

# CURRICULUM VITAE

## PERSONAL DETAILS

*Surname* :Stasinakis  
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*Address* :University of the Aegean, Department of Environment  
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## EDUCATION

2020 :Sabbatical leave for 5 months at Cyprus University of Technology (Limassol, Cyprus)  
2015 :Sabbatical leave for 3.5 months at Technical University of Denmark (Copenhagen, Denmark)  
2012 :Sabbatical leave for 5 months at Eawag Swiss Federal Institute of Aquatic Science and Technology (Dubendorf, Switzerland)  
2004 - 2005 :Post-Doctoral Research, University of the Aegean  
1997 - 2002 :Doctorate (Ph.D) in Environmental Science, University of the Aegean  
1993 - 1997 :B.Sc. in Environmental Science, University of the Aegean

## PROFESSIONAL AND RESEARCH ACTIVITY

2023 - ..... :Professor, Department of Environment, University of the Aegean  
2017 - 2023 :Visiting Professor, Msc Program of Wastewater Management, Greek Open University  
2016 - 2023 :Associate Professor, Department of Environment, University of the Aegean  
2009 - 2016 :Assistant Professor, Department of Environment, University of the Aegean  
2008 - 2010 :Visiting Professor, Msc Program of Wastewater Management, Greek Open University  
2005 - 2009 :Lecturer, Department of Environment, University of the Aegean.

## TEACHING ACTIVITY

2005 -..... :Teaching of the courses *Introduction to Environmental Engineering* (Undergraduate Program), *Wastewater Management I and II* (Undergraduate Program), *Research Methods in Environmental Engineering* (Undergraduate Program), *Design of Wastewater Treatment Systems*, *Solid Waste Management*

(Msc Program of Ecological Engineering and Global Change), *Environmental Pollution, Wastewater Management* (Msc Program of Wastewater Management).

## RESEARCH INTERESTS

Wastewater and sewage sludge treatment and reuse; Water treatment; Fate and toxicity of synthetic organic compounds (PFAS, pharmaceuticals, benzotriazoles, endocrine disrupting chemicals) and heavy metals species in wastewater and sludge treatment systems; Hospital wastewater management; Occurrence of emerging contaminants in the environment and risk assessment; Recovery of bioactive compounds and production of valuable biomass from agro industrial wastewater; Solar distillation; Microalgae cultivation

## AWARDS – ACHIEVEMENTS

- Ranking at the upper 2% of the scientists for 2021 according to the Elsevier database *Updated science-wide author databases of standardized citation indicators* (DOI:10.17632/btchxktzyw.4)
- Ranking at the upper 0.3% of the scientists working in *Environmental Science* field according to the article *Updated science-wide author databases of standardized citation indicators* published to PLOS BIOLOGY in 2020 (<https://doi.org/10.1371/journal.pbio.3000918>)
- Article in the list of the "TOP 25 Hottest Articles" for 2012, 2013 and 2014 - Waste Management
- Highly cited author award 2007-2009 - Journal of Chromatography A (2010)
- Fellowship - 1<sup>st</sup> European Bioremediation Conference, Chania, Greece (2001)
- Scholarship for doctorate studies – Greek State Scholarship Foundation (1998-2002)
- Scholarship for doctorate studies – Bodosaki Foundation (1998)
- Scholarship for undergraduate studies – Greek State Scholarship Foundation (1994-1995)

## PARTICIPATION IN RESEARCH PROJECTS

1. ZeroPM – Zero pollution of Persistent, Mobile substances (2021-2026, H2020-LC-GD-2020/H2020-LC-GD-2020-3. Position: Leader of University of the Aegean Research Team)
2. AGRICA II – Network of excellence in agri-food research and innovation of the North Aegean (2021-2023, European Social Fund and Greek Ministry of Development and Investments, Position: Member of the research team)
3. T4H - On-Site Hospital Wastewater Management Aimed at Improving the Efficiency of Wastewater Treatment Plants and the Utilization of effluents (2021-2023, Interreg Greece – Cyprus, Position: Member of the research team)
4. "Center of sustainable circular bioeconomy and energy, Aegean\_BIOECONOMY" (2021-2023, European Social Fund and Greek Ministry of Development and Investments, Position: Member of the research team)
5. Design of constructed wetlands for grey water treatment in Mediterranean urban areas (2020-2023, ELIDEK, Position: Member of the research team)

