

**Danae Venieri**

*Professor*

*School of Chemical & Environmental Engineering*

*Vice-Rector for Finance and Development*

*Technical University of Crete*

# **Curriculum vitae**

**May 2024**

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## ***Curriculum Vitae Contents***

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## CURRICULUM VITAE

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### Dr. Danae Venieri

#### Professor

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### Higher Education

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- 2005      **University of Patras**  
**Department of Medicine**  
**Doctor of Philosophy (PhD)**  
**Thesis:**  
Fecal source tracking of *Escherichia coli* strains isolated from the aquatic environment with the application of molecular and cultural techniques (RAPD-PCR analysis & Multiple Antibiotic Resistance).  
Supervisor: Professor Maria Papapetropoulou, Director of Lab of Hygiene, University of Patras, Greece.
- 1999      **University of Patras**  
**Department of Biology**  
**Bachelor Degree in Biology**  
Grade: 7.56/10  
**Diploma Thesis:**  
Detection of *Salmonella* sp. in mussels upon application of cultural and molecular techniques.  
Grade: "Honors 10".  
Supervisor: Professor Ioanna Iliopoulou-Georgoudaki

### Scholarships

- 2000-2003      Scholarship funded by the **State Scholarships Foundation (I.K.Y.)** after Panhellenic examinations in the field of **Molecular Biology** for the Doctoral Dissertation.

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## **Career**

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**Technical University of Crete  
School of Chemical & Environmental Engineering  
Professor of Environmental Microbiology".**

8/2023-today      **Professor**  
 10/2018-8/2023      **Associate Professor**  
 7/2017-10/2018      **Assistant Professor (tenure)**  
 1/2013 – 7/2017      **Assistant Professor (probation)**  
 4/2008 – 12/2012      **Lecturer**

9/2015-1/2023      **Hellenic Open University (EAII)**  
 Faculty of Science & Technology  
 MSc Program of Studies: Waste Management  
 Teaching staff (ΣΕΠ)

1/2006 – 4/2008      **Technical University of Crete**  
**School of Environmental Engineering**  
 Teaching staff (Π.Α. 407/80)

9/2005 – 8/2007      **Democritus University of Thrace**  
**Department of Agricultural Development**  
 Teaching staff (Π.Α. 407/80)

9/2006 – 4/2008      **University of Patras**  
**Department of Biology**  
 Lab of Environmental Management, Pollution and Ecotoxicology  
**Postdoctoral Researcher**

9/2005 – 8/2006      **University of Patras**  
**Department of Medicine**  
 Lab of Hygiene  
**Postdoctoral Researcher**

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## **Areas of Research Interest**

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- a) Application of novel disinfection techniques for the inactivation of various pathogenic microorganisms contained in water and wastewater, including bacteria, viruses and parasites. Recent research studies deal with Advanced Oxidation Processes (heterogeneous photocatalysis/solar photocatalysis, photoelectrocatalysis etc.) and the application of novel photocatalytic materials in lab- and pilot-scale applications;
- b) Dispersion of antibiotic resistant bacteria and antibiotic resistance genes into the aquatic environment and their elimination rates during disinfection techniques and wastewater treatment methods;
- c) Biodegradation of pollutants using various microorganisms;
- d) Investigation of ecotoxicity of emerging micro-contaminants, including antibiotics and estrogens, and the effect of their by-products towards microbial consortia and
- e) Assessment of microbiological quality of the aquatic environment through the monitoring of pathogenic microorganisms and the risk assessment for public health.

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**Research Programs**

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1. Scientific Coordinator in “Optimum Bioplastics Production from Organic Wastes via Dark Fermentation” (Switch2PHA). Source of funding: EΛΙΔΕΚ - Greece 2.0, Basic Research Financing Action (Horizontal support of all Sciences), Sub-action II, Funding Projects in Leading-Edge Sectors. Duration: 2023-2025.
2. Scientific Coordinator in EPAnEk – NSRF 2014-2020 – “RESEARCH - CREATE – INNOVATE”. “On-site Integrated Management of Hospital Wastewater”-DIANYA. Hellenic Foundation for Research & Innovation (HFRI) - ESPA 2014-2020. Duration: 2020-2023.
3. Team Leader (Technical University of Crete) in Hellenic Foundation for Research & Innovation (HFRI) 1st Call for Research Projects to Support Faculty Members & Researchers – “Biochars from Valorized Biomass, Oxidants, Hazardous and Emerging Micro-Pollutants and the Water Matrix: Does their Interplay Affect Notably Treatment Performance?”-BOHEMIAN. Duration: 2020-2023. Scientific Coordinator: Prof. D. Mnatzavinou
4. Team Leader (Technical University of Crete) in “Advanced hybrid oxidation processes to remove emerging pollutants of high priority from aqueous matrices”. EΔBM-103: SUPPORT FOR RESEARCHERS WITH EMPHASIS ON YOUNG RESEARCHERS-CYCLE B'. Duration: 2020-2021. Scientific Coordinator: Prof. D. Mnatzavinou
5. Scientific Coordinator in “Inactivation of antibiotic resistant bacteria in water by advanced solar applications: Assessment of process variables effects & elimination of antibiotic resistance genes” (SOLANT). SFERA-III-2019 project funded by the European Union’s Horizon 2020 research and innovation programme under grant agreement No 823802. Duration: 2019-2020.
6. Scientific Coordinator in “Greco-Roman Antimicrobial Minerals Project” (GR-AMs) - Wellcome Trust (UK). Duration: 2016 - 2017.
7. Principal Investigator in “Integrating bio-treated wastewater reuse and valorization with enhanced water use efficiency to support the Green Economy in Europe and India” (WATER4CROPS). FP7-Collaborative Research program. Duration: 2012 - 2016. Scientific Coordinator: Prof. N. Kalogerakis
8. Principal Investigator in “Program for the monitoring and control of hazardous and toxic substances from the SEA DIAMOND Shipwreck”. Funding: South Aegean Region. Duration: 2013-2015. Scientific Coordinator: Prof. E. Gidarakas.
9. Principal Investigator in “Microalgae – Bioproducts. Sustainable production of biofuels and biochemical products of high added value using microalgae”. COOPERATION program. Institution: G.G.E.T. Duration: 2012 - 2015. Scientific Coordinator: Prof. N. Kalogerakis.
10. Researcher in “Chromium in Asopos groundwater system: remediation technologies and measures”. (CHARM). LIFE10 ENV/GR/601 program. Duration: 2011 - 2015. Scientific Coordinator: Prof. N. Kalogerakis.
11. “Water quality measurements and monitoring of the operation of the Armeni WWTP” (ARMENI MONITORING). Duration: 14/12/2011 - 14/2/2013. Scientific Coordinators: Danae Venieri & Prof. Nikolaos Kalogerakis.
12. Researcher in “Quality study - control of marine water pollutants in the coastal zone of the municipality of Aspropyrgos”. Duration: 2012 - 2013. Scientific Coordinator: Prof. N. Kalogerakis.

