

ELENI SAZAKLI

Assistant Professor

Lab of Public Health, Epidemiology & Quality of Life

Department of Medicine

University of Patras

CURRICULUM VITAE

January 2026

Short Curriculum Vitae of SAZAKLI ELENI

Assistant Professor, Laboratory of Public Health, Epidemiology & Quality of Life, Department of Medicine, University of Patras

Chemist, M.Sc. "Environmental Analysis", Ph.D. "Hygiene", Post-doc "Environmental Epidemiology"

Current Professional Appointments:

- 12/2025- i) Appointment to the rank of **Assistant Professor** (tenure-track) at the Laboratory of Public Health, Epidemiology & Quality of Life, Department of Medicine, University of Patras, with scientific field "***Hygiene – Environmental Hygiene***"
- 2023-2026 ii) Member of **Adjunct Teaching Staff** in the M.Sc. Program "*Epidemiology*", School of Science and Technology, Hellenic Open University (HOU)

Previous Professional Appointments:

- 5 -12/2025 i) Appointment as an officer of the General Chemical State Laboratory, Independent Authority for Public Revenue (IAPR)
- 2023- 4/2025 ii) **Adjunct Lecturer**, Laboratory of Public Health, Department of Medicine, University of Patras, with teaching, research, and laboratory responsibilities in the field of "***Hygiene – Environmental Hygiene***"
- 2015-2023 iii) **Academic Fellow**, Department of Medicine, School of Health Sciences, University of Patras, with research and teaching activities in the field of "***Hygiene – Environmental Epidemiology and Toxicology***"
- 2014-2023 iv) Member of **Adjunct Teaching Staff** in the M.Sc. Program "*Waste Management*", School of Science and Technology, **Hellenic Open University (HOU)**

Education and Academic Qualifications

- 1991-1996 B.Sc. in **Chemistry**, University of Patras, Greece
- 1997-2005 **Ph.D.**, Laboratory of Public Health, Department of Medicine, University of Patras, Greece. Thesis title: *“Identification of Pseudomonas spp. isolates from aquatic environments using biochemical, electrophoretic, and molecular techniques”*
- 2008–2011 **M.Sc.** in **Environmental Analysis**, Department of Chemistry, University of Patras, Greece
- 2012-2013 **Postdoctoral** training in **Environmental Epidemiology**, Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain.

Continuing Education

- 2009 SETAC Short Course Program 2009: **“Modelling comparative risk of toxics on humans and ecosystems”**
- 2012-2013 Course in **Biostatistics and Epidemiology** “PH207x: Health in Numbers: Quantitative Methods in Clinical & Public Health Research”, HarvardX, Degree 97%.
- 2012-2013 **Course:** “Epidemiological Methods”, **Program:** Interuniversity Master’s Degree in *Public Health* by Pompeu Fabra University (UPF) and Autonomous University of Barcelona (UAB), Barcelona, Spain.
- 2013 26th Residential Summer Course **“European Educational Programme in Epidemiology”** Florence, Italy
- 2013 **“Our Energetic Earth - OEE101x”**, University of TorontoX. Degree 85%.
- 2013 **“CTB3365x Introduction to Water Treatment”**, Delft University of Technology. Degree 90%.
- 2013 **“Writing in the Sciences”**, Stanford University. Degree 92%.
- 2014 **“CHEM181x: Food for Thought”**, McGillX. Degree 88%.
- 2014 **“PHLX101-01: Introduction to Bioethics”**, GeorgetownX. Degree 91%.
- 2014 **ICEH2014 Workshop:** “Air quality and human exposure assessment: how to evaluate the exposure to air pollutants?”
- 2013-2016 **“MCB80x: Fundamentals of Neuroscience”**, HarvardX. Degree (part I): 72%. Degree (part II): 78%. Degree (part III): 96%.
- 2015 Interinstitutional Lifelong Learning Program – PEGA. Title: **“21st-Century Diagnostic and Therapeutic Approaches in Analytical, Forensic, and Environmental Toxicology”**

- 2021 Summer School in Mathematical Biology “**Mathematical Modeling of Infectious and Non-Infectious Diseases**”
- 2022 “**International Spring School on Global Health**”: M1: *Implementation Science on Public Health: bridging the gap between research and “real world” implementation*, M4: *Circadian disruption, night shift work, artificial light at night and human health effects*.
- 2000-2021 Attendance of 9 additional professional development **seminars**

TEACHING EXPERIENCE

I have over 10 years of teaching experience in courses related to **Hygiene – Environmental Hygiene**.

