>Introduction to personal computers and laboratory Principles of Biochemical Engineering)</i>
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22. Επίβλεψη Μεταπτυχιακών Διατριβών και Διπλωματικών Εργασιών (supervising of theses)

- Μεταπτυχιακές Διατριβές (postgraduate theses)

Νικολέττα Γιάντσιου «Αναερόβια επεξεργασία αποβλήτων τυροκομείου σε μονάδα δύο σταδίων», 2012, Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντική Μηχανική και Επιστήμη, τμήμα Μηχανικών Περιβάλλοντος, Δημοκρίτειο Πανεπιστήμιο Θράκης.	Nikoleta Giantsiou “Anaerobic treatment of cheese whey wastewater in a two stage unit”, 2012, Program of Postgraduate Studies “Environmental Engineering and Science”, Department of Environmental Engineers, Democritus University of Thrace, Greece
Νικόλαος Συμεωνίδης «Επίδραση του ζεόλιθου στην αναερόβια χώνευση αποβλήτων χοιροτροφείου» (2013), Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντική Μηχανική και Επιστήμη, τμήμα Μηχανικών Περιβάλλοντος, Δημοκρίτειο Πανεπιστήμιο Θράκης.	Nikolaos Symeonidis “Impact of zeolite on the anaerobic digestion of piggery wastewater” (2013), Program of Postgraduate Studies “Environmental Engineering and Science”, Department of Environmental Engineers, Democritus University of Thrace, Greece
Παναγιώτης Μιχαηλίδης «Μελέτη των διεργασιών κατά την οξεογένεση αποβλήτου τυροκομείου – Επίδραση της θερμοκρασίας» (2014), Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντική Μηχανική και Επιστήμη, τμήμα Μηχανικών Περιβάλλοντος, Δημοκρίτειο Πανεπιστήμιο Θράκης.	Panagiotis Michailidis “Acidogenesis processes of cheese whey wastewater. Impact of temperature” (2014), Program of Postgraduate Studies “Environmental Engineering and Science”, Department of Environmental Engineers, Democritus University of Thrace, Greece
Αικατερινη Χριστοδούλου " Νομοθεσία περί διαχείρισης αστικής ιλύος: Διαφοροποιήσεις σε παγκόσμιο επίπεδο " (2015). Μεταπτυχιακό πρόγραμμα σπουδών: Τεχνολογίες Περιβάλλοντος στην Περιβαλλοντική Νομοθεσία, τμήμα Μηχανικών Περιβάλλοντος, Δημοκρίτειο Πανεπιστήμιο Θράκης.	Aikaterini Christodoulou " Overview of legislation on sewage sludge management worldwide" (2015). Program of Postgraduate Studies “the technologies of environmental legislation”, Department of Environmental Engineers, Democritus University of Thrace, Greece
Χαράλαμπος Λιθουργίδης «Εκτίμηση της	Charalabos Lithourgidis “Assessment of

<p>επιβάρυνσης της αγροτικής δραστηριότητας σε υδάτινους αποδέκτες του Νομού Σερρών» (2013), Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντικός Σχεδιασμός Έργων Υποδομής, Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ).</p>	<p>agricultural burden on aqueous receivers of the prefecture of Serres” (2013), Postgraduate Program of Studies “Environmental Design of Infrastructure Works”, Hellenic Open University</p>
<p>Κωνσταντίνος Ντέμκας " Αξιολόγηση διαφόρων μεθόδων επεξεργασίας της ιλύος, η περίπτωση των ΕΕΛ του Βόλου" (2014), Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντικός Σχεδιασμός Έργων Υποδομής, Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ).</p>	<p>Konstantinos Ntemkas "Evaluation of various methods of sludge treatment, the case o/WWTR of Volos" (2014), Postgraduate Program of Studies “Environmental Design of Infrastructure Works”, Hellenic Open University</p>
<p>Μανωλία Σαρρή " Διαχείριση αποβλήτων τυροκομείων στο νομο Ρεθύμνου. Υφισταμενη κατάσταση και προοπτικές" (2014), Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντικός Σχεδιασμός Έργων Υποδομής, Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ).</p>	<p>Manolia Sarri " Management of cheese whey wastewater in the prefecture of Rethymno Current situation and perspectives "(2014), Postgraduate Program of Studies “Environmental Design of Infrastructure Works”, Hellenic Open University</p>
<p>Ιωάννης Σαμαράς " Προεπεξεργασία αστικής ιλύος για την βελτίωση της διεργασίας της αναερόβιας χώνευσης – αξιολόγηση τεχνολογιών" (2015), Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντικός Σχεδιασμός Έργων Υποδομής, Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ).</p>	<p>Ioannis Samaras "Pretreatment of sewage sludge for the improvement of the anaerobic digestion process - evaluation of technologies" (2015), Postgraduate Program of Studies “Environmental Design of Infrastructure Works”, Hellenic Open University</p>
<p>Μαριαλένα Κωνσταντή " Προσομοίωση της λειτουργίας μονάδων βιολογικού καθαρισμού αστικών υγρών αποβλήτων στην Περιφέρεια Ηπείρου", Μεταπτυχιακό Πρόγραμμα Σπουδών: Περιβαλλοντικός Σχεδιασμός Έργων Υποδομής, Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ).</p>	<p>Marialena Konstanti "Simulation of operation of wastewater treatment units of urban waste water in the region of Epirus " (2015), Postgraduate Program of Studies “Environmental Design of Infrastructure Works”, Hellenic Open University</p>

- Προπτυχιακές Διπλωματικές Εργασίες (undergraduate theses)