13. Researcher in “Unravelling and exploiting Mediterranean Sea microbial diversity and ecology for Xenobiotics’ and pollutants’ clean up” (ULIXES). FP7-Collaborative Research program. Duration: 2010-2013. Scientific Coordinator: Prof. N. Kalogerakis.
14. Researcher in “Advanced systems for the enhancement of the environmental performance of wineries in Cyprus”. LIFE 08. Duration: 2010 - 2012. Scientific Coordinator: Prof. D. Mantzavinos.
15. Scientific Coordinator in “Monitoring of specific microbiological parameters in drinking water of the network of the northern axis of Crete”. Duration: 2011 - 2012.
16. “Sampling and microbial analysis of seawater near the facilities of CRETA FARM S.A.”. Duration: 2010 - 2012. Scientific Coordinators: Prof. N. Kalogerakis & Prof. Danae Venieri.
17. Principal Investigator in “Agricultural utilization of treated wastewater as an alternative water resource - EL0030”. Duration: 1/6/2010 - 30/4/2011. Scientific Coordinator: Prof. N. Kalogerakis.
18. Principal Investigator in “Program of integrated environmental monitoring of a mechanical sorting, composting and landfill unit in Akrotiri, Chania”. Operator: Intermunicipal Solid Waste Management Company of Chania. Duration: 1/1/2009 - 31/5/2010. Scientific Coordinators: Prof. Nikolaos Kalogerakis & Prof. Nikolaos Nikolaidis.
19. Principal Investigator in “Integrated system of quality certification of aquaculture products in relation to marine pollution” (SAGINI). General secretariat for research and technology. Duration: 1/11/2006 - 30/9/2008. Scientific Coordinator: Prof. I. Iliopoulou - Georgoudaki (University of Patras).
20. Principal Investigator in “Maintenance of fish quality”. Greek Ministry of Development – General secretariat for research and technology. Duration: 2006-2008. Scientific Coordinator: Prof. I. Iliopoulou - Georgoudaki (University of Patras).
21. Principal Investigator in “Development of molecular methods for the a) detection and typing of enteroviruses, adenoviruses and rota viruses and b) differentiation of faecal *Escherichia coli* from humans and animals, isolated from raw sewage”. PENED - Greek Ministry of Development – General secretariat for research and technology. Duration: 2002-2005. Scientific Coordinator: Prof. M. Papaetropoulou (University of Patras).
22. Principal Investigator in “Establishment of Disk Diffusion Quality Control Limits for *Escherichia coli* and *Aeromonas salmonicida* subsp. *salmonicida*: 10 Laboratory Quality Control Study” (organized by NCCLS) – 2003-2005 (University of Patras).
23. Principal Investigator in “Establishment of MIC Quality Control Limits for *Escherichia coli* and *Aeromonas salmonicida* subsp. *salmonicida*: 10 Laboratory Quality Control Study” (organized by NCCLS) – 2003-2005 (University of Patras).
24. Principal Investigator in “Development of new techniques for the monitoring and control of human viral contamination in shellfish”. Source of funding: EU. Duration: 1/11/1998 - 30/11/2001. Scientific Coordinator: Dr Rosina Girones (University of Barcelona).

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## ***Admin Duties***

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| 1/2023-31/8/2026 | Vice-Rector of Finance and Development, Technical University of Crete   |
| 9/2021-8/2024    | Member of the Deanery of the School of Chemical & Environmental Engineering of the Technical University of Crete. |

9/2021-today	Member of the committee of the Strategic Planning Unit of the Technical University of Crete.
11/2020-12/2022	Representative of the School of Chemical and Environmental Engineering at the Quality Assurance Unit (MODIP) of the Technical University of Crete.
12/2019-8/2022	Member of the Coordinating Committee of Postgraduate Studies of the School of Chemical & Environmental Engineering, Technical University of Crete.
2013-1/2023	Head of the School of Chemical & Environmental Engineering for the "Higher Education Internship of the Technical University of Crete".
2011-8/2022	Member of the Internal Evaluation Committee, School of Chemical & Environmental Engineering.
3/2015-3/2021	Professors' representative in the Health & Safety Committee of the Technical University of Crete.
1/2012-8/2015	Head of the School of Environmental Engineering for the Erasmus+ program.
2009-2013	Member of the General Assembly of the Special Composition of the MSc "Quality Control & Environmental Management".
2011-2013	Representative of the Department of Environmental Engineering in the Senate at the rank of Lecturer.
2011-2013	Representative of the Department of Environmental Engineering in the Green Committee of the Municipality of Chania.

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### ***Other Professional Activities***

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8/2022-today	Executive Editor of the Journal of Chemical Technology and Biotechnology (Publisher: John Wiley & Sons on behalf of the Society of Chemical Industry).
2017-8/2022	Associate Editor of the Journal of Chemical Technology and Biotechnology (Publisher: John Wiley & Sons on behalf of the Society of Chemical Industry).
2018-today	Editorial Board Member of Catalysts – <i>Photocatalysis section</i> (Publisher: MDPI - Multidisciplinary Digital Publishing Institute).
2022-2023	Guest Editor fo the Journal of Chemical Technology and Biotechnology (Publisher: John Wiley & Sons on behalf of the Society of Chemical Industry). Special issue on Recent Advances in Bioremediation (8th European Bioremediation Conference (EBC-VIII) held in Chania, Greece, 12-17 June 2022).
2018-2019	Guest Editor of the Journal of Chemical Technology and Biotechnology (Volume 95, Issue 4) - (Publisher: John Wiley & Sons on behalf of the Society of Chemical Industry). Special issue on Recent Advances in Bioremediation (7th European Bioremediation Conference held in Chania, Greece, 25-28 June 2018).
2018-2019	Guest Editor of Catalysts (Volume 9). Special issue on Photocatalysis Science and Engineering in Europe Catalysts – <i>Photocatalysis section</i> (Publisher: MDPI - Multidisciplinary Digital Publishing Institute).