Undergraduate teaching

- 2015-2025 Assistant teaching of two courses: «**Hygiene**», «**Health Promotion – Disease prevention – Community Medicine**», Department of Medicine, University of Patras (*appointed according to P.D. 407/80 for 2016–2020; served as Academic Fellow during the remaining years*).
- 2007-2008 Independent teaching of three courses: **Cereal Technology, Fruit and Vegetable Technology, Waste Management in Agricultural Industries**, Department of Agricultural Development, Democritus University of Thrace (*appointed according to P.D. 407/80*).
- 2014-2024 Assistant support in student laboratories, Department of Medicine, University of Patras
- 2009-2010 Assistant support in student laboratories, Department of Chemistry, University of Patras

Postgraduate teaching

- 2023-2026 Independent teaching in **EPI63 Environmental Epidemiology**, M.Sc. Program in *Epidemiology*, Hellenic Open University (HOU).
- Co-coordination and co-teaching of four courses: **Environmental Epidemiology & Toxicology, Advanced Topics in Environmental Epidemiology & Toxicology, Statistical Software Packages in Epidemiology**, M.Sc. in *Public Health*; and **Biostatistics–Bioinformatics**, Interdepartmental M.Sc. in *Personalized Medicine*, Department of Medicine, University of Patras.
- Co-teaching of **New Technologies in Public Health**, M.Sc. in *Public Health*, Department of Medicine, University of Patras
- 2022-2024 Co-coordination and co-teaching of: **Introduction to Environmental Hygiene**, M.Sc. in *Public Health*, Department of Medicine, University of

Patras.

Co-teaching of **Introduction to One Health**, M.Sc. in Public Health, Department of Medicine, University of Patras.

2021-2024 Invited lecturer in **Special Topics in Food Science and Technology**, M.Sc. *Sustainable Production Systems and Environment in Agriculture*, Department of Agricultural Development, Democritus University of Thrace.

2022-2023 Co-teaching of **Biostatistics – Bioinformatics**, Interdepartmental M.Sc. in *Personalized Medicine*, Department of Medicine, University of Patras.

2015-2023 **Co-coordination** and co-teaching of **Environmental Chemistry & Toxicology**, M.Sc. in *Public Health*, Department of Medicine, University of Patras.

Co-teaching of **New Technologies in Environmental Hygiene**, M.Sc. in *Public Health*, Department of Medicine, University of Patras

2015-2022 Co-teaching of **Introduction to Environmental Hygiene**, M.Sc. in *Public Health*, Department of Medicine, University of Patras.

2017-2020 Independent teaching of **Natural Environment and Pollution**, M.Sc. in *Waste Management*, Hellenic Open University.

Supervision of Postgraduate Theses

2014-2026 Supervision of 34 postgraduate theses.

Member of the examination committee for 36 postgraduate theses

Invited Lectures and Professional Training

2000-2024 Invited lecturer in 6 professional development seminars on **Hygiene – Environmental Hygiene** and speaker at 11 workshops/conferences.

RESEARCH ACTIVITY

My research focuses on the **assessment of environmental health**—the branch of public health concerned with monitoring or mitigating environmental factors that affect human health—and on **evaluating the risk to population health from exposure** to pollutants and infectious agents.