<p>Ιωάννα Φλώρου «Μεθανογόνος ενεργότητα αναερόβιας ιλύος κατά την επεξεργασία αποβλήτων τυροκομείου» (2014), Δημοκρίτειο Πανεπιστήμιο Θράκης, τμήμα Μηχανικών Περιβάλλοντος</p>	<p>Ioanna Florou “Methanogenic activity of anaerobic sludge during the cheese whey wastewater treatment” (2014), Department of Environmental Engineers, Democritus University of Thrace, Greece</p>
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Μαρινέλα Ζούρκα " Ενεργειακή αξιοποίηση υπολειμμάτων καλλιέργειας ηλίανθου " (2015), Δημοκρίτειο Πανεπιστήμιο Θράκης, τμήμα Μηχανικών Περιβάλλοντος

Marinela Zourka "Energy valorisation of residues from sunflower crops" (2015), Department of Environmental Engineers, Democritus University of Thrace, Greece

Z3. Οργάνωση διεθνών συνεδρίων (Organizing international conferences)

Πρόεδρος της επιστημονικής επιτροπής στο διεθνές συνέδριο « IWA Balkan Young Water Professionals Conference 2015», 10-12 May 2015 Thessaloniki, Greece

Chair of the scientific committee of the international conference « IWA Balkan Young Water Professionals Conference 2015», 10-12 May 2015 Thessaloniki, Greece

Πρόεδρος της επιστημονικής επιτροπής και μέλος της οργανωτικής επιτροπής στο διεθνές συνέδριο «*Asset management for enhancing energy efficiency in water and wastewater systems*», April 24-26, 2013, Marbella, Spain.

Chair of the scientific committee and member of the organizing committee of the international conference «*Asset management for enhancing energy efficiency in water and wastewater systems*», April 24-26, 2013, Marbella, Spain.

Μέλος της οργανωτικής και επιστημονικής επιτροπής στο διεθνές συνέδριο «*2nd International Conference on Engineering for Waste Valorisation*», June 3-5, 2008, Patras, Greece.

Member of the organizing and scientific committee of the international conference «*2nd International Conference on Engineering for Waste Valorisation*», June 3-5, 2008, Patras, Greece.

Μέλος της οργανωτικής και επιστημονικής επιτροπής «*Protection and Restoration of the environment IX*», 29 June-3July, 2008, Kefalonia, Greece.

Member of the organizing and scientific committee of the international conference «*Protection and Restoration of the environment IX*», 29 June-3July, 2008, Kefalonia, Greece.

Z4. Άλλο έργο (other types of scientific activities)

Κριτής στα εξής περιοδικά (**Reviewer in the following journals**):

- Journal of Hazardous Materials
- International Journal of Hydrogen
- Biomass and Bioenergy
- Waste and Biomass Valorisation
- Waste Management
- Renewable Energy
- Journal of Chemical Technology and Biotechnology
- Bioresource Technology

Συνεργάτης εκδότη στο περιοδικό Water Science and Technology (*Associate editor in "Water Science and Technology"*)

Επιμέλεια βιβλίου (Co-Editor of): Sewage Treatment Plants: Economic Evaluation of Innovative Technologies for Energy Efficiency, edited by **K. Stamatelatou** and K. Tsagarakis, IWA publishing 2015, London, UK.

H. Δημοσιεύσεις (Publications)

H1. Διεθνή Επιστημονικά Περιοδικά με Κριτές (Peered reviewed international journals)

1. G. Lyberatos, H.N. Gavala and **A. Stamatelatos** (1997). "An integrated approach for management of agricultural industries wastewaters", *Nonlinear Analysis, Theory, Methods and Applications*, **30**, 2341-2351.
2. **K. Stamatelatos**, G. Lyberatos, C. Tsiligiannis, S. Pavlou, P. Pullammanappallil and S.A. Svoronos (1997). "Optimal and Suboptimal Control of Anaerobic Digesters", *Environmental Modeling and Assessment*, **2**, 355-363.
3. H.N. Gavala, H. Kopsinis, I.V. Skiadas, **K. Stamatelatos** and G. Lyberatos (1999). "Treatment of dairy wastewater using a UASBR", *Journal of Agricultural Engineering Research*, **73**, 59-63.
4. **K. Stamatelatos** and G. Lyberatos (2002). "Simulation of a Periodic Anaerobic Baffled Reactor (PABR): Steady-state and Dynamic Response", *Water Science and Technology*, **45(10)**, 81-86.
5. **K. Stamatelatos**, C. Frouda, M.S. Fountoulakis, P. Drillia, M. Kornaros and G. Lyberatos, (2003), "Pharmaceuticals and health care products in wastewater effluents: the example of carbamazepine", *Water Science and Technology: Water Supply*, **3 (4)**, 131–137.
6. **K. Stamatelatos**, K. Dravillas and G. Lyberatos, (2003), "Methane production from sweet sorghum residues via a two-stage process" *Water Science & Technology*, **48 (4)**, 235–238
7. **K. Stamatelatos**, V. Vavilin and G. Lyberatos, (2003), "Performance of a glucose fed periodic anaerobic baffled reactor under increasing organic loading conditions: 1. Experimental results", *Bioresource Technology*, **88(2)**, 131-136.
8. **K. Stamatelatos**, L. Lokshina, V. Vavilin and G. Lyberatos, (2003), "Performance of a glucose fed periodic anaerobic baffled reactor under increasing organic loading conditions: 2. Model prediction", *Bioresource Technology*, **88(2)**, 137-142.
9. Fountoulakis, M., Drilla, P., **Stamatelatos, K.**, Lyberatos, G. (2004). Toxic effect of pharmaceuticals on methanogenesis. *Water Science and Technology*, **50(5)**, 335-340.
10. **Stamatelatos K.**, Skiadas I. and Lyberatos G. (2004). On the behaviour of the periodic anaerobic baffled reactor (PABR) during the transition from carbohydrate to protein-based Feedings, *Bioresource Technology*, **92 (3)**, 321-326
11. P. Drillia, **Stamatelatos K.** and Lyberatos G. (2005), "Fate and mobility of pharmaceuticals in solid matrices". *Chemosphere*, **60**, 1034-1044.