- 2013-2017      Advisory Editorial Board Member of the Journal of Chemical Technology and Biotechnology (Publisher: John Wiley & Sons on behalf of the Society of Chemical Industry).
- 2016            Guest Editor του Περιοδικού Journal of Chemical Technology and Biotechnology (Volume 91, Issue 6) - (Publisher: John Wiley & Sons on behalf of the Society of Chemical Industry). Special issue on Recent Advances in Bioremediation (6th European Bioremediation Conference held in Chania, Greece, 29 June - 2 July 2015).
- 2012            Member of the Scientific Committee of the conference IWA Regional Conference on Wastewater Purification & Reuse WWPR2012, Heraklion, 28-30 March 2012.
- 2013            Member of the Scientific Committee of the 13<sup>th</sup> International Conference on Environmental Science and Technology, CEST 2013, Athens, 5-7 September 2013.
- 2015            Member of the Scientific Committee of the 14th International Conference on Environmental Science and Technology, CEST 2015, Rhodes, 3-5 September 2015.
- 2015            Member of the Scientific Committee of the 4th European conference on environmental applications of advanced oxidation processes – EAAOP4, Athens, 21-24 October 2015.
- 2019            Member of the Scientific Committee of the 6th European Conference on environmental applications of advanced oxidation processes – EAAOP6, Portoroz-Portorose, Slovenia, 26-30 June 2019.
- 2019            Member of the Scientific Committee of the 16th International Conference on Environmental Science and Technology, CEST 2019, Rhodes, 4-7 September 2019.
- 2019            Member of the Organizing Committee of the 8th Mikrobiokosmos Conference, Patras, 18-20 April 2019.
- 2019-today    Member of the Board of Directors of the Scientific Society Mikrobiokosmos.
- 2021            Member of the Organizing and Scientific Committee of the 9th Conference of Mikrobiokosmos, Athens, 16-18 December 2021.
- 2005-today    International Water Association: Member
- 2011-2015    International Ultraviolet Association: Member
- 2023            Member of the Organizing and Scientific Committee of the 10th International Conference of Mikrobiokosmos, Larissa, 17-19 September 2023.



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**Research Publications**

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**Research papers in referred journals**

1. A. Vantarakis, G. Komninou, **D. Venieri**, M. Papapetropoulou, 2000. Development of a multiplex PCR detection of *Salmonella* spp. and *Shigella* spp. in mussels. Letters in Applied Microbiology, 31(2): 105-110. <https://doi.org/10.1046/j.1365-2672.2000.00797.x>
2. G. Komninou, A. Vantarakis, **D. Venieri**, M. Papapetropoulou, 2004. Evaluation of virological quality of sewage from four biological treatment plants by a nested PCR technique. Water Science and Technology, 50(1): 253-257.
3. **D. Venieri**, A. Vantarakis, G. Komninou, M. Papapetropoulou, 2004. Differentiation of fecal *Escherichia coli* from human and animal sources by Random Amplified Polymorphic DNA-PCR (RAPD-PCR). Water Science and Technology, 50(1): 193-198.
4. A. Vantarakis, A. Tsibouxi, **D. Venieri**, G. Komninou, A. Athanassiadou, M. Papapetropoulou, 2005. Evaluation of microbiological quality of coastal waters of Greece. Journal of Water and Health, 3(4): 371-380. DOI: [10.2166/wh.2005.045](https://doi.org/10.2166/wh.2005.045)
5. A. Vantarakis, **D. Venieri**, G. Komninou, M. Papapetropoulou, 2006. Differentiation of faecal *Escherichia coli* from humans and animals by Multiple Antibiotic Resistance Analysis. Letters in Applied Microbiology, 42(1): 71-77. <https://doi.org/10.1111/j.1472-765X.2005.01803.x>
6. **D. Venieri**, A. Vantarakis, G. Komninou, M. Papapetropoulou, 2006. Microbiological evaluation of bottled non-carbonated “still” water from domestic brands in Greece. International Journal of Food Microbiology, 107(1): 68-72. DOI: [10.1016/j.ijfoodmicro.2005.08.013](https://doi.org/10.1016/j.ijfoodmicro.2005.08.013)
7. A. Vantarakis, **D. Venieri**, G. Komninou, M. Papapetropoulou, 2006. Hybridization of F+ RNA Coliphages detected in shellfish samples with oligonucleotide probes to assess the origin of microbiological pollution of shellfish. Water Science and Technology, 54(3): 219-223. DOI: [10.2166/wst.2006.472](https://doi.org/10.2166/wst.2006.472)
8. E. Jelastopulu, T. Constantinidis, T. Kolokotronis, **D. Venieri**, G. Komninou, C. Bantias, 2006. Outbreak of acute gastroenteritis in an Air Force Base in Western Greece. BMC Public Health, 6, art. no. 254. <http://www.biomedcentral.com/1471-2458/6/254/prepub>
9. J. Iliopoulou-Georgudaki, C. Theodoropoulos, **D. Venieri**, M. Lagkadinou, 2009. A model predicting the microbiological quality of aquacultured sea bream (*Sparus aurata*) according to physicochemical data: An application in Western Greece fish aquaculture. International Journal of Bioengineering and Life Sciences, 3(1): 97-104.
10. E. Jelastopulu, E.C. Alexopoulos, **D. Venieri**, G. Tsiros, G. Komninou, T.C. Constantinidis, K. Chrysanthopoulos, 2009. Substantial underreporting of tuberculosis in Western Greece: implications for local and national surveillance. Eurosurveillance, 14(11): 1-4.
11. N.P. Xekoukoulotakis, N. Xinidis, M. Chroni, D. Mantzavinos, **D. Venieri**, E. Hapeshi, D. Fatta-Kassinou, 2010. UV-A/TiO<sub>2</sub> photocatalytic decomposition of erythromycin in water: Factors affecting mineralization and antibiotic activity. Catalysis Today, 151(1-2): 29-33. <https://doi.org/10.1016/j.cattod.2010.01.040>
12. **D. Venieri**, A. Rouvalis, J. Iliopoulou-Georgudaki, 2010. Microbial and toxic evaluation of raw and treated olive oil mill wastewaters. Journal of Chemical Technology and Biotechnology, 85(10): 1380-1388. <https://doi.org/10.1002/jctb.2444>
13. F.E. Stamati, N.P. Nikolaidis, **D. Venieri**, E. Psillakis, N. Kalogerakis, 2011. Dissolved organic nitrogen as an indicator of livestock impacts on soil biochemical quality. Applied Geochemistry, 26(SUPPL.): S340-S343. <https://doi.org/10.1016/j.apgeochem.2011.03.070>
14. E. Chatzisyneon, A. Droumpali, D. Mantzavinos, **D. Venieri**, 2011. Disinfection of water and wastewater by UV-A and UV-C irradiation: application of real-time PCR method. Photochemical and Photobiological Sciences, 10(3): 389-395. DOI: [10.1039/c0pp00161a](https://doi.org/10.1039/c0pp00161a)