Since 2003, I have served as principal investigator or team member in numerous research projects concerning the assessment of human exposure to environmental pollutants and infectious agents, either through environmental measurements or modeling or through the determination of biomarkers of exposure, and the assessment of human health risks from exposure to hazardous toxic and/or carcinogenic substances (Health Risk Assessment). Representative examples include:

- **Cross-sectional epidemiological study** in the Asopos region, Voiotia: This study involved determining metal concentrations in environmental samples (water, soil, food), biomarkers of exposure (metals in whole blood and hair), and biomarkers of effect (hematological and biochemical blood parameters, cytokines, neurological assessments) in populations chronically exposed to hexavalent chromium via drinking water. This study resulted in 3 publications in peer-reviewed journals, 1 proceeding paper, presentations at 3 international conferences and 2 Greek conferences, and the organization of a public awareness workshop.
- **Health risk assessment** for populations long exposed to airborne toxic and/or carcinogenic pollutants released by an animal rendering plant, through the measurement of gaseous pollutants and administration of questionnaires to local residents during operation and after the plant's closure. This study led to 2 publications in peer-reviewed journals, 1 proceeding paper, and a presentation at 1 international conference.
- **Development of a predictive model** for SARS-CoV-2 viral load in the city of Patras through wastewater epidemiology

Currently, I am developing new methodology for detecting volatile organic compounds in human exhaled breath samples to differentiate patients with lung cancer from healthy individuals, through *Thermal Desorption–Two-Dimensional Gas Chromatography– Detector (FID) & Time-of-Flight Mass Spectrometry (GCxGC-TOF-MS)*.

Throughout my long-term participation in research projects, I have developed and applied both classical and advanced analytical methodologies for determining chemical substances and infectious agents in environmental and biological samples. I have gained expertise in Environmental Risk Assessment, with particular emphasis on Human Health Risk Assessment. Since 2009, I have been an accredited analyst and, since 2016, Deputy Technical Manager in the Quality System maintained by the

Laboratory of Public Health (ISO 17025). Consequently, I specialize in developing and implementing quality assurance methods. I have applied statistical methods to estimate results, using SPSS and Stata, and to evaluate findings. I have authored more than 20 final reports on environmental quality assessment and potential health impacts within projects assigned by the University of Patras.

I have contributed to studies assessing the pollution status of water, soil, and marine environmental compartments, as well as health reports evaluating indications and contraindications of natural thermal waters in Greece.

My research activity can be summarized as follows:

- 2012-2014 Postdoctoral research funding through the competitive program "**Support for Postdoctoral Researchers.**" Project title: **Hexavalent Chromium in Drinking Water: Implications for Human Health.** Co-funded by the European Social Fund (ESF) and national resources under the Operational Program Education and Lifelong Learning (NSRF 2007–2013).
- 2016 Participation as a postdoctoral researcher in the competitive funded project **Thales – University of the Aegean: Integrating Sustainability into Participatory Decision-Making.** Co-funded by the European Social Fund (ESF) and national resources under the Operational Program Education and Lifelong Learning (NSRF 2007–2013).
- 2003 – 2025 Principal Investigator in **14 research projects** at the Lab of Public Health, University of Patras (contracted assignments).
- 2003-2025 Team member in 19 research projects at the Lab of Public Health, University of Patras.
- 1998-2002 Research scholarship as a PhD candidate in **7 research projects** at the Lab of Public Health, University of Patras.