12. P.Drillia, S.N.Dokianakis, M.S.Fountoulakis, M.Kornaros, **K.Stamatelatou** and G. Lyberatos (2005). "On the occasional biodegradation of pharmaceuticals in the activated sludge process: the example of the antibiotic sulphamethoxazole". *Journal of Hazardous Materials*, **122**, 259-265.
13. M. Fountoulakis, P. Drillia, C. Pakou, A. Kampioti, **K. Stamatelatou** and G. Lyberatos (2005). "Analysis of nonylphenol and nonylphenol ethoxylates in sewage sludge by high performance liquid chromatography following microwave-assisted extraction", *J. Chromatography A*, **1089**, 45-51
14. Fountoulakis, M.S., **Stamatelatou, K.**, Batstone, D.J., Lyberatos, G. (2006). Simulation of DEHP biodegradation and sorption during the anaerobic digestion of secondary sludge. *Water Science and Technology*, **54 (4)**, pp. 119-128.
15. Kalfas, H., Skiadas, I.V., Gavala, H.N., **Stamatelatou, K.**, Lyberatos, G. (2006). Application of ADM1 for the simulation of anaerobic digestion of olive pulp under mesophilic and thermophilic conditions. *Water Science and Technology*, **54 (4)**, pp. 149-156.
16. Schmidt, J.E., Christensen, N., Batstone, D.J., Trably, E., Lyberatos, G., **Stamatelatou, K.**, Kornaros, M., Metzger, L., Amellal, N., Watson, J., García, K., Ayuso, S., Patureau, D. (2006). Safe recycling of sewage sludge on agricultural land-biowaste. *Process Safety and Environmental Protection*, **84 (4 B)**, pp. 253-257.
17. Pakou, C., Fountoulakis, M., Drillia, P., Kampioti, A., **Stamatelatou, K.**, Lyberatos, G. (2007). Occurrence and fate of polycyclic aromatic hydrocarbons in sewage treatment plants using microwave-assisted extraction followed by liquid chromatography coupled with fluorescence detector. *Fresenius Environmental Bulletin*, **16 (2)**, pp. 127-132.
18. Pakou, C., **Stamatelatou, K.**, Kornaros, M. and Lyberatos, G. (2007). On the complete aerobic microbial mineralization of linear alkylbenzene sulfonate. *Desalination*. 215, 198-208.
19. M. S. Fountoulakis, **K. Stamatelatou**, and G. Lyberatos (2008). "The Effect Of Pharmaceuticals On The Kinetics Of Methanogenesis And Acetogenesis". *Bioresource Technology*. **99 (15)**, 7083-7090.
20. G. Antonopoulou, **K. Stamatelatou**, N. Venetsaneas, M. Kornaros and G. Lyberatos (2008). "Biohydrogen and methane production from cheese whey in a two –stage anaerobic process", *Industrial & Engineering Chemistry Research*, **47(15)**, 5227-5233.
21. Ntaikou, C. Kourmentza, E.C. Koutrouli, **K. Stamatelatou**, A. Zampraka, M. Kornaros and G. Lyberatos (2009) "Exploitation of olive oil mill wastewater for combined biohydrogen and biopolymers production" *Bioresource Technology*, **100**, 3724-3730.
22. C. Pakou, M. Kornaros, **K. Stamatelatou** and G. Lyberatos (2009). "On the fate of LAS, NPEOs and DEHP in municipal sewage sludge during composting", *Bioresource Technology*, **100**,1634–1642.

23. N. Venetsaneas, G. Antonopoulou, **K. Stamatelatou**, M. Kornaros and G. Lyberatos (2009). «Using cheese whey for hydrogen and methane generation in a two-stage continuous process with alternative pH controlling approaches». *Bioresource Technology*, **100**, 3713-3737.
24. E.C. Koutrouli, H. Kalfas, H.N. Gavala, I.V. Skiadas, **K. Stamatelatou** and G. Lyberatos (2009). «Hydrogen and methane production through two-stage mesophilic anaerobic digestion of olive pulp». *Bioresource Technology*, **100**, 3718-3723.
25. **K. Stamatelatou**, A. Kopsahelis, P.S. Blika, C.A. Paraskeva and G. Lyberatos (2009) «Anaerobic digestion of olive mill wastewater in a periodic anaerobic baffled reactor (PABR) followed by further effluent purification via membrane separation technologies». *Chemical Technology and Biotechnology*, **84**, 909-917
26. **K. Stamatelatou**, C. Kravaris and G. Lyberatos G. (2009) “An invariant manifold approach for CSTR model reduction in the presence of multi-step biochemical reaction schemes. Application to anaerobic digestion”, *Chemical Engineering Journal*, **150**, 462-475.
27. P.S. Blika, **K. Stamatelatou**, M. Kornaros and G. Lyberatos (2009). “Anaerobic digestion of olive mill wastewater”, *Global Nest*, **11(3)**, 364-372.
28. M.A. Dareioti, S.N. Dokianakis, **K. Stamatelatou**, C. Zafiri and M. Kornaros (2009). “Biogas production from anaerobic co-digestion of agroindustrial wastewaters under mesophilic conditions in a two-stage process”, *Desalination*, **248**, 891–906.
29. M.A. Dareioti, S.N. Dokianakis, **K. Stamatelatou**, C. Zafiri and M. Kornaros (2010). “Exploitation of olive mill wastewater and liquid cow manure for biogas production”, *Waste Management*, **30**, 1841–1848.
30. G. Antonopoulou, **K. Stamatelatou**, S. Bebelis, and G. Lyberatos (2010). “Electricity generation from synthetic substrates and cheese whey using a two chamber microbial fuel cell”, *Biochemical Engineering Journal*, **50**, 10–15.
31. G. Antonopoulou, **K. Stamatelatou** and G. Lyberatos (2010). “Exploitation of rapeseed and sunflower residues for methane generation through anaerobic digestion: The effect of pretreatment”, *Chemical Engineering Transactions*, **20**, 253-258.
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34. V. Diamantis, A. Khan, S. Ntougias, **K. Stamatelatou**, A.G. Kapagiannidis and A. Aivasidis (2013). “Continuous biohydrogen production from fruit wastewater at low pH conditions”. *Bioprocess and biosystems engineering*, **36(7)**, 965-974.