15. Z. Frontistis, C. Brebou, **D. Venieri**, D. Mantzavinos, A. Katsaounis, E. Chatzisyneon, 2011. BDD anodic oxidation as tertiary wastewater treatment for the removal of emerging micro-pollutants, pathogens and organic matter. *Journal of Chemical Technology and Biotechnology*, 86(10): 1233-1236. <https://doi.org/10.1002/jctb.2669>
16. Z. Frontistis, N.P. Xekoukoulotakis, E. Hapeshi, **D. Venieri**, D. Fatta-Kassinis, D. Mantzavinos, 2011. Fast degradation of estrogen hormones in environmental matrices by photo-Fenton oxidation under simulated solar radiation. *Chemical Engineering Journal*, 178: 175-182. <https://doi.org/10.1016/j.cej.2011.10.041>
17. **D. Venieri**, E. Chatzisyneon, M.S. Gonzalo, R. Rosal, D. Mantzavinos, 2011. Inactivation of *Enterococcus faecalis* by TiO<sub>2</sub>-mediated UV and solar irradiation in water and wastewater: culture techniques never say the whole truth. *Photochemical and Photobiological Sciences*, 10(11): 1744-1750. DOI: 10.1039/c1pp05198a
18. D. Dimitrakopoulou, I. Rethemiotaki, Z. Frontistis, N.P. Xekoukoulotakis, **D. Venieri**, D. Mantzavinos, 2012. Degradation, mineralization and antibiotic inactivation of amoxicillin by UV-A/TiO<sub>2</sub> photocatalysis. *Journal of Environmental Management*, 98(1): 168-174. <https://doi.org/10.1016/j.jenvman.2012.01.010>
19. **D. Venieri**, E. Chatzisyneon, S.S. Sofianos, E. Politi, N.P. Xekoukoulotakis, A. Katsaounis, D. Mantzavinos, 2012. Removal of faecal indicator pathogens from waters and wastewaters by photoelectrocatalytic oxidation on TiO<sub>2</sub>/Ti-films under simulated solar radiation. *Environmental Science and Pollution Research* 19(9): 3782-3790. DOI: [10.1007/s11356-012-0768-5](https://doi.org/10.1007/s11356-012-0768-5)
20. Z. Frontistis, C. Drosou, K. Tyrovola, D. Mantzavinos, D. Fatta-Kassinis, **D. Venieri**, N.P. Xekoukoulotakis, 2012. Experimental and modeling studies of the degradation of estrogen hormones in aqueous TiO<sub>2</sub> suspensions under simulated solar radiation. *Industrial and Engineering Chemistry Research*, 51(51): 16552-16563. <https://doi.org/10.1021/ie300561b>
21. **D. Venieri**, E. Chatzisyneon, E. Politi, S.S. Sofianos, A. Katsaounis, D. Mantzavinos, 2013. Photoelectrocatalytic disinfection of water and wastewater: performance evaluation by qPCR and culture techniques. *Journal of Water and Health*, 11(1): 21-29. DOI: [10.2166/wh.2012.208](https://doi.org/10.2166/wh.2012.208)
22. **D. Venieri**, E. Markogiannaki, E. Chatzisyneon, E. Diamadopoulos, D. Mantzavinos, 2013. Inactivation of *Bacillus anthracis* in water by photocatalytic, photolytic and sonochemical treatment. *Photochemical and Photobiological Sciences*, 12(4): 645-652. DOI: [10.1039/c2pp25198a](https://doi.org/10.1039/c2pp25198a)
23. V. Koutantou, M. Kostadima, E. Chatzisyneon, Z. Frontistis, V. Binas, **D. Venieri**, D. Mantzavinos, 2013. Solar photocatalytic decomposition of estrogens over immobilized zinc oxide. *Catalysis Today*, 209: 66– 73. <https://doi.org/10.1016/j.cattod.2012.11.004>
24. C. Bouki, **D. Venieri**, E. Diamadopoulos, 2013. Detection and fate of antibiotic resistant bacteria (ARB) in wastewater treatment plants: A review. *Ecotoxicology & Environmental Safety*, 91:1-9. DOI: [10.1016/j.ecoenv.2013.01.016](https://doi.org/10.1016/j.ecoenv.2013.01.016)
25. A. Zacharakis, E. Chatzisyneon, V. Binas, Z. Frontistis, **D. Venieri**, D. Mantzavinos, 2013. Solar photocatalytic degradation of bisphenol A on immobilized ZnO or TiO<sub>2</sub>. *International Journal of Photoenergy*, 2013, Article number 570587. <https://doi.org/10.1155/2013/570587>
26. M. Nikolopoulou, P. Eickenbusch, N. Pasadakis, **D. Venieri**, N. Kalogerakis, 2013. Microcosm evaluation of autochthonous bioaugmentation to combat marine oil spills. *New Biotechnology*, 30 (6): 734-742. <https://doi.org/10.1016/j.nbt.2013.06.005>
27. **D. Venieri**, C. Theodoropoulos, M. Lagkadinou, J. Iliopoulou-Georgudaki, 2013. Effects of ice and seawater storing conditions on the sensory, chemical and microbiological quality of the Mediterranean hake (*Merluccius merluccius*) during post-catch handling and distribution. *International Journal of Food Engineering*, 7 (2): 825-830.
28. G. Pliego, N.P. Xekoukoulotakis, **D. Venieri**, J. Zazo, J. Casas, J. Rodriguez, D. Mantzavinos, 2014. Complete degradation of the persistent anti-depressant sertraline in aqueous solution