SCIENTIFIC PUBLICATIONS

1. Peer-Reviewed Journal Publications

- 1.40 Anastopoulou Z, **Sazakli E**, Bouzoukas C, Kostakis M, Leotsinidis M, Thomaidis N, Vantarakis A. Tracking Pharmaceuticals and Illicit Drugs in Urban Wastewater: Drug Consumption Trends in Patras, Greece. *International Journal of Environmental Research* 2026; 20,80. <https://doi.org/10.1007/s41742-025-01027-8>
- 1.39 **Sazakli E**, Karapanou O, Sykiotis GP, Saltiki K, Michalaki M. Nationwide web survey on implementing the 2023 ETA guidelines for second-line management thyroid nodules with atypia of undetermined significance. *Hormones* 2025; <https://doi.org/10.1007/s42000-025-00698-4>
(*IF*)₂₀₂₄: 2,5 - Citations: Scopus 1, Web of Science 1, Google Scholar 1)
- 1.38 Symeonidis A, Diamantopoulos P, Galanopoulos A, Kourakli A, **Sazakli E**, ... and Pappa V, for the Hellenic [Greek] Myelodysplastic Syndromes Study Group. Lenalidomide efficacy in patients with MDS and Del-5q: Real-world data from the Hellenic (Greek) National Myelodysplastic & Hypoplastic Syndromes Registry (EAKMYS). *Cancers* 2025; 17(9):1388. <https://doi.org/10.3390/cancers17091388>
(*IF*)₂₀₂₃: 4,5 - Citations: Scopus 1, Web of Science 1, Google Scholar 1)
- 1.37 Effraimidis G, **Sazakli E**, Karapanou O, Saltiki K, & Michalaki M. Active surveillance for low-risk papillary thyroid microcarcinoma: a web-survey on clinician readiness for change. *European Thyroid Journal* 2025; 14(2), e250013. <https://doi.org/10.1530/ETJ-25-0013>
(*IF*)₂₀₂₂: 4,7- Citations: Scopus 2, Web of Science 1, Google Scholar 2)
- 1.36 Katsifara A, Tsirogiannis G, **Sazakli E**, Jelastopulu E, Leotsinidis M. Overall effects of topsoil elements on cancer mortality in rural Greece: A modeling approach. *Chemosphere* 2025; 370:144018. <https://doi.org/10.1016/j.chemosphere.2024.144018>
(*IF*)₂₀₂₃: 8,8)
- 1.35 Trakas E, Leotsinidis M, **Sazakli E***. Assessment of the pollution in an enclosed gulf in Greece before and after the operation of WWTPs. An integrated approach. *Euro-Mediterranean Journal for Environmental Integration* 2024; 9, 1799–1814. <https://doi.org/10.1007/s41207-024-00605-0>.
(Impact factor (*IF*)₂₀₂₂: 2,0 - Citations: Scopus 1, Web of Science 1, Google Scholar 1)
- 1.34 **Sazakli E**. Human Health Effects of Oral Exposure to Chromium: A Systematic Review of the epidemiological evidence. *International Journal of Environmental Research and Public Health*. 2024; 21(4):406.

- <https://doi.org/10.3390/ijerph21040406>
(IF₂₀₂₂: 4,614 - Citations: Scopus 18, Web of Science 16, Google Scholar 36)
- 1.33 Papachristopoulos I, **Sazakli E.** & Leotsinidis M. General practitioners' views towards management of common mental health disorders: The critical role of continuing medical education. *BMC Primary Care* 2023; 24, 63. <https://doi.org/10.1186/s12875-023-02017-5>
(IF₂₀₂₂: 3,3 - Citations: Scopus 7, Web of Science 7, Google Scholar 19)
- 1.32 **Sazakli E,** Fidaki A, Leotsinidis M. VOCs in ambient air and community odour assessment before and after the closure of an animal rendering plant. *Environmental Processes* 2022; 9, 35. <https://doi.org/10.1007/s40710-022-00579-7>
(IF₂₀₂₂: 4,40 - Citations: Scopus 5, Web of Science 5, Google Scholar 5)
- 1.31 Plota M, **Sazakli E,** Giormezis N, Gkartziou F, Kolonitsiou F, Leotsinidis M, Antimisiaris SG, Spiliopoulou I. *In Vitro* Anti-Biofilm Activity of Bacteriophage K (ATCC 19685-B1) and Daptomycin against Staphylococci. *Microorganisms*. 2021; 9(9):1853. <https://doi.org/10.3390/microorganisms9091853>
(IF₂₀₂₂: 4,50- Citations: Scopus 17, Web of Science 17, Google Scholar 19)
- 1.30 **Sazakli E,** Leotsinidis M, Bakola M, Kitsou KS, Katsifara A, Konstantopoulou A, Jelastopulu E. Prevalence and associated factors of anxiety and depression in students at a Greek university during COVID-19 lockdown. *Journal of Public Health Research* 2021; 10(3). <https://doi.org/10.4081/jphr.2021.2089>
(IF₂₀₂₂: 2,30 - Citations: Scopus 19, Web of Science 16, Google Scholar 41)
- 1.29 **Sazakli E.** and Leotsinidis M. Odor nuisance and health risk assessment of VOCs emissions from a rendering plant. *Air Quality, Atmosphere & Health* 2021; 14: 301-312. <https://doi.org/10.1007/s11869-020-00935-2>
(IF₂₀₂₂: 5,10 - Citations: Scopus 32, Web of Science 31, Google Scholar 42)
- 1.28 Kolokotsa A., Leotsinidis M., Kalavrouziotis I. and **Sazakli E***. Effects of tourist flows on antibiotic resistance in wastewater of a Greek island. *Journal of Applied Microbiology* 2021; 130(2):516-527. <https://doi.org/10.1111/jam.14808>
(IF₂₀₂₂: 4,00 - Citations: Scopus 9, Web of Science 11, Google Scholar 11)
- 1.27 Kournoutou GG, Giannopoulou PC, **Sazakli E,** Leotsinidis M, Kalpaxis DL, Dinos GP. Oxidative damage of mussels living in seawater enriched with trace metals, from the viewpoint of proteins expression and modification. *Toxics*, 2020; 8(4), 89. <https://doi.org/10.3390/toxics8040089>
(IF₂₀₂₂: 4,60- Citations: Scopus 14, Web of Science 13, Google Scholar 15).
- 1.26 Giannopoulou PC, Missiri DA, Kournoutou GG, **Sazakli E,** Papadopoulos GE, Papaioannou D, Dinos GP, Athanassopoulos CM, and Kalpaxis DL. New Chloramphenicol Derivatives from the Viewpoint of Anticancer and