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37. **K. Stamatelatos**, N. Giantsiou, V. Diamantis, C. Alexandridis, A. Alexandridis, and A. Aivasidis(2014) "Biogas Production From Cheese Whey Wastewater: Laboratory And Full Scale Studies". *WST*, **69**(6), 1320-1325
38. Lin C.S.K., Koutinas A.A., **Stamatelatos K.**, Mubofu E.B., Matharu, A.S., Kopsahelis, N., Pfaltzgraff, L.A., Clark, J.H., Papanikolaou, S., Kwan, T.H. and Luque R. (2014) " Current and future trends in food waste valorization for the production of chemicals, materials and fuels: A global perspective", *Biofuels, Bioproducts and Biorefining*, **8**(5), 686-715.
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H2. Κεφάλαια σε βιβλία (Chapters in books)

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2. Lyberatos G., Gavala H., Kornaros M., **Stamatelatos K.** and Angelopoulos K. (2004). "Biological production of hydrogen from waste and biomass", in "Resource Recovery and Reuse in Organic Solid Waste Management", IWA Publishing, Ed.Piet Lens, 459-475.
3. **K Stamatelatos**, G Antonopoulou and G Lyberatos (2010) "Production of biogas via anaerobic digestion", in "Handbook of biofuels production: Processes and technologies", Woodhead Publishing Series in Energy No. 15, edited by R Luque, J Campelo and J Clark

4. G Antonopoulou, I Ntaikou, **K Stamatelatou** and G Lyberatos (2010) "Biological and fermentative production of hydrogen" in "Handbook of biofuels production: Processes and technologies", Woodhead Publishing Series in Energy No. 15, edited by R Luque, J Campelo and J Clark
5. **K Stamatelatou**, C Pakou G Lyberatos (2011) "Occurrence, Toxicity, and Biodegradation of Selected Emerging Priority Pollutants in Municipal Sewage Sludge", Comprehensive Biotechnology (6.42), edited by S. Agathos, Elsevier.
6. G. Tommaso, R. Ribeiro, C.A.F. de Oliveira, **K. Stamatelatou**, G. Antonopoulou, G. Lyberatos, C. Hodur and J. Csanadi (2011). 'Clean Strategies for the Management of Residues in Dairy Industries- Anaerobic digestion of cheese whey' in "Novel technologies in food science- The impact on products, consumer trends and environment", Anna McElhatton and Paulo José do Amaral Sobral (Eds) Springer Netherlands,
7. **K. Stamatelatou**, P.S. Blika, I Ntaikou and G. Lyberatos (2011). 'Integrated management methods for the treatment and/or valorization of olive mill wastes" in "Novel technologies in food science- Their impact on products, consumer trends and environment". Anna McElhatton and Paulo José do Amaral Sobral (Eds) Springer Netherlands
8. **K. Stamatelatou**, D. Turley, R. Laybourn, F. Flenet, A. Quinsac, R. Marriott, G. Antonopoulou, G. Lyberatos, A. Rouilly and C. Vaca-Garcia (2011). "Farming and Harvesting" in "Advanced oil crop biorefineries", edited by Abbas Kazmi, RSC publishing, Green Chemistry Series, Cambridge UK.
9. **K. Stamatelatou**, G. Antonopoulou, I. Ntaikou and G. Lyberatos (2012). "*The effect of physical, chemical and biological pretreatments of biomass on its anaerobic digestibility and biogas production*" in Biogas Production: Pretreatment Methods in Anaerobic Digestion. Scrivener Publishing, USA.
10. K. Αθανασίου και **Κ. Σταματελάτου** (2013) "*Βιοαέριο*" στο "Βιοκαύσιμα – Αειφόρος Ενέργεια", ΕΚΔΟΣΕΙΣ ΤΖΙΟΛΑ, Ν. Κάρναβος, Α. Λάμπας, Γ. Μαρνέλλος (Συντάκτες)
11. **K. Stamatelatou**, G. Antonopoulou, and P. Michailides (2014) "Biomethane and biohydrogen production via anaerobic digestion/fermentation" in Advances in biorefineries, Woodhead Publishing Limited, UK
12. **K. Stamatelatou** (2015). "Anaerobic digestion of sewage wastewater and sludge" in: Sewage Treatment Plants: Economic Evaluation of Innovative Technologies for Energy Efficiency, edited by K. Stamatelatou and K. Tsagarakis, IWA publishing, London, UK.