6. "DIANYA On-site integrated hospital wastewater management" (2020-2023, European Social Fund and Greek Ministry of Development and Investments, Position: Coordinator)
7. "Microplastics in Sewage Treatment Plants; occurrence and behavior" (2020-2021, European Social Fund and Greek Ministry of Development and Investments, Position: Coordinator)
8. "Management of landfill leachates at Chios Island" (2019-2021, Waste Management Prefecture of Chios SA, Position: Coordinator)
9. "HYDROUSA Demonstration of water loops with innovative regenerative business models for the Mediterranean region" (2019-2032, Horizon 2020, Position: Leader of University of the Aegean Research Team)
10. "Foodomics-GR Research Infrastructure for the comprehensive characterization of foods" (2019-2022, European Regional Development Fund and Greek Ministry of Economy and Development, Position: Coordinator)
11. "Research Infrastructures for the development of novel olive and vine products in Region of North Aegean: RI-Food-Aegean" (2019-2022, Region of North Aegean, Position: Coordinator)
12. "Environmental assessment of the use of restored Solid Waste Dump (HADA) in Chios as shelter facility" (2016-2017, United Nations High Commissioner for Refugees, Position: Coordinator)
13. "Toxicity and readily biodegradability assessment of pesticides" (2015, VIORYL Industry, Greece, Position: Coordinator)
14. "Investigation of organic micropollutants' fate in wastewater treatment and study of their behavior during wastewater disposal to the aquatic environment" (2012-2015, Greek Ministry of Education – THALIS program, Position: Coordinator)
15. "Emerging contaminants transformation by-products in aquatic environment" (2014-2015, Greek General Secretary of Research and Technology – ARISTEIA program, Position: Researcher)
16. "Integrating sustainability in participatory decision-making" (2012-2015, Greek Ministry of Education – THALIS program, Position: Researcher)
17. "Development of software for the design and control of sewage treatment plants" (2012-2013, Greek Ministry of Development – INNOVATION program, Position: Coordinator)
18. "Investigation of erfluorinated compounds fate during wastewater treatment systems" (2010-2013, Greek Ministry of Education – HRACLEITOS program, Position: Coordinator)
19. "Investigation of the occurrence of emerging contaminants in Athens wastewater treatment plant – Risk assessment for the safe reuse and disposal of wastewater" (2010-2011, Athens Water Supply and Sewerage Company SA, Position: member of research team).
20. "Strategies for operational cost reduction of Sewage Treatment Plant of Athens" (2010-2011, Athens Water Supply and Sewerage Company SA, Position: member of research team).
21. "Innovation Coupons: Creation/Development of a parametric model for the design of small wastewater treatment systems" (2010, Greek General Secretary of Research and Technology, Position: Coordinator)