- Antimicrobial Activity. *Antibiotics* 2019; 8(1): 9.
<https://doi.org/10.3390/antibiotics8010009>
 (IF₂₀₂₂: 4,80 - Citations: Scopus 14, Web of Science 14, Google Scholar 19).
- 1.25 Birmpa A, Constantinou P, Dedes C, Bellou M, **Sazakli E**, Leotsinidis M, Vantarakis A. Antibacterial and antiviral effect of essential oils combined with non-thermal disinfection technologies for ready-to-eat Romaine lettuce. *Journal of Nutrition, Food Research and Technology* 2018; 1(1): 24–32.
<https://doi.org/10.30881/jnfrt.00007>
 (Citations: Google Scholar 9).
- 1.24 Dede P, **Sazakli E.** and Leotsinidis M. Dredges' management: Comparison of regulatory frameworks, legal gaps and recommendations. *Global NEST Journal* 2018; 20(1): 88-95. <https://doi.org/10.30955/gnj.002358>
 (IF₂₀₂₂: 1,10 - Citations: Scopus 8, Web of Science 7, Google Scholar 10).
- 1.23 Kournoutou GG, Giannopoulou PC, **Sazakli E**, Leotsinidis M, Kalpaxis DL. Oxidative damage of 18S and 5S ribosomal RNA in digestive gland of mussels exposed to trace metals. *Aquatic Toxicology* 2017; 192: 136-147.
<https://doi.org/10.1016/j.aquatox.2017.09.007>
 (IF₂₀₂₂: 4,50 - Citations: Scopus 15, Web of Science 16, Google Scholar 17)
- 1.22 **Sazakli E.** and Leotsinidis M. Hair biomonitoring and health status of a general population exposed to Nickel. *Journal of Trace Elements in Medicine and Biology* 2017; 143: 161-168 <https://doi.org/10.1016/j.jtemb.2017.02.001>
 (IF₂₀₂₂: 3,50 - Citations: Scopus 14, Web of Science 16, Google Scholar 26)
- 1.21 **Sazakli E**, Panagopoulou E, Leotsinidis M, Kalavrouziotis IK, Varnavas SP. An investigation of the biogeochemical properties of the plant species *Origanum majorana* in relation to its soil characteristics. *Water, Air, & Soil Pollution* 2016; 227(5):152. <https://doi.org/10.1007/s11270-016-2847-6>
 (IF₂₀₂₂: 2,90 - Citations: Scopus 1, Web of Science 1, Google Scholar 1)
- 1.20 **Sazakli E**, Siavalas G, Fidaki A, Christanis K, Karapanagioti HK. & Leotsinidis M. Concentrations of persistent organic pollutants and organic matter characteristics as river sediment quality indices. *Toxicological & Environmental Chemistry* 2016; 98(7):787-799.
<https://doi.org/10.1080/02772248.2015.1124880>.
 (IF₂₀₂₂: 1,80 - Citations: Scopus 8, Web of Science 9, Google Scholar 18)
- 1.19 **Sazakli E**, Sazaklie E. and Leotsinidis M. Rainwater harvesting: from ancient Greeks to modern times. The case of Kefalonia island. *International Journal of Global Environmental Issues* 2015; 14(3/4):286-295.
<https://doi.org/10.1504/IJGENVI.2015.071867>
 (IF₂₀₂₂: 0,15 - Citations: Scopus 2, Google Scholar 3)
- 1.18 **Sazakli E**, Zouvelou VS, Kalavrouziotis I. and Leotsinidis M. Arsenic and