- by solar photo-Fenton oxidation. *Journal of Chemical Technology and Biotechnology*, 89: 814-818. <https://doi.org/10.1002/jctb.4314>
29. **D. Venieri**, A. Fraggadaki, M. Kostadima, E. Chatzisyneon, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Solar light and metal-doped TiO<sub>2</sub> to eliminate water-transmitted bacterial pathogens: Photocatalyst characterization and disinfection performance. *Applied Catalysis B: Environmental*, 154-155: 93-101. <https://doi.org/10.1002/jctb.4314>
  30. S. Fanourgiakis, Z. Frontistis, E. Chatzisyneon, **D. Venieri**, D. Mantzavinos, 2014. Simultaneous removal of estrogens and pathogens from secondary treated wastewater by solar photocatalytic treatment. *Global Nest*, 16(3): 543-552. <https://doi.org/10.30955/gnj.001389>
  31. **D. Venieri**, I. Gounaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2015. Inactivation of MS2 coliphage in sewage by solar photocatalysis using metal-doped TiO<sub>2</sub>. *Applied Catalysis B: Environmental*, 178: 54-64. <https://doi.org/10.1016/j.apcatb.2014.10.052>
  32. **D. Venieri**, A. Fraggadaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2015. Study of generated genetic polymorphisms during the photocatalytic elimination of *Klebsiella pneumoniae* in water. *Photochemical and Photobiological Sciences*, 14(3):506-513. DOI <https://doi.org/10.1039/C4PP00291A>
  33. P. Babatsouli, S. Fodelianakis, N. Paranychianakis, **D. Venieri**, M. Dialynas, N. Kalogerakis, 2015. Single stage treatment of saline wastewater with marine bacterial-microalgae consortia in a fixed-bed photoreactor. *Journal of Hazardous Materials*, 292: 155-163. DOI: [10.1016/j.jhazmat.2015.02.060](https://doi.org/10.1016/j.jhazmat.2015.02.060)
  34. E. Mastrapostoli, M. Santamouris, D. Kolokotsa, V. Perdikatsis, **D. Venieri**, K. Gompakis, 2016. On the ageing of cool roofs: Measure of the optical degradation, chemical and biological analysis and assessment of the energy impact. *Energy and Buildings*, 114: 191-199. <https://doi.org/10.1016/j.enbuild.2015.05.030>
  35. C. Papadopoulos, Z. Frontistis, M. Antonopoulou, **D. Venieri**, I. Konstantinou, D. Mantzavinos, 2016. Sonochemical degradation of ethyl paraben in environmental samples: Statistically important parameters determining kinetics, by-products and pathways. *Ultrasonics Sonochemistry*, 31: 62-70. <https://doi.org/10.1016/j.ultsonch.2015.12.002>
  36. R.S. Ribeiro, Z. Frontistis, D. Mantzavinos, **D. Venieri**, M. Antonopoulou, I.K. Konstantinou, A.M.T. Silva, J.L. Faria, H.T. Gomes, 2016. Magnetic carbon xerogels for the catalytic wet peroxide oxidation of sulfamethoxazole in environmentally relevant water matrices. *Applied Catalysis B: Environmental*, 199: 170-186. <https://doi.org/10.1016/j.apcatb.2016.06.021>
  37. **D. Venieri**, I. Gounaki, M. Bikouvaraki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2017. Solar photocatalysis as disinfection technique: inactivation of *Klebsiella pneumoniae* in sewage and investigation of changes in antibiotic resistance profile. *Journal of Environmental Management*, 195: 140-147. <https://doi.org/10.1016/j.jenvman.2016.06.009>
  38. Z. Frontistis, M. Antonopoulou, **D. Venieri**, I. Konstantinou, D. Mantzavinos, 2017. Boron-doped diamond oxidation of amoxicillin pharmaceutical formulation: Statistical evaluation of operating parameters, reaction pathways and antibacterial activity. *Journal of Environmental Management*, 195: 100-109. DOI: [10.1016/j.jenvman.2016.04.035](https://doi.org/10.1016/j.jenvman.2016.04.035)
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  38. P. Babatsouli, S. Fodelianakis, **D. Venieri**, M. Dialynas, M. Koykaras, N. Kalogerakis, 2013. Oral presentation: Evaluation of a compact system (AdvanTex) for saline wastewater treatment. 13<sup>th</sup> International Conference on Environmental Science and Technology – CEST2013, Athens, Greece, 5-7 September 2013.
  39. P. Babatsouli, S. Fodelianakis, **D. Venieri**, M. Dialynas, N. Kalogerakis, 2013. Oral presentation: Saline wastewater treatment for aquaculture facilities. 7<sup>th</sup> International Conference on Environmental Engineering and Management - Integration ICEEM, Vienna, Austria, 18-21 September 2013.
  40. **D. Venieri**, A. Fraggadaki, M. Kostadima, E. Chatzisyneon, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2013. Oral presentation: Investigation of Mn & Co doped TiO<sub>2</sub> semiconductors for solar photocatalytic disinfection purposes. 3<sup>rd</sup> European conference on environmental applications of advanced oxidation processes –EAAOP3, Almeria, Spain, 28-30 October 2013.
  41. **D. Venieri**, E. Chatzisyneon, C. Brebou, M.I. Polo-López, I. García-Fernández, D. Mantzavinos, P. Fernández-Ibáñez, 2013. Poster: Solar photo-Fenton inactivation of *Legionella pneumophila* in environmental samples. 3<sup>rd</sup> European conference on

- environmental applications of advanced oxidation processes –EAAOP3, Almeria, Spain, 28-30 October 2013.
42. **D. Venieri**, I. Gounaki, V. Binas, Zchopoulos A., G. Kiriakidis, D. Mantzavinos, 2014. Poster: Inactivation of MS2 coliphages in sewage by solar photocatalysis using metal-doped TiO<sub>2</sub>. 2<sup>nd</sup> International conference on recycling and reuse, Istanbul, Turkey, 4-6 June 2014.
  43. **D. Venieri**, I. Gounaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Poster: Inactivation of MS2 coliphages in sewage by solar photocatalysis using metal-doped TiO<sub>2</sub>. 8<sup>th</sup> European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA8), Thessaloniki, Greece, 25-28 June 2014.
  44. **D. Venieri**, A. Fraggadaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Poster: Solar photocatalysis and metal-doped TiO<sub>2</sub>: elimination of *Klebsiella pneumoniae* in water & study of generated genetic polymorphisms. 8<sup>th</sup> European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA8), Thessaloniki, Greece, 25-28 June 2014.
  45. C. Bouki, **D. Venieri**, E. Diamadopoulou, 2014. Oral presentation: Occurrence of antibiotic resistant bacteria isolated from surface water and wastewater in Chania. 4<sup>th</sup> International Conference “Industrial and Hazardous Waste Management”, Chania, Greece, 2-5 September 2014.
  46. **D. Venieri**, I. Gounaki, A. Fraggadaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Oral presentation: From photocatalytic materials to environmental microbiology: science and applications. 5<sup>th</sup> International Symposium on Transparent Conductive Materials (TCM 2014), Chania, Greece, 12-17 October 2014.
  47. A. Kaliakatsos, **D. Venieri**, T. Manios, N. Kalogerakis, 2015. Oral presentation: Efficiency of a constructed wetlands system for wastewater treatment: removal of bacterial indicators and enteric viruses. 6<sup>th</sup> European Bioremediation Conference, Chania, Greece, June 29 - July 2, 2015.
  48. M. Bikouvaraki, I. Gounaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, **D. Venieri**, 2015. Oral presentation: Inactivation of *Klebsiella pneumoniae* in sewage by solar photocatalysis and investigation of changes in antibiotic resistance profile. 14<sup>th</sup> International Conference on Environmental Science and Technology, CEST 2015, Rhodes, 3-5 September 2015.
  49. **D. Venieri**, I. Gounaki, M. Bikouvaraki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2015. Poster: Solar photocatalysis as disinfection technique: Inactivation of *Klebsiella pneumoniae* in sewage and investigation of changes in antibiotic resistance profile. 4<sup>th</sup> European Conference on Environmental Applications of Advanced Oxidation Processes, EAAOP4, Athens, Greece, 21-24 October 2015.
  50. **D. Venieri**, F. Tournas, I. Gounaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2015. Poster: Inactivation of *Staphylococcus aureus* in water by means of solar photocatalysis using metal doped TiO<sub>2</sub> semiconductors. 4<sup>th</sup> European Conference on Environmental Applications of Advanced Oxidation Processes, EAAOP4, Athens, Greece, 21-24 October 2015.
  51. Z. Frontistis, A. Liangou, O. Zervaki, S. Arapitsa, M.I. Karga, **D. Venieri**, D. Mantzavinos, 2015. Poster: Solar light-ZnO degradation of ethylparaben: Statistical evaluation of operating factors and estrogenic activity. 4<sup>th</sup> European Conference on Environmental Applications of Advanced Oxidation Processes, EAAOP4, Athens, Greece, 21-24 October 2015.
  52. Z. Frontistis, A. Ioannidi, K. Kassara, G. Voukelatos, **D. Venieri**, D. Mantzavinos, 2015. Poster: Boron-doped diamond anodic oxidation of amoxicillin wastewater: Statistical evaluation of operating factors and antibiotic resistance. 4<sup>th</sup> European Conference on Environmental Applications of Advanced Oxidation Processes, EAAOP4, Athens, Greece, 21-24 October 2015.
  53. E. Ioannidou, Z. Frontistis, **D. Venieri**, D. Kondarides, D. Mantzavinos, 2015. Poster: Solar photocatalytic degradation and antibiotic inactivation of sulfamethoxazole by tungsten -