22. "Accreditation of Water and Air Quality Laboratory for the analysis of organic micropollutants in environmental samples" (2004-2008, Greek Ministry of Development, Position: member of research team)
23. "Investigation of synthetic organic compounds (nonylphenols, triclosan, metabolites) occurrence in wastewater treatment systems and estimation of their toxicity and biodegradation in activated sludge systems" (Ministry of Education – University of the Aegean, 2004-2006, Pithagoras project, Position: Main researcher).
24. "Monitoring and investigation of THMs removal in potable water of Athens" (Athens Water Supply and Sewerage Company, EYDAP SA – University of the Aegean, 2000-2004, Position: member of research team).
25. NAIAS program (North Aegean Innovative Actions): Treatment of olive oil mill wastewater using innovative wastewater treatment systems (Ministry of the Aegean – University of the Aegean, 2002-2004, Position: member of research team).
26. New entrepreneurship for the North Aegean (Ministry of Labour – University of the Aegean, 2003-2004, Position: member of research team).
27. Quality of the drinking and ground water of Gera, Lesvos (Municipality of Gera – University of the Aegean, 1999-2001, Position: member of research team).
28. Monitoring program of the occurrence of micro pollutants in the surface waters of Greece, catalogue II, substances candidate for catalogue I, 76/464 EEC Directive (Ministry of the Environment, Planning and Public Works – University of the Aegean, 1998-2000, Position: member of research team).
29. Quality of the drinking and ground water of Mytilene, Lesvos (Municipality of Mytilene – University of the Aegean, 1998-2000, Position: member of research team).
30. Monitoring program of the occurrence of micro pollutants in the surface waters of Northern Greece, catalogue I, 76/464 EEC Directive (Ministry of the Environment, Planning and Public Works – University of the Aegean, 1997-1999, Position: member of research team).

## **SCIENTIFIC SOCIETIES**

1. Member of International Water Association (IWA)
2. Member of Society of Environmental Toxicology and Chemistry (SETAC)
3. Member of Global Network of Environmental Science and Technology (G-NEST)
4. European Federation of Biotechnology (EFB)
5. Hellenic Water Association (HWA)

## **REVIEWER OF THE SCIENTIFIC JOURNALS**

Environmental Science and Technology	Urban Water Journal
Water Research	Biochemical Engineering Journal
Chemosphere	Environmental Engineering Science
Science of the Total Environment	Bioresource Technology

Journal of Chromatography A	Journal of Biotechnology
Journal of Hazardous Materials	Environment International
Journal of Environmental Management	Chemical Engineering Journal
Journal of Sep. and Purification Technology	Journal of Food Engineering
Global Nest Journal	CLEAN, Soil, Air, Water
Water Air and Soil Pollution	Biodegradation
Environ. Science and Pollution Research	Journal of Chem Technology and Biotechn
Waste and Biomass Valorisation	Waste Management
Journal of Photochemistry and Photobiology	Journal of Cleaner Production
Journal of Env Chem Engineering	

### **GUEST EDITOR IN SCIENTIFIC JOURNALS**

1. Journal of Hazardous Materials: Special Issue on Occurrence and fate of emerging contaminants in municipal wastewater treatment systems, vol. 239-240, 15.11.12.
2. Chemosphere: Special Issue on Emerging Contaminants, vol 119, January 2015.
3. Journal of Hazardous Materials: Special Issue on Emerging contaminants in engineered and natural environment, vol. 323 Part A, 05.12.17.
4. Water: Special Issue on Advanced Wastewater Treatment Processes for Micropollutants and Pathogens Removal, 2023.

### **EDITOR IN SCIENTIFIC JOURNALS**

1. Global Nest Journal
2. Aegean Journal of Environmental Sciences

### **MEMBER OF THE EDITORIAL BOARD IN SCIENTIFIC JOURNALS**

1. Science of the Total Environment
2. Chemosphere
3. Environmental Chemistry and Ecotoxicology

### **EVALUATOR OF RESEARCH PROJECTS**

1. Israel Science Foundation (2008)
2. Greek General Secretary of Research and Technology (2010, 2011, 2013, 2014, 2016, 2018)
3. Czech Science Foundation (2010)
4. Romanian National Council for Development and Innovation (2011, 2013, 2014, 2015, 2016, 2019, 2020)
5. Portuguese Foundation for Science and Technology (2016)
6. The Netherlands Organization for Scientific Research, NOW (2016)
7. Israel Ministry of Science, Technology and Space (2017)
8. National Science Centre Poland (2017)

9. Research Foundation Flanders (2017)
10. Natural Environment Research Council UK (2018)
11. Research and Innovation Foundation Cyprus (2021, 2022)