- antimony removal from drinking water by adsorption on Granular Ferric Oxide. *Water Science and Technology* 2015; 71(4): 622-629. <https://doi.org/10.2166/wst.2014.460>
(*IF*₂₀₂₂: 2,70 - Citations: Scopus 29, Web of Science 24, Google Scholar 32)
- 1.17 **Sazakli E**, Villanueva CM, Kogevinas M, Maltezis K, Mouzaki A. and Leotsinidis M. Chromium in Drinking Water: Association with Biomarkers of Exposure and Effect. *International Journal of Environmental Research and Public Health* 2014; 11(10): 10125-10145. <https://doi.org/10.3390/ijerph111010125>
(*IF*₂₀₂₂: 4,614 - Citations: Scopus 39, Web of Science 38, Google Scholar 54)
- 1.16 Galanopoulos C, **Sazakli E**, Leotsinidis M, Lyberatos G. Dynamic model extension for the design of full-scale artificial free superficial flow wetland systems. *Journal of Environmental Chemical Engineering* 2014; 2(4): 2129–2135. <https://doi.org/10.1016/j.jece.2014.08.026>
(*IF*₂₀₂₂: 7,70 - Citations: Scopus 5, Google Scholar 9)
- 1.15 Galanopoulos C, **Sazakli E**, Leotsinidis M, Lyberatos G. A pilot-scale study for modeling a free water surface constructed wetlands wastewater treatment system. *Journal of Environmental Chemical Engineering* 2013; 1(4): 642–651. <https://doi.org/10.1016/j.jece.2013.09.006>
(*IF*₂₀₂₂: 7,70 - Citations: Scopus 19, Google Scholar 37)
- 1.14 Tsiboukis D, **Sazakli E**, Jelastopulu E. and Leotsinidis M. Anthelmintics residues in raw milk. Assessing intake by a children population. *Polish Journal of Veterinary Sciences* 2013; 16(1): 85-91. <https://doi.org/10.2478/pjvs-2013-0012>
(*IF*₂₀₂₂: 0,80 - Citations: Scopus 29, Web of Science 28, Google Scholar 57)
- 1.13 Demos K, **Sazakli E**, Jelastopulu E, Charokopos N, Ellul J, Leotsinidis M. Does Farming Have an Effect on Health Status? A Comparison Study in West Greece. *International Journal of Environmental Research and Public Health*. 2013; 10(3): 776-792. <https://doi.org/10.3390/ijerph10030776>
(*IF*₂₀₂₂: 4,614 - Citations: Scopus 28, Web of Science 30, Google Scholar 53)
- 1.12 Ntzala G, Koukoulakis PH, Papadopoulos AH, Leotsinidis M, **Sazakli E**, Kalavrouziotis IK. Interrelationships of pollution load index, transfer factor, and concentration factor under the effect of sludge. *Environmental Monitoring and Assessment* 2013; 185(6): 5231-5242. <https://doi.org/10.1007/s10661-012-2939-8>
(*IF*₂₀₂₂: 3,00 - Citations: Scopus 10, Web of Science 10, Google Scholar 11)
- 1.11 Pytharopoulou S, Grintzalis K, **Sazakli E**, Leotsinidis M, Georgiou CD. and Kalpaxis DL. Translational responses and oxidative stress of mussels experimentally exposed to Hg, Cu and Cd: One pattern does not fit at all. *Aquatic Toxicology* 2011; 105 (1-2): 157-165.