H3. Διεθνή Επιστημονικά Συνέδρια με Κριτές (Peered Reviewed International Conferences)

1. K. Dravillas, **K. Stamatelatos**, G. Lyberatos. "Solid Waste treatment of Sludge from Alcohol Fermentation of Energetic Plants (Sweet Sorghum) Using Biological Methods". Proc. 7th International Conference on Environmental Science and Technology, Ermoupolis, Syros Island, Greece, v.A, pp 166-173, September 2001.
2. **K. Stamatelatos** and G.Lyberatos, "Simulation of a Periodic Anaerobic Baffled Reactor (PABR): Steady-state and Dynamic Response" Proc.9th World Congress Anaerobic Digestion 2001, Antwerpen, Belgium, Part 1, pp.129-134, September 2001.
3. Foundoulakis M., **Stamatelatos K.** and G.Lyberatos, "*Impact of Pharmaceuticals on the Anaerobic Digestion Process*". SETAC Europe 12th Annual Meeting, Vienna, Austria, 73-14, May 12-16 2002
4. **K. Stamatelatos** , K. Dravillas and G. Lyberatos, "*Methane production from sweet sorghum residues via a two-stage process*". Proc. 3rd IWA International Symposium on "Anaerobic Digestion of Solid Waste", Garching/Munich, Germany, 11-13 September 2002
5. **K. Stamatelatos**, Frouda C., Fountoulakis M.S., Drillia P., Kornaros M. and Lyberatos G. "*Pharmaceuticals and health care products in wastewater effluents: the example of carbamazepine*". Proceedings of IWA Regional Symposium on Water Recycling in Mediterranean Region, ,203-210, Iraklio, Crete, 26-29 September 2002
6. **Stamatelatos K.**, S.N. Dokianakis, M. Fountoulakis, K. Frounda, M.E. Kornaros and G. Lyberatos "*On the effect of pharmaceuticals on biological processes*". ENVIRPHARMA ,European conference on human and veterinary pharmaceuticals in the Environment in Lyon, FRANCE, 14-16 April 2003
7. Drillia P., **Stamatelatos K.** and G.Lyberatos "*The Fate of Pharmaceuticals on soil*". ENVIRPHARMA ,European conference on human and veterinary pharmaceuticals in the Environment in Lyon, FRANCE, 14-16 April 2003
8. Lyberatos G., **K. Stamatelatos**, M. Kornaros, P. Drillia, S. Dokianakis, C. Frouda, and M.S. Fountoulakis "*Impact and fate of the antibiotic sulfamethoxazole in wastewater treatment and disposal*" EMCC-3, 3rd Chemical Engineering Conference for Collaboration Research in Eastern Mediterranean, Thessaloniki, Greece, 13-15 May 2003
9. **Stamatelatos K.**, K. Dravillas and G. Lyberatos. "*A two-stage process for the anaerobic digestion of sludge generated during the Production of Bioethanol from Sweet Sorghum*". BIOSOLIDS 2003: Wastewater sludge as a resource, Trondheim, Norway 23-25 June 2003

10. Schmidt J. E., I. Angelidaki, N. Christensen, D.J. Batstone, G. Lyberatos, **K. Stamatelatos**, E. Lichtfouse, B. Elbisser, K. Rogers, V. Sappin-Didier, L. Denaix, G. Caria, L. Metzger, V. Borghi and E. Montcada, *“Bioprocessing of sewage sludge for safe recycling on agricultural land – BIOWASTE”*. BIOSOLIDS 2003: Wastewater sludge as a resource, Trondheim, Norway 23-25 June 2003
11. **Stamatelatos K.**, S.N. Dokianakis, M. Fountoulakis, C. Frouda, M.E. Kornaros and G. Lyberatos *«The effect of a common antibacterial pharmaceutical (triclosan) on biological wastewater treatment processes»*. 8th Conference on Environmental Science and Technology, Lemnos – Greece, 8-10 September 2003
12. Drillia P., **Stamatelatos K.** and G. Lyberatos *“Mobility of Pharmaceuticals in soil”*. , 8th Conference on Environmental Science and Technology, Lemnos Greece, 8-10 September 2003
13. Fountoulakis M., **Stamatelatos K.** and G. Lyberatos, *“Toxic Effects of Pharmaceuticals on Methanogenesis”*. Ecohazard 2003 Aachen, Germany September 14-16 2003
14. **Stamatelatos K.**, C. Dravillas, and G. Lyberatos, *“A novel two-stage bioreactor system for the production of biogas from a bioethanol process sludge”*. Ninth International Waste Management and Landfill Symposium, Sardinia, October 6 – 10 2003
15. Fountoulakis M., **Stamatelatos K.**, Gavala H.N., Skiadas I.V., Kampioti A. and Lyberatos G., *“Anaerobic Digestion of Secondary Sludge: Effect of Pretreatment and Post Treatment with the Presence of Xenobiotics”*. Proceedings 10th World Congress on Anaerobic Digestion, Montreal Aug.29-Sep.1 2004
16. Dravillas K., **Stamatelatos K.** and Lyberatos G., *“Anaerobic Digestion of Sweet Sorghum for Biogas Production in a Two-Stage Bioreactor System”* Proceedings of the 1st International Conference on Engineering for Waste Treatment. WasteEng2005, Albi, France, 17-19 May 2005
17. Fountoulakis M., **Stamatelatos K.**, Batstone D. J. and Lyberatos G., *“Modelling of Anaerobic Digestion Kinetics of Secondary Sludge Contaminated with Xenobiotic Compounds”* Proceedings of the 1st International Conference on Engineering for Waste Treatment. WasteEng2005, Albi, France, 17-19 May 2005
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19. Pakou C., Fountoulakis M., Drillia P., Kampioti A., **Stamatelatos K.** and Lyberatos G., *“Microwave-assisted Extraction – HPLC- FD for the Assessment of the Occurrence and the fate of Polycyclic Aromatic Hydrocarbons in Sewage Sludge”*, Proceedings of the 1st International Conference on Engineering for Waste Treatment. WasteEng2005, Albi, France, 17-19 May 2005