### **CONFERENCE ORGANISATION**

1. Member of the scientific committee «16th Conference on Environmental Science and Technology – 2019», Rhodes island, 4-7 September 2019.
2. Member of the scientific committee «International Symposium on Constructed Wetlands & Small Decentralized Wastewater Treatment Plants», Patras, 29-31 August 2019.
3. Member of the scientific committee «15th Conference on Environmental Science and Technology – 2017», Athens Greece, 31 August - 2 September 2017.
4. Member of the scientific committee «14<sup>th</sup> Conference on Environmental Science and Technology – 2015», Athens Greece, 3-5 September 2015.
5. Member of the scientific committee «13<sup>th</sup> Conference on Environmental Science and Technology – 2013», Athens Greece, 5-7 September 2013.
6. Member of the scientific committee «12<sup>th</sup> Conference on Environmental Science and Technology – 2011», Rhodes island Greece, 8-10 September 2011.
7. Member of the scientific committee «11<sup>th</sup> Conference on Environmental Science and Technology – 2009», Chania Greece, 3-5 September 2009.
8. Member of the scientific committee «10th Conference on Environmental Science and Technology – 2007», Kos island Greece, 5-8 September 2007.

### **POSTGRADUATE SUPERVISION EXPERIENCE**

A.S. Stasinakis has supervised more than 50 Master Theses and the following PhD Theses:

1. Samaras V. (2013) Development of analytical methods for the simultaneous determination of pharmaceuticals and endocrine disruptive compounds and study of their fate during wastewater treatment and sludge anaerobic digestion. Department of Environment, University of the Aegean.
2. Arvaniti O. (2014) Occurrence and fate of perfluorinated compounds (PFCs) in wastewater treatment. Department of Environment, University of the Aegean.
3. Mazioti A. I. (2015) Investigation on the fate of benzotriazoles and benzothiazoles during biological wastewater treatment. Department of Environment, University of the Aegean.
4. Thomaidi V.S. (2017) Environmental risk assessment associated with the occurrence of emerging organic micropollutants in Sewage Treatment Plants. Department of Environment, University of the Aegean.
5. Iatrou E. (2021) Study on the fate of antimicrobial compounds in *Lemna minor* constructed wetland systems and investigation of the characteristics of the produced biomass. Department of Environment, University of the Aegean.

## **THESES EXAMINATION EXPERIENCE**

A.S. Stasinakis has participated in the examination of more than 100 Master Theses and the following PhD Theses:

1. Stefanis A.N, (2008) Marine aerosol dry deposition effect on the building stones of monuments. Department of Environment, University of the Aegean.
2. Haralambidis P. (2008) Atmosphere Quality and Sky Colour: Observer Allusion Approach in Sky Colour Changes with a Digital Camera Use. Department of Environment, University of the Aegean.
3. Koulousaris M. (2009) Atmospheric transport and deposition of heavy metals in the Northern Aegean. Department of Environment, University of the Aegean.
4. Marneri M. (2010) Development and application of the molecular technique FISH in order to quantify and investigate the activity of the filamentous bacteria in wastewater treatment plants with nutrient removal. School of Civil Engineering, National Technical University of Athens.
5. Samios S. (2011) Chlorination by-products levels prediction in Athens water supply and sewerage company network: haloacetamides detection and levels. Department of Environment, University of the Aegean.
6. Tegou L.I. (2011) Spatial modeling of distributed generation with renewable energy sources in an autonomous electricity grid. Department of Environment, University of the Aegean.
7. Bletsou A. (2015) Development of mass spectrometric methods for the determination of emerging pollutants in wastewater. Department of Chemistry, National and Kapodistrian University of Athens.
8. Zkeri I. (2016) Arsenic in groundwater from Lesbos island: chemical species, hydrogeological conditions, physicochemical parameters. Department of Environment, University of the Aegean.
9. Chhetri R.V. (2017) Chemical Disinfection of Combined Sewer Overflows. Department of Environmental Engineering, Technical University of Denmark.
10. Psoma A. (2018) Development of non-target screening workflows for the identification of biotransformation products of emerging pollutants in wastewater by mass spectrometric techniques. Department of Chemistry, National and Kapodistrian University of Athens.
11. Koumaki E. (2018) Fate of organic micropollutants during wastewater disinfection and wastewater discharge to the aquatic environment. School of Civil Engineering, National Technical University of Athens.
12. Tang K. (2018) Removal of pharmaceuticals from hospital wastewater by staged biofilm and ozone polishing. Department of Environmental Engineering, Technical University of Denmark.
13. Ofrydopoulou A. (2021) Determination, fate, removal and risk assessment of emerging contaminants in the environment. Department of Chemistry, Aristotle University of Thessaloniki.
14. Andreadakis D. (2022) Biological phosphorus removal coupled with nitrification-denitrification for low carbon/nitrogen wastewater treatment systems. School of Civil Engineering, National Technical University of Athens.