- <https://doi.org/10.1016/j.aquatox.2011.06.007>
(IF₂₀₂₂: 4,50 - Citations: Scopus 55, Web of Science 56, Google Scholar 69)
- 1.10 Glavas SD, **Szakli E**. Ozone long-range transport in the Balkans. *Atmospheric Environment* 2011; 45(8): 1615-1626.
<https://doi.org/10.1016/j.atmosenv.2010.11.030>
(IF₂₀₂₂: 5,00 - Citations: Scopus 5, Web of Science 7, Google Scholar 8).
- 1.9 Kalavrouziotis I, Kostakioti E, Koukoulakis PH, Papadopoulos AH, Leotsinidis M, **Szakli E**. The Impact of Cl × Cd Interrelationship on Planning Wastewater Reuse in Cabbage. *Water, Air and Soil Pollution* 2011; 214(1-4): 565 - 573.
<https://doi.org/10.1007/s11270-010-0446-5>
(IF₂₀₂₂: 2,90 - Citations: Scopus 15, Web of Science 15, Google Scholar 25).
- 1.8 Tsiboukis D, **Szakli E**, Gortzi O, Hadjichristodoulou C, Matara C, Leotsinidis M. Assessing quality of raw milk in Southern Greece in the aspect of certain benzimidazole residues. *Food Additives and Contaminants: Part B Surveillance* 2010; 3(2):73-79. <https://doi.org/10.1080/19440049.2010.487877>
(IF₂₀₂₂: 2,90 - Citations: Scopus 3, Web of Science 3, Google Scholar 8).
- 1.7 Pytharopoulou S, **Szakli E**, Grintzalis K, Georgiou CD, Leotsinidis M, Kalpaxis DL. Translational responses of *Mytilus galloprovincialis* to environmental pollution: Integrating the responses to oxidative stress and other biomarker responses into a general stress index. *Aquatic Toxicology* 2008; 89(1): 18-27.
<https://doi.org/10.1016/j.aquatox.2008.05.013>
(IF₂₀₂₂: 4,50 - Citations: Scopus 77, Web of Science 851, Google Scholar 101).
- 1.6 Leotsinidis M, **Szakli E**. Evaluating contamination of dredges and disposal criteria in Greek coastal areas. *Chemosphere* 2008; 72(5): 811-818.
<https://doi.org/10.1016/j.chemosphere.2008.02.049>
(IF₂₀₂₂: 8,80 - Citations: Scopus 29, Web of Science 30, Google Scholar 40).
- 1.5 **Szakli E**, Alexopoulos A. and Leotsinidis M. Rainwater harvesting, quality assessment and utilization in Kefalonia Island, Greece. *Water Research* 2007; 41(9): 2039-2047. <https://doi.org/10.1016/j.watres.2007.01.037>
(IF₂₀₂₂: 12,80 - Citations: Scopus 252, Web of Science 266, Google Scholar 481).
- 1.4 Pytharopoulou S, Kouvela EC, **Szakli E**, Leotsinidis M, Kalpaxis DL. Evaluation of the global protein synthesis in *Mytilus galloprovincialis* in marine pollution monitoring: Seasonal variability and correlations with other biomarkers. *Aquatic Toxicology* 2006; 80(1): 33-41.
<https://doi.org/10.1016/j.aquatox.2006.07.010>
(IF₂₀₂₂: 4,50 - Citations: Scopus 36, Web of Science 30, Google Scholar 51).
- 1.3 Grammenou P, Spiliopoulou I, **Szakli E**. and Papapetropoulou M. PFGE analysis of *Enterococci* isolates from recreational and drinking water in Greece. *Journal of Water and Health* 2006; 4(2):263-269.

<https://doi.org/10.2166/wh.2006.0022>

(IF₂₀₂₂: 2,30 - Citations: Scopus 11, Web of Science 12, Google Scholar 21).