- modified TiO<sub>2</sub>. 4<sup>th</sup> European Conference on Environmental Applications of Advanced Oxidation Processes, EAAOP4, Athens, Greece, 21-24 October 2015.
54. **D. Venieri**, C. Tegkelidi, I. Gounaki, D. Mantzavinos, E. Diamadopoulos, 2016. Poster: Antibiotic resistant bacteria in water: inactivation by ozonation and investigation of changes in resistance profile. 10<sup>th</sup> ISEB Conference – International Society for Environmental Biotechnology, Barcelona, Spain, 1-3 June 2016.
55. C.B. Özkal, **D. Venieri**, S. Meric, 2016. Oral presentation: Assessment of thin-film photocatalysis inactivation of different bacteria strains and variation in antibiotic resistance behavior. 3<sup>rd</sup> International Conference on Recycling and Reuse, Istanbul, Turkey, 28-30 September, 2016.
56. **D. Venieri**, 2016. Προσκεκλημένη ομιλία: Disinfection of waters/wastewaters by solar photocatalysis. 6<sup>th</sup> International Symposium on Transparent Conductive Materials (TCM 2016), Chania, Greece, 9-13 October 2016.
57. A. Kaliakatsos, K. Koumaki, V. Binas, G. Kiriakidis, **D. Venieri**, 2017. Oral presentation: Wastewater disinfection by means of solar photocatalysis using metal-doped TiO<sub>2</sub> semiconductors in pilot scale application. 5<sup>th</sup> European conference on environmental applications of advanced oxidation processes - EAAOP5, Prague, Czech Republic, 25-29 June 2017.
58. K. Koumaki, A. Kaliakatsos, A. Petala, D.I. Kondarides, **D. Venieri**, 2017. Oral presentation: Pilot scale application of solar photocatalysis for wastewater disinfection. 5<sup>th</sup> European conference on environmental applications of advanced oxidation processes - EAOOP5, Prague, Czech Republic, 25-29 June 2017.
59. T. Makropoulou, P. Panagiotopoulou, **D. Venieri**, 2017. Oral presentation: N-Doped TiO<sub>2</sub> photocatalysts for bacterial inactivation in water. 5<sup>th</sup> European conference on environmental applications of advanced oxidation processes - EAAOP5, Prague, Czech Republic, 25-29 June 2017.
60. A. Kaliakatsos, S. Christophilopoulos, K. Koumaki, I. Gounaki, N. Kalogerakis, **D. Venieri**, 2017. Oral presentation: A pilot scale constructed wetland as tertiary treatment of wastewater for the removal of pathogens and antibiotic resistant bacteria. 9<sup>th</sup> International Conference on Environmental Engineering and Management, Bologna, Italy, 6-9 September 2017.
61. S. Christofilopoulos, A. Kaliakatsos, K. Triantafyllou, S. Voutsadaki, N. Nikolaidis, **D. Venieri**, N. Kalogerakis, 2017. Oral presentation: Evaluation of a constructed wetland for wastewater treatment, with emphasis on the removal of emerging organic contaminants and antibiotic resistant bacteria. 9<sup>th</sup> International Conference on Environmental Engineering and Management, Bologna, Italy, 6-9 September 2017.
62. M. Čvančarová, J. Svojitka, F. Bonacci, T. Wintgens, N. Kalogerakis, **D. Venieri**, M. Lenz, P.F.X. Corvini, 2018. Oral presentation: Combined processes for effective removal of fungicides from wastewater. 7<sup>th</sup> European Bioremediation Conference, Chania, Greece, 25-28 June 2018.
63. M.A. Lironi, I. Gounaki, **D. Venieri**, 2018. Poster: Water disinfection methods for bacterial inactivation & study of damages in subcellular level. 7<sup>th</sup> European Bioremediation Conference, Chania, Greece, 25-28 June 2018.
64. K. Gavala, I. Gounaki, **D. Venieri**, 2018. Poster: Inactivation of antibiotic resistant bacteria isolated from surface water & study of changes in resistance profile. 7<sup>th</sup> European Bioremediation Conference, Chania, Greece, 25-28 June 2018.
65. T. Pittas, I. Gounaki, **D. Venieri**, 2018. Poster: Occurrence and fate of antibiotic resistant bacteria during wastewater treatment. 6<sup>th</sup> International Conference on Industrial and Hazardous Waste Management Crete 2018, Chania, Greece, 4-7 September 2018.
66. A. Kaliakatsos, N. Kalogerakis, T. Manios, I. Gounaki, **D. Venieri**, 2018. Oral presentation: Efficiency of constructed wetland systems for wastewater treatment: removal of microbial pathogens and elimination of antibiotic resistance genes. XENOWAC 2018 - International Conference on Challenges and Solutions related to Xenobiotics and Antimicrobial Resistance