15. Wang G. (2022) Engineered manganese redox cycling for utilisation of biogenic manganese oxides to remove micropollutants. Department of Environmental Engineering, Technical University of Denmark.



## **PUBLICATIONS**

### **PHD DISSERTATION**

"Investigation of the impact of metal speciation on heavy metals toxicity and behavior in activated sludge systems with emphasis on chromium" (196 pages, 225 references).

### **CHAPTERS IN BOOKS**

1. "Micropollutants and aquatic environment" by A.S. Stasinakis and G. Gatidou in *Virkutyte J., Varma R.S., Jegatheesan V. (2010) Treatment of micropollutants in water and wastewater. IWA Publishing, London, UK.*
2. "Existence of organic micropollutants in the environment due to wastewater reuse and biosolids application" by A.S. Stasinakis in *Kalavrouziotis I.K. (2017) Wastewater and Biosolids Management. IWA Publishing, London, UK (ISBN13: 9781780408224).*

### **BOOKS**

1. "Environmental Engineering and Science" by C. Pilinis and A.S. Stasinakis (in Greek)

### **PUBLICATIONS IN JOURNALS WITH PEER REVIEW**

1. Stasinakis A.S., Thomaidis N.S. and Lekkas T.D. (2001) Toxicity of organotin compounds to activated sludge. *Ecotoxicology and Environmental Safety*, **49**, 275-280.
2. Stasinakis A.S., Mamais D., Thomaidis N.S and Lekkas T.D (2002) Effect of chromium (VI) on bacterial kinetics of heterotrophic biomass of activated sludge. *Water Research*, **36**, 3342-3350.
3. Stasinakis A.S., Thomaidis N.S., Giannes A.S. and Lekkas T.D. (2003) Effect of arsenic and mercury speciation on inhibition of respiration rate in activated sludge systems. *Environmental Science and Pollution Research*, **10**, 177-182.
4. Stasinakis A.S., Thomaidis N.S. and Lekkas T.D. (2003) Speciation of chromium in wastewater and sludge by extraction with liquid anion exchanger Amberlite LA-2 and Electrothermal Atomic Absorption Spectrometry. *Analytica Chimica Acta*, **478**, 119-127.
5. Stasinakis A.S., Thomaidis N.S., Mamais D., Papanikolaou E.C., Tsakon A. and Lekkas T.D. (2003) Effects of chromium (VI) addition on the activated sludge process. *Water Research*, **37**, 2140-2148.
6. Stasinakis A.S., Thomaidis N.S., Mamais D., Karivali M. and Lekkas T.D. (2003) Chromium species behaviour in the activated sludge process. *Chemosphere*, **52**, 1059-1067.
7. Stasinakis A.S., Mamais D., Paraskevas P. and Lekkas T.D. (2003) Evaluation of different methods for the determination of maximum heterotrophic growth rate. *Water Environment Research*, **75**, 549-552.
8. Lekkas T., Kostopoulou M., Petsas A., Vagi M., Golfinopoulos S., Stasinakis A., Thomaidis N., Pavlogeorgatos G., Kotrikla A., Gatidou G., Xylourgidis N., Kolokythas G., Makri C., Babos D.,