20. Schmidt J.S, Christensen N., Angelidaki I. Batstone D. J., Trably E., Lyberatos G., **Stamatelatos K.**, Kornaros M., Metzger L., Ameal N., Watson J. , García K., Ayuso S. and Patureau D., "Safe Recycling of Sewage Sludge on Agricultural Land Biowaste". Proceedings of the 1st International Conference on Engineering for WasteTreatment. WasteEng2005, Albi, France, 17-19 May 2005
21. Syrou L., **Stamatelatos K.**, Lyberatos G. and Kravaris C., "Model Reduction for the Anaerobic Digestion of Solid Wastes". Proceedings of the 1st International Conference on Engineering for WasteTreatment. WasteEng2005, Albi, France, 17-19 May 2005
22. Batstone D.J., Trably E. , Christensen N. , Patureau D, **Stamatelatos K.** ,Pakou C., Kornaros M., Lyberatos G., Schmidt J.E. "Assessing Microbial Potential for Degradation of Complex Organic Compounds". 15th Annual meeting, SETAC Europe, Lille, France, 22-26 May 2005
23. Christensen N., Mosbæk H., Garcia H., Lyberatos G., **Stamatelatos K.**, Drillia P., Fountoulakis M., Pakou C., Kampioti A., Patureau D., Caria G., Schmidt J. E. "Comparative Analysis of Trace Amounts of Toxic Organic Comounds in Sewage Sludge". 15th Annual meeting, SETAC Europe, Lille, France, 22-26 May 2005
24. Fountoulakis M., **Stamatelatos K.**, Batstone D. J. and Lyberatos G., "Modelling of Anaerobic Digestion of Sludge Contaminated with Xenobiotic Compounds". 15th Annual meeting, SETAC Europe, Lille, France, 22-26 May 2005
25. Pakou C., Kornaros M., **Stamatelatos K.** and Lyberatos G., "Fate of NPEO, DEHP and PAHs during Composting of Raw and Anaerobically Digested Sludge". 15th Annual meeting, SETAC Europe, Lille, France, 22-26 May 2005
26. Fountoulakis M., **Stamatelatos K.**, Batsone D.J. and Lyberatos G., "Modelling of Anaerobic Digesters Treating Primary and Mixed Primary and Secondary Sludge Contaminated with Xenobiotic Compounds", 4th International Symposium on Anaerobic Digestion of Solid Waste (ADSW), Copenhagen, Denmark, September 2005.
27. Fountoulakis M., **Stamatelatos K.** and Lyberatos G., "Simulation of DEHP biodegradation and sorption during the anaerobic digestion of secondary sludge", 1st international ADM1 workshop, Copenhagen, Denmark, September 2005.
28. Kalfas H., Skiadas I.V., Gavala H.N., **Stamatelatos K.** and Lyberatos G. "Application of ADM1 for the Simulation Anaerobic Digestion of Olive Pulp under Mesophilic and Thermophilic Conditions", 1st international ADM1 workshop, Copenhagen, Denmark, September 2005.
29. Lyberatos G., **Stamatelatos K.**, Fountoulakis M., Pakou C., Kornaros M. "On the Fate of Xenobiotic Compounds during Alternative Methods of Municipal Sludge Treatment", paper 497a, Proc. AIChE Annual meeting, San Francisco, 2006.

30. Kravaris C., Savvoglidis G., Lyberatos G., **K. Stamatelatou** and I.Karafyllis, "*Global Stabilization of Continuous Bioreactors*", paper 270f, Proc. AIChE Annual meeting, San Francisco, 2006
31. P.S. Blika, G. Constantinidou, K. Stamatelatou, M. Kornaros, D.V. Vayenas, G.I. Zervakis and G. Lyberatos (2006). Pretreatment of olive mill wastewater in a fungal trickling filter. Proceedings of the 3rd International Conference on the "Water Resources in the Mediterranean Basin" WATMED 3, Tripoli (Lebanon), 1- 3 November 2006.
32. Blika P.S., **K. Stamatelatou**, H.N. Gavala, I.V. Skiadas and G. Lyberatos. "Aerobic post treatment of anaerobically digested sludge". Specialist conference on "Facing Sludge Diversities: Challenges, Risks and Opportunities", Antalya, Turkey, 28-30 March 2007.
33. M.A. Dareioti, S.N. Dokianakis, **K. Stamatelatou**, C. Zafiri and M. Kornaros. "Methane production from anaerobic co-digestion of agroindustrial wastewaters under mesophilic conditions in a two phase process". Small and Decentralised Waster and Wastewater Treatment Plants, Skiathos 2008.
34. N. Venetsaneas, G. Antonopoulou, **K. Stamatelatou**, M. Kornaros and G. Lyberatos. "Production of hydrogen and methane from dairy wastewater in a two-stage anaerobic process". 2nd International Conference on Engineering for Waste Valorisation, June 3-5, Patras, 2008
35. E.C. Koutrouli, H. Kalfas, H.N. Gavala, I.V. Skiadas, **K. Stamatelatou** and G. Lyberatos. "Hydrogen and methane production through two-stage mesophilic anaerobic digestion of olive pulp". 2nd International Conference on Engineering for Waste Valorisation, June 3-5, Patras, 2008
36. C. Kourmentza, E.C. Koutrouli, I. Ntaikou, **K. Stamatelatou**, M. Kornaros and G. Lyberatos. "Exploitation of olive oil mill wastewater for combined bio-fuels and biopolymers production". 2nd International Conference on Engineering for Waste Valorisation, June 3-5, Patras, 2008
37. P.S. Blika, **K. Stamatelatou**, M. Kornaros, G. Lyberatos (2008). Anaerobic digestion of olive mill wastewater. Proceedings of the 9th international conference PRE9: Protection and Restoration of the Environment, Kefalonia, Greece, June 30 – July 3, 2008
38. G. Antonopoulou, **K. Stamatelatou**, S. Bebelis, G. Lyberatos. Electricity generation from cheese whey using a microbial fuel cell. 18th International Congress of Chemical and Process Engineering, Prague, Czech Republic, 24-28 August 2008, pages: 155-165.
39. **K. Stamatelatou**, A. Kopsahelis, P. Blika and G. Lyberatos (2008). Anaerobic digestion of olive mill wastewater in a periodic anaerobic baffled reactor (PABR). 4th European Bioremediation Conference, Chania, September 3-6, 2008.