- in the Framework of Urban WasteWater Reuse: Towards a Blue Circle Society, Limassol, Cyprus, 10-12 October 2018.
67. N. Kalogerakis, S. Christofilopoulos, E. Syranidou, E. Manousaki, **D. Venieri**, 2018. Oral presentation: Tertiary wastewater treatment of emerging organic contaminants using constructed wetlands. XENOWAC 2018 - International Conference on Challenges and Solutions related to Xenobiotics and Antimicrobial Resistance in the Framework of Urban WasteWater Reuse: Towards a Blue Circle Society, Limassol, Cyprus, 10-12 October 2018.
  68. **D. Venieri**, A. Kaliakatsos, K. Koumaki, V. Binas, G. Kiriakidis, A. Petala and D.I. Kondarides. Προσκεκλημένη ομιλία: Disinfection of wastewater by solar photocatalysis in a pilot-scale application. 7th International Symposium on Transparent Conductive Materials (TCM 2018), Chania, Greece, 14-19 October 2018.
  69. E.L. Papadopoulou, M. Zahid, V.D. Binas, G. Kiriakidis, I. Gounaki, O. Moira, G. Surato, **D. Venieri**, I.S. Bayer, A. Athanassiou. Oral presentation: Fabrication of visible light-induced antibacterial and self-cleaning cotton fabrics using manganese doped TiO<sub>2</sub> nanoparticles. 7th International Symposium on Transparent Conductive Materials (TCM 2018), Chania, Greece, 14-19 October 2018.
  70. A. Kaliakatsos, N. Kalogerakis, T. Manios, I. Gounaki, **D. Venieri**. Poster: Elimination of microbial pathogens and antibiotic resistance genes from wastewater using constructed wetland systems. 8<sup>th</sup> Congress of the Scientific Society "MikroBioKosmos", Patras, Greece, 18 - 20 April 2019.
  71. G. Stavridis, **D. Venieri**. Poster: Landfill site selection with GIS and Multi-Criteria analysis: Case study for Zakynthos Island. HERAKLION 2019 – 7<sup>th</sup> International Conference on Sustainable Solid Waste Management, 26-28 June 2019.
  72. **D. Venieri**, A. Karapa, M. Panagiotopoulou, I. Gounaki. Poster: Application of activated persulfate salts for disinfection purposes. 6<sup>th</sup> European conference on environmental applications of advanced oxidation processes – EAAOP6, Portoroz-Portorose, Slovenia, 26-30 June 2019.
  73. G. Suarato, E.L. Papadopoulou, D. Kossyvaki, **D. Venieri**, I. Gounaki, R. Bertorelli, A. Athanassiou. Oral presentation: “Keratin-based composites as natural biomaterials for skin wound care”. Euromat 2019 – European congress and exhibition on advanced materials and processes, Stockholm, Sweden, 1-5 September 2019.
  74. I. Gounaki, M.A. Lironi, **D. Venieri**. Poster: Bacterial inactivation and study of damages in subcellular level during disinfection of aqueous samples. 16<sup>th</sup> International Conference on Environmental Science and Technology, CEST 2019, Rhodes, 4-7 September 2019.
  75. D. Kossyvaki, E.L. Papadopoulou, G. Suarato, I. Gounaki, **D. Venieri**, A. Athanassiou. Oral presentation: “Keratin-Polyvinylpyrrolidone-Cinnamon Essential Oil electrospun nanofibers as natural-based smart wound dressings”. FisMat2019, University of Catania, Italy, 30 September – 4 October 2019.
  76. E. Grilla, M.E. Taheri, **D. Venieri**, D. Mantzavinos. Oral presentation: “Degradation of dexamethasone using anodic oxidation, solar light and persulfate in environmental matrices”. 1st International Conference on Environmental Design (ICED2020), Athens, Greece, 24-25 October 2020.
  77. E. Leonidou, E. Syranidou, I. Gounaki, **D. Venieri**. Oral presentation: “The contribution of microplastics to the spread of antibiotic resistance genes during wastewater treatment”. ASM Microbe 2021 & FEMS2021. World Microbe Forum, a Virtual Meeting of the Microbial Sciences, 20-24 June 2021.
  78. A. Kaliakatsos, T. Manios, N. Kalogerakis, **D. Venieri**. Oral presentation: “Treatment of urban wastewater by a constructed wetland system: elimination of enteric viruses, antibiotic resistant bacteria and resistance genes”. 9<sup>th</sup> Conference of Mikrobiokosmos, Athens, Greece, 16-18 December 2021.
  79. I. Gounaki, M.A. Lironi, M.I. Polo-López, V. Binas, **D. Venieri**. Poster: “Inactivation of antibiotic resistant bacteria in water by advanced solar applications: Assessment of process

- variables effects & elimination of antibiotic resistance genes”. 9<sup>th</sup> Conference of Mikrobiokosmos, Athens, Greece, 16-18 December 2021.
80. I. Metallidou, T. Daras, **D. Venieri**, E. Maria. Poster: “The Nagoya protocol and collections of microorganisms: current situation of the Greek collections of microorganisms, implementation issues and development prospects”. 9<sup>th</sup> Conference of Mikrobiokosmos, Athens, Greece, 16-18 December 2021.
81. A. Kaliakatsos, T. Manios, S. Dokianakis, A. S. Stasinakis, M.S. Fountoulakis, I. Gounaki, **D. Venieri**. Poster: “Treatment of hospital wastewater: control of antibiotic resistant bacteria, resistance genes and ecotoxicity”. Ninth International Conference on Environmental Managements, Engineering, Planning and Economics (CEMEPE 2022) and SECOTOX Conference, Mykonos, Greece, 3-9 June 2022.
82. A. Kaliakatsos, T. Manios, A.S. Stasinakis, N. Katsarakis, M. Fountoulakis, S. Dokianakis, N. Kalogerakis, I. Gounaki, **D. Venieri**. Oral presentation: “Treatment of hospital wastewater: emphasis on ecotoxicity and antibiotic resistance genes”. 8<sup>th</sup> European Bioremediation Conference, Chania, Greece, 12-17 June 2022.
83. A. Kyriazi, I. Gounaki, D. Mantzavinos, **D. Venieri**. Oral presentation: “Abatement of micro-pollutants and disinfection in watercourses: the intriguing role of the water matrix”. 8<sup>th</sup> European Bioremediation Conference, Chania, Greece, 12-17 June 2022.
84. P. Kokkinos, **D. Venieri**, D. Mantzavinos. Oral presentation: “Wastewater treatment during covid-19 pandemic. Defining real wastewater risks”. 8<sup>th</sup> European Bioremediation Conference, Chania, Greece, 12-17 June 2022.
85. A. Mavrikos, D. Vayenas, A. Tekerlekopoulou, **D. Venieri**, D. Papoulis. Poster: “Greek palygorskite and sepiolite used for wastewater disinfection against *E. coli*”. 16<sup>th</sup> International Congress of the Geological Society of Greece, Patras, Greece, 17-19 October 2022.
86. **D. Venieri**. Oral presentation: “Trends and Perspectives in Advanced Water/Wastewater Disinfection”. 8<sup>th</sup> International Symposium on Transparent Conductive Materials & 12<sup>th</sup> International Symposium on Transparent Oxide and Related Materials for Electronics and Optics (TCMs TOEO 2022), Heraklion, Greece, 16 – 21 October 2022.
87. A. Kaliakatsos, I. Gounaki, E. Karagiannis, S. Dokianakis, A.S. Stasinakis, N. Katsarakis, **D. Venieri**. Oral presentation: “A pilot-scale unit for on-site hospital wastewater treatment”. 10<sup>th</sup> International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference, Skiathos, Greece, 5-9 June 2023.
88. A. Kaliakatsos, I. Gounaki, S. Dokianakis, E. Maragkaki, A.S. Stasinakis, S. Gyparakis, N. Katsarakis, T. Manios, M.S. Fountoulakis, E. Karagiannis, **D. Venieri**. Oral presentation: “On-site hospital wastewater treatment: emphasis on ecotoxicity and antibiotic resistant bacteria”. Water Innovation and Circularity Conference (WICC), Athens, Greece, 7-9 June 2023.
89. D.P. Ntentakis, A.M. Ntentaki, E. Delavogia, P. Seridou, N. Sfakianos, P. Katafygiotis, **D. Venieri**, N. Arkadopoulos, N. Kalogerakis. Oral presentation: “Enhancing In Vivo Wound Healing Using an Original Dissolved-Oxygen Biotechnology”. American College of Surgeons – Clinical Congress 2023, Boston, USA, 22-26 October 2023.
90. M.A. Aretaki, K. Stavroulakis, I. Gounaki, A. Stefanakis, **D. Venieri**. Oral presentation: “Municipal wastewater treatment by means of pilot scale constructed wetlands: elimination of microorganisms and antibiotic resistance genes”. 10<sup>th</sup> Conference of Mikrobiokosmos, Larissa, Greece, 30 November - 2 December 2023.
91. K. Karakoula, D. Morfogianni, I. Gounaki, D. Fragouli, **D. Venieri**. Oral presentation: “Study of the ecotoxicity and biodegradation of bioplastics”. 10<sup>th</sup> Conference of Mikrobiokosmos, Larissa, Greece, 30 November - 2 December 2023.
92. N. Stouraiti, E. Sperelaki, I. Gounaki, A. Katsoni, **D. Venieri**. Oral presentation: “Municipal wastewater treatment: assessment of ecotoxicity and dispersion of bacterial antibiotic resistance”. 10<sup>th</sup> Conference of Mikrobiokosmos, Larissa, Greece, 30 November - 2 December 2023.