- Lekkas D. and Nikolaou A. (2003) Monitoring priority substances of directives 76/464/EEC and 2000/60/EC in Greek water bodies. *Journal of Environmental Monitoring*, **5**, 593-597.
9. Lekkas T., Kolokythas G., Nikolaou A., Kostopoulou M., Kotrikla A., Gatidou G., Thomaidis N., Golfinopoulos S., Makri C., Babos D., Vagi M., Stasinakis A., Petsa A. and Lekkas D. (2004) Evaluation of the pollution of the surface waters of Greece from the priority compounds of List II, 76/464/EEC Directive, and other toxic organic compounds. *Environment International*, **30**, 995-1007.
  10. Stasinakis A.S., Thomaidis N.S., Mamais D. and Lekkas T.D. (2004) Investigation of Cr(VI) reduction in continuous-flow activated sludge plants. *Chemosphere*, **57**, 1069-1077.
  11. Stasinakis A.S., Thomaidis N.S., Nikolaou A. and Katifes A. (2005) Aerobic biodegradation of organotin compounds in activated sludge batch reactors. *Environmental Pollution*, **134**, 431-438.
  12. Chandrinou S., Stasinakis A.S., Thomaidis N.S., Nikolaou A. and Wegener J.W. (2007) Distribution of organotin compounds in the bivalves of the Aegean Sea, Greece. *Environment International*, **33**, 226-232.
  13. Gatidou G., Thomaidis N.S., Stasinakis A.S. and Lekkas T.D. (2007) Simultaneous determination of the endocrine disrupting compounds nonylphenol, nonylphenol ethoxylates, triclosan and bisphenol A in wastewater and sewage sludge by gas chromatography-mass spectrometry. *Journal of Chromatography A*, **1138**, 32-41.
  14. Stasinakis A.S., Petalas A.V., Mamais D., Thomaidis N.S., Gatidou G. and Lekkas T.D. (2007) Investigation of triclosan fate and toxicity in continuous-flow activated sludge systems. *Chemosphere*, **68**, 375-381.
  15. Thomaidis N.S., Stasinakis A.S., Gatidou G., Morabito R., Massanisso P. and Lekkas T.D. (2007) Occurrence of organotin compounds in the aquatic environment of Greece. *Water Air & Soil Pollution*, **181**, 201-210.
  16. Thomaidis N.S., Stasinakis A.S. and Lekkas T.D. (2007) A screening method for the determination of toluene extractable organotins in water samples by Electrothermal Atomic Absorption Spectrometry and rhenium as chemical modifier. *Applied Organometallic Chemistry*, **21**, 425-433.
  17. Stasinakis A.S., Petalas A.V., Mamais D. and Thomaidis N.S. (2008) Application of the OECD 301F respirometric test for the biodegradability assessment of various potential endocrine disrupting chemicals. *Bioresource Technology*, **99**, 3458-3467.
  18. Stasinakis A.S., Gatidou, G., Mamais D., Thomaidis N.S. and Lekkas T.D. (2008) Occurrence and fate of endocrine disrupters in Greek sewage treatment plants. *Water Research*, **42**, 1796-1804.
  19. Stasinakis A.S., Mamais D., Thomaidis N.S., Danika E., Gatidou G. and Lekkas T.D. (2008) Inhibitory effect of triclosan and nonylphenol on respiration rates and ammonia removal in activated sludge systems. *Ecotoxicology and Environmental Safety*, **70**, 199-206.