40. G. Antonopoulou, **K. Stamatelatou**, S. Bebelis, G. Lyberatos. *Electricity generation from cheese whey using a microbial fuel cell*. Oral presentation in 18th International Congress of Chemical and Process Engineering, Prague, Czech Republic, 24-28 August 2008, Proceedings of 8th European Symposium of Electrochemical Engineering, pages: 155-165.
41. G. Antonopoulou, **K. Stamatelatou**, G. Lyberatos. *Biofuel generation from cheese whey in a two – stage anaerobic process*. Oral presentation in AIChE Annual meeting 2008 in Pennsylvania, CA. November 16-21, CD Proceedings.
42. G. Antonopoulou, **K. Stamatelatou** and G. Lyberatos. *Exploitation of sunflower and rapeseed crops residues for methane production*. Poster presentation. 5th International Conference on Renewable Resources & Biorefineries (RRB5), Ghent, Belgium, 10th- 12th June 2009, Book of abstracts, page 58.
43. G. Antonopoulou, **K. Stamatelatou** and G. Lyberatos. *Methane potential from oil-rich crop residues*. Oral presentation in International Conference on Waste and Biomass Valorization in Developing Countries. Burgina Faso, 9-11 July 2009.
44. G. Antonopoulou, **K. Stamatelatou**, S. Bebelis, G. Lyberatos. *Using cheese whey as a source of energy in a microbial fuel cell*. Oral presentation. Proceedings (CD) of the 11th International Conference on the Environmental Science and Technology (CEST2009), Chania, Crete, 3-5 September 2009, pages, 40-47. Volume of abstracts: page 8.
45. **K. Stamatelatou**, G. Antonopoulou, A. Tremouli and G. Lyberatos. *Production of gaseous biofuels and electricity from cheese whey*. Oral presentation. Proceedings (CD) of the Symposium on 'New Frontiers in chemical and Biochemical Engineering' 26-27 November 2009, CERTH, Thessaloniki, Greece
46. G. Antonopoulou, **K. Stamatelatou** and G. Lyberatos. *Exploitation of rapeseed and Sunflower residues for methane generation: The effect of pretreatment*. Oral presentation. Proceedings (CD) of the 2nd International conference on Industrial Biotechnology (IBIC 2010), Pradua, Italy, 11-14 April 2010.
47. T. Vlassis, **K. Stamatelatou**, G. Antonopoulou, C. Marazioti and G. Lyberatos. *Methane production via anaerobic digestion of glycerol*. Oral presentation. Proceedings (CD) 3rd International Conference on Engineering for Waste Valorization, Beijing, China, 17-19 May 2010. Book of abstracts: page 163.
48. T. Vlassis, **K. Stamatelatou**, G. Antonopoulou and G. Lyberatos. *Anaerobic treatment of glycerol for methane and hydrogen production*. Oral presentation, Proceedings (CD) in 12th International Conference on the Environmental Science and Technology (CEST2011), Rhodes island, 8-10 September 2011, book of abstracts p247.
49. **K. Stamatelatou**, N. Giantsiou, V. Diamantis, C. Alexandridis, A. Alexandridis and A. Aivasidis (2012), A two stage system for biogas production from cheese whey wastewater (poster presentation) Nordic Biogas conference, 23-25 April 2012, Copenhagen, Denmark.

50. **K. Stamatelatu**, N. Giantsiou, V. Diamantis, C. Alexandridis, A. Alexandridis and A. Aivasidis (2012) Anaerobic digestion of cheese whey wastewater through a two stage system (oral presentation), 3rd International Conference on Industrial and Hazardous Waste Management, 12-14 September 2012 Chania, Greece.
51. **K. Stamatelatu**, N. Giantsiou, V. Diamantis, C. Alexandridis, A. Alexandridis, and A. Aivasidis, (2013) Biogas production from cheese whey wastewater: laboratory and full scale studies, International conference on Asset management for enhancing energy efficiency in water and wastewater systems, 24-26 April 2013, Marbella, Spain
52. C. Alexandridis, N. Giantsiou, A. Alexandridis and **K. Stamatelatu**, (2013) Application of a two-phase anaerobic digestion process for energy valorisation of cheese whey wastewater on full scale, 13th World Congress on Anaerobic Digestion, 25-28 June 2013, Santiago de Compostella, Spain.
53. P. Michalides and K. Stamatelatu (2014). Fermentation of cheese whey wastewater: profiles of metabolic products in continuously operated bioreactors, 10th International Conference on Renewable Resources and Biorefineries, 4-5-6 June, 2014 - Valladolid, Spain
54. N. Symeonides, N. Giantsiou and K. Stamatelatu (2014). Effect of zeolite on the anaerobic digestion of pig manure. International Conference on Anaerobic Digestion, Biogas Science, 26th – 30th October 2014, Vienna, Austria.
55. A. Christodoulou, K. Stamatelatu (2015). Overview of legislation on sewage sludge management, IWA Balkan Young Water Professionals Conference 2015, 10-12 May 2015 Thessaloniki, Greece