93. D.P. Ntentakis, A.M. Ntentaki, E. Delavogia, P. Seridou, N. Sfakianos, V. Correa, P. Katafygiotis, **D. Venieri**, N. Arkadopoulos, N. Kalogerakis. Oral presentation: “Applying Oxygen Nanobubble Biotechnology to Enhance Physiologic Wound Healing In Vivo”. American College of Surgeons – Clinical Congress 2024, San Francisco, CA, USA, 19-22 October 2024.

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## Workshops

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1. Invited speaker in Wastewater and Biosolids Management Summer School, organized by Hellenic Open University in Patras, 11-23 July 2022. “Photocatalytic applications for disinfection purposes”.
2. Invited speaker in **InnovEOX consortium meeting and training school** - University of Patras, Patras, Greece, 3-5 October 2022. “Trends and perspectives in advanced water disinfection”.
3. Invited speaker in **AdvPhotoCat-E 2017: Advances in photocatalysis** – 2<sup>nd</sup> International Workshop, 14-16 July, 2017, Technological Educational Institute (TEI) of Crete, Heraklion, Greece. “Disinfection of wastewater by solar photocatalysis”.
4. Participation in the 2<sup>nd</sup> **SoilCritZone** Workshop, 5-9 April 2008, Sofia, Bulgaria. “Soil sustainability in Europe as deduced from investigation of the Critical Zone”.
5. Invited speaker in the 4<sup>th</sup> Workshop of Microbiological NRLs, 15-17 March 2005, Ifremer, Nantes, France. “Hybridization of F<sup>+</sup> RNA Coliphages detected in shellfish samples with Oligonucleotide Probes”.
3. Training in the Institute **CEFAS – The centre for Environment, Fisheries & Aquaculture Science, Weymouth, U.K.** (*European Community Reference Laboratory for monitoring bacteriological and viral contamination of bivalve molluscs*). Probe hybridization of total and potentially pathogenic *Vibrio parahaemolyticus* in bivalve molluscs. October 2004.
4. Training in the Institute **CEFAS – The centre for Environment, Fisheries & Aquaculture Science, Weymouth, U.K.** (*European Community Reference Laboratory for monitoring bacteriological and viral contamination of bivalve molluscs*). Enumeration of male specific F<sup>+</sup> RNA – FRNA bacteriophages in bivalve molluscun shellfish. October 2003.

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## Greek Seminars

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1. **Organization of a seminar** as a member of the Board of Directors of the Hellenic Scientific Society MIKROBIOKOSMOS entitled “How to write a scientific paper: From writing to publishing”. January 2020 & April 2022, School of Chemical and Environmental Engineering, Technical University of Crete.
2. Participation in the two-day conference: “Dissemination & Exploitation of Research and Technological Knowledge of PENED 2001 University of Patras projects”, 13-14/6/2005, Conference & Cultural Center of the University of Patras. “Development of molecular methods for the detection and typing of viruses and the source tracking of *E. coli* in wastewater”.
3. Conference of the Society for the Study of Microbiological Quality of Water: “Bottled Water and Public Health”. May 13, 2004, Athens, National Hellenic Research Foundation. “Results of microbiological testing of bottled water during the period 1995-2003 at the Hygiene Laboratory of the University of Patras”.
4. **Trainer** in a practical seminar addressed to employees of water bottling companies and municipal water supply companies on: “**Basic microbiological parameters in the control of drinking water**” 9-11/10/2003. Organization: Society for the study of microbiological quality of water at the Laboratory of Hygiene, Medical Department, University of Patras.

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**Statistics at a Glance**


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<b>Teaching – Research Work</b>		<b>Number of Courses – Dissertations – Committees/Number of Universities</b>
1a	Undergraduate Teaching	9/2
1b	Postgraduate Teaching	7/2
1c	Supervision of PhD Dissertations	1/1
1d	Supervision of MSc Dissertations	44/2
1e	Supervision of Diploma Theses	50/1
1f	Member of the three-member Advisory Committee of Doctoral Dissertations	15/3
1g	Member of the Examination Committee of Doctoral Dissertations	23/5
1h	Member of the MSc Thesis Examination Committee	55/2
1i	Member of the Examination Committee for Diploma Theses	130/1
<b>Scientific Publications</b>		<b>No</b>
2a	Publications in peer-reviewed journals	69
2b	Average Impact Factor	6.624
2c	Conference peer-reviewed Proceedings	107
2d	Book Chapters	4
<b>Research Projects</b>		<b>No</b>
3a	Scientific Coordinator	7
3b	Research Associate / Researcher	19
<b>Reviewer</b>		<b>Number of Journals/Number of Papers</b>
4a	International Journals	75/303
4b	International Conferences	6/50
<b>Recognition of Research Work</b>		<b>No</b>
<b>Google Scholar</b> - <a href="https://scholar.google.gr/citations?user=yc7jpp4AAAAJ&amp;hl=el">https://scholar.google.gr/citations?user=yc7jpp4AAAAJ&amp;hl=el</a>		
5a	Citations of Papers in Journals	>4100
5b	h- index	32
<b>Scopus</b> - <a href="https://www.scopus.com/cto2/main.uri?ctoId=CTODS_1596953135&amp;authors=54907785200&amp;origin=AuthorNamesList">https://www.scopus.com/cto2/main.uri?ctoId=CTODS_1596953135&amp;authors=54907785200&amp;origin=AuthorNamesList</a>		
5c	Citations of Papers in Journals (excluding self citations)	>3000
5d	h- index	29