20. Stasinakis A.S., Elia I., Petalas A.V. and Halvadakis C.P. (2008) Removal of total phenols from olive-mill wastewater using an agricultural by-product, olive pomace. *Journal of Hazardous Materials*, **160**, 408-413.
21. Mamais D., Noutsopoulos C., Stasinakis A.S., Kouris N. and Andreadakis A. D. (2008) Comparison of bioluminescence and AUR for assessing toxicity to municipal activated sludge. *Water Environment Research* **80**, 484-489.
22. Stasinakis A.S. (2008) Use of selected advanced oxidation processes (AOPs) for wastewater treatment – A mini review. *Global Nest Journal* **10**, 376-385.
23. Stasinakis A.S., Kotsifa S., Gatidou G. and Mamais D. (2009) Diuron biodegradation in activated sludge batch reactors under aerobic and anoxic conditions. *Water Research* **43**, 1471-1479.
24. Stasinakis A.S. and Thomaidis N.S. (2010) Fate and biotransformation of metal and metalloid species in biological wastewater treatment processes. *Critical Reviews in Environmental Science and Technology* **40**, 307-364.
25. Samaras V., Thomaidis N.S., Stasinakis A.S., Gatidou G., Lekkas T.D. (2010) Determination of selected non-steroidal anti-inflammatory drugs in wastewater by gas chromatography – mass spectrometry. *International Journal of Environmental Analytical Chemistry*, **90**, 219-229.
26. Stasinakis A.S., Kordoutis C., I., Tsiouma V.C., Gatidou G., Thomaidis N.S. (2010) Removal of selected endocrine disrupters in activated sludge systems: Effect of sludge retention time on their sorption and biodegradation. *Bioresource Technology* **101**, 2090-2095.
27. Samaras V.G., Thomaidis N.S., Stasinakis A.S., Lekkas T.D. (2011) An analytical method for the simultaneous trace determination of acidic pharmaceuticals and phenolic endocrine disrupting chemicals in wastewater and sewage sludge by gas chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry* **399**, 2549-2561.
28. Nesseris G.K., Stasinakis A.S. (2012) Investigation of municipal and olive-mill wastewater co-treatment in activated sludge – powdered activated carbon (AS-PAC) systems. *Journal of Chemical Technology and Biotechnology* **87**, 540-545.
29. Stasinakis A.S., Mermigka S., Samaras V.G., Farmaki E., Thomaidis N.S. (2012) Occurrence of endocrine disrupters and selected pharmaceuticals in Aisonas River (Greece) and environmental risk assessment using hazard indexes. *Environmental Science and Pollution Research* **19**, 1574-1583.
30. Kelessidis A., Stasinakis A.S. (2012) Comparative study of the methods used for treatment and final disposal of sewage sludge in European countries. *Waste Management* **32**, 1186-1195.
31. Arvaniti O.S., Ventouri E.I., Stasinakis A.S., Thomaidis N.S. (2012) Occurrence of different classes of perfluorinated compounds in Greek wastewater treatment plants and determination of their solid-water distribution coefficients. *Journal of Hazardous Materials* **239-240**, 24-31.
32. Stasinakis A.S. (2012) Review on the fate of emerging contaminants during sludge anaerobic digestion. *Bioresource Technology* **121**, 432-440.