H4. Ελληνικά Επιστημονικά Συνέδρια με Κριτές (Peered reviewed national conferences)

1. **Σταματελάτου Κ.** και Γ. Λυμπεράτος, «Βέλτιστος και υποβέλτιστος έλεγχος αναερόβιων αντιδραστήρων», 1ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα Μάιος 1997
2. **Σταματελάτου Κ.** Σ. Δοκιανάκης, Π. Δρίλλια, Μ. Φουντουλάκης, Κ. Φρούντα, Μ. Κορνάρος «Πορεία των φαρμακευτικών ουσιών μέχρι την εναπόθεσή τους στο περιβάλλον: το παράδειγμα της οφλοξακίνης». 4^ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, Μάιος 2003
3. Φουντουλάκης Μ., Πάκου Κ., Μπλικά Ε. , **Σταματελάτου Κ.**, Γαβαλά Χ., Σκιαδάς Ι., και Λυμπεράτος Γ., «*Τύχη των Ξενοβιοτικών Ουσιών κατά την Επεξεργασία της Ιλύος*», 5^ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσ/νίκη, Μάιος 2005
4. Σαββογλίδης Γ., Λ. Σύρου, **Κ. Σταματελάτου**, Κ. Κράβαρης, Γ. Λυμπεράτος και Ι Καραφύλλης. «Ολική σταθεροποίηση βιοαντιδραστήρων συνεχούς λειτουργίας». 6^ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Αθήνα, Μάιος 2007
5. Αντωνοπούλου Γ., Χ. Κάλφας, Ε.Χ. Κουτρούλη, Ν. Βενετσάνεας, Χ.Ν. Γαβαλά, Ι.Β.

Σκιαδάς, **Κ. Σταματελάτου**, Μ. Κορνάρος, Γ. Λυμπεράτος «Παραγωγή βιοκαυσίμων από ενεργειακά φυτά και απόβλητα», 6^ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Αθήνα, Μάιος 2007

6. Βλάσσης Θ., **Κ. Σταματελάτου**, Γ. Αντωνοπούλου, Κ. Μαραζιώτη, Γ. Λυμπεράτος «Παραγωγή μεθανίου μέσω της αναερόβιας χώνευσης γλυκερόλης» 7^ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, Ιούνιος 2009

7. Γ. Σαβογλίδης, Γ. Λυμπεράτος, **Κ. Σταματελάτου** και Κ. Κράβαρης «Παρακολούθηση και ρύθμιση βάσει μαθηματικού μοντέλου ενός αναερόβιου χωνευτήρα τύπου CSTR» 7^ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, Ιούνιος 2009

Η. Συμμετοχή σε προγράμματα (Participation in projects)

COST ES1302 «EUROPEAN NETWORK ON ECOLOGICAL FUNCTIONS OF TRACE METALS IN ANAEROBIC BIOTECHNOLOGIES» (WG «Engineering» και «Simulations»)

COST TD1203 «Food waste valorisation for sustainable chemicals, materials & fuels (EUBis)»: member of the steering committee and deputy leader in «Bioprocesses»

COST ES1202: «Conceiving Wastewater Treatment in 2020 - Energetic, environmental and economic challenges (Water_2020)» (WG «Process integration»)

2010-2013 «Biofuels production through bioprocesses», funded by ETAA, Greece, (scientific responsible member).

2013-2015 "Waste valorisation for energy production", funded by ETAA, Greece, (scientific responsible member).

2008-2010 «Developing advanced Biorefinery schemes for integration into existing oil production/transesterification plants», 7th framework programme – Energy theme, Support Action, EU (SUSTOIL) (primary researcher)

2006 – 2008 «Valorization of cheese whey for the biotechnological production of energy», GSRT «Consortia of Research and Technological Development in National Priorities» (PEP – DEL 15) (primary researcher)

2006 – 2008 «Development of a viable solution for the management of olive mill wastewaters, emphasizing on the valorization of the by-products » GSRT «Consortia of Research and Technological Development in National Priorities» (Activity A11) (primary researcher)

2005 - 2011 «Automatic control and optimization of the operation of anaerobic digesters for biogas production » GSRT – PENED03 (03ED605) (primary researcher).

2003 – 2007 «Biological Treatment and valorization of olive mill wastewater: mechanisms and integrated applications». GSRT – FP66 («Consortia of Research and Technological Development in National Priorities») (primary researcher)

2002 – 2005 «Bioprocessing of sewage sludge for safe recycling on agricultural land – BIOWASTE». EU (QLKS-CT2002-01138) (primary researcher)

2000 – 2003 «Ecotoxicological Assessments and Removal Technologies for Pharmaceuticals in Wastewaters (REMPHARMAWATER)». Ευρωπαϊκή Ένωση (EVK1-2000-0048) (primary researcher)