33. Samaras V.G., Stasinakis A.S., Mamais D., Thomaidis N.S., Lekkas T.D. (2013) Fate of selected pharmaceuticals and synthetic endocrine disrupting compounds during wastewater treatment and sludge anaerobic digestion. *Journal of Hazardous Materials* **244-245**, 259-267.
34. Bletsou A.A., Asimakopoulos A.G., Stasinakis A.S., Thomaidis N.S., Kannan K. (2013) Mass loading and fate of linear and cyclic siloxanes in a wastewater treatment plant in Greece. *Environmental Science and Technology* **47**, 1824-1832.
35. Antonopoulou G., Kirkou A., Stasinakis A.S. (2013) Quantitative and qualitative greywater characterization in Greek households and investigation of their treatment using physicochemical methods. *Science of the Total Environment* **454-455**, 426-432.
36. Stasinakis A.S., Thomaidis N.S., Arvaniti O.S., Asimakopoulos A.G., Samaras V.G., Ajibola A., Mamais D., Lekkas T.D. (2013) Contribution of primary and secondary treatment on the removal of benzothiazoles, benzotriazoles, endocrine disruptors, pharmaceuticals and perfluorinated compounds in a sewage treatment plant. *Science of the Total Environment* **463-464**, 1067-1075.
37. Arvaniti O.S., Asimakopoulos A.G., Dasenaki M.E., Ventouri E.I., Stasinakis A.S., Thomaidis N.S. (2014) Simultaneous determination of eighteen perfluorinated compounds in dissolved and particulate phases of wastewater, and in sewage sludge by liquid chromatography-tandem mass spectrometry. *Analytical Methods* **6**, 1341-1349.
38. Samaras V.G., Stasinakis A.S., Thomaidis N.S., Mamais D., Lekkas T.D. (2014) Fate of selected emerging micropollutants during mesophilic, thermophilic and temperature co-phased anaerobic digestion of sewage sludge. *Bioresource Technology* **162**, 365-372.
39. Arvaniti O.S., Andersen H.R., Thomaidis N.S., Stasinakis A.S. (2014) Sorption of perfluorinated compounds onto different types of sewage sludge and assessment of its importance during wastewater treatment. *Chemosphere* **111**, 405-411.
40. Iatrou E.I., Stasinakis A.S., Thomaidis N.S. (2014) Consumption-based approach for predicting environmental risk in Greece due to the presence of antimicrobials in domestic wastewater. *Environmental Science and Pollution Research* **21**, 12941-12950.
41. Gatidou G., Stasinakis A.S., Iatrou E.I. (2015) Assessing single and joint toxicity of three phenylurea herbicides using *Lemna minor* and *Vibrio fischeri* bioassays. *Chemosphere* **119**, 569-574.
42. Arvaniti O.S., Hwang Y., Andersen H.R., Stasinakis A.S., Thomaidis N.S., Aloupi M. (2015) Reductive degradation of perfluorinated compounds in water using Mg-aminoclay coated nanoscale zero valent iron. *Chemical Engineering Journal* **262**, 133-139.
43. Kotzapetros A.G., Paraskevas P., Stasinakis A.S. (2015) Design of a modern automatic control system for the activated sludge process in wastewater treatment. *Chinese Journal of Chemical Engineering* **23**, 1340-1349.
44. Thomaidi V.S., Stasinakis A.S., Borova V.L., Thomaidis N.S. (2015) Is there a risk for the aquatic environment due to the existence of emerging organic contaminants in treated domestic wastewater? Greece as a case-study. *Journal of Hazardous Materials* **283**, 740-747.

45. Mamais D., Noutsopoulos C., Dimopoulou A., Stasinakis A., Lekkas T.D. (2015) Wastewater treatment process impact on energy savings and greenhouse gas emissions. *Water Science and Technology* **71**, 303-308.
46. Mazioti A.A., Stasinakis A.S., Gatidou G., Thomaidis N.S., Andersen H.R. (2015) Sorption and biodegradation of selected benzotriazoles and hydroxybenzothiazole in activated sludge and estimation of their fate during wastewater treatment. *Chemosphere* **131**, 117-123.
47. Symsaris E.C., Fotidis I.A., Stasinakis A.S., Angelidaki I. (2015) Effects of triclosan, diclofenac and nonylphenol on mesophilic and thermophilic methanogenic activity and on the methanogenic communities. *Journal of Hazardous Materials* **291**, 45-51.
48. Arvaniti O.S., Stasinakis A.S. (2015) Review on the occurrence, fate and removal of perfluorinated compounds during wastewater treatment. *Science of the Total Environment* **524-525**, 81-92.
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