- 1.2 **Sazakli E***, Leotsinidis M, Vantarakis A. and Papapetropoulou M. Comparative typing of *Pseudomonas* species isolated from the aquatic environment in Greece by SDS-PAGE and RAPD analysis. *Journal of Applied Microbiology* 2005; 99(5): 1191-1203. <https://doi.org/10.1111/j.1365-2672.2005.02691.x>
(IF₂₀₂₂: 4,00 - Citations: Scopus 23, Web of Science 20, Google Scholar 36).
- 1.1 Vynios DH, Papageorgakopoulou N, **Sazakli H**, Tsiganos CP. The interactions of cartilage proteoglycans with collagens are determined by their structures. *Biochimie* 2001; 83(9): 899-906. [https://doi.org/10.1016/S0300-9084\(01\)01332-3](https://doi.org/10.1016/S0300-9084(01)01332-3)
(IF₂₀₂₂: 3,90 - Citations: Scopus 37, Web of Science 40, Google Scholar 62).

2. International Proceeding Papers

- 2.12 Trakas E, Leotsinidis M, **Sazakli E**. A 13-year monitoring of pollution status in the sediments, water and living organisms of the Patraikos Gulf, Greece. Accepted for publication in the 5th EMCEI 2023 proceedings
- 2.11 **Sazakli E**, Fidaki A. and Leotsinidis M. Air Quality and Health Risk Assessment of Odorous Gaseous Emissions from a Rendering Plant. In *PREXV e-Proceedings of the International Conference "Protection and Restoration of the Environment XV"*; 2020 pp. 189-197 (paper 22)
- 2.10 **Sazakli E**, Sazaklie E, Leotsinidis M. and Varnavas SP. Hydrotherapy: An ancient art, legacy of Hippocrates, the father of medicine. In: *Proceedings of the 4th IWA International Symposium on Water and Wastewater Technologies in Ancient Civilizations*; 2016 Sep 17-19; Coimbra, Portugal (paper ID22)
- 2.9 Kalatzi E, **Sazakli E**, Karapanagioti HK. and Leotsinidis M. Composting of brewery sludge mixed with different bulking agents. In: *Proceedings of the 4th International Conference on Sustainable Solid Waste Management*; 2016 Jun 23-25; Limassol, Cyprus.
- 2.8 **Sazakli E**, Siavalas G, Fidaki A, Christanis K, Leotsinidis M. and Karapanagioti HK. PAHs in a proclaimed waste industrial receiver (Asopos River). In: *Proceedings of the 4th International Symposium on Sediment Management (I2SM)*; 2014 Sep 17-19; Ferrara, Italy (ID 196).
- 2.7 Ntzola V, **Sazakli E**, Sklivaniotis M, Zannis P and Leotsinidis M. The effect of wastewater treatment plants on the evolution of pollution level in Patras Gulf, Greece. In: *Proceedings of the 4th International Symposium on Sediment Management*; 2014 Sep 17-1; Ferrara, Italy; pp. 161-168. (ID 70).
- 2.6 **Sazakli E**, Sazaklie E and Leotsinidis M. Rainwater exploitation: from ancient Greeks to modern times. In: *Proceedings of the IWA Regional Symposium on*

Water, Wastewater, and Environment: Traditions and Culture; 2014 Mar 22-25; Patras, Greece; p. 653-661.

- 2.5 **Szakli E**, Villanueva CM. and Leotsinidis M. "Hexavalent Chromium in drinking water; Effects on human health": Design of an Epidemiological study. In: *Proceedings of the 13th International Conference on Environmental Science and Technology (CEST)*; 2013 Sep 5-7; Athens, Greece (CEST 2013_780).
- 2.4 Demos K, Charokopos N, Jelastopoulou E, Elloul I, **Szakli E**. and Leotsinidis M. Effects of long-term exposure to pesticides on depression and cognitive defects among agricultural workers in S.W. Greece. In: *Proceedings Book of the International Conference on Environmental Pollution and its Impact on Public Health*; 2008 Jul 16-19; Braşov, Romania. Published in: Supplement – Bulletin of Transylvania, University of Braşov Vol. 15 (50) pp.179-184.
- 2.3 Leotsinidis M, **Szakli E**, Tzavellas N and Alexopoulos A. Evaluating dredges from ports in Greece. In: *Proceedings Book of the International Conference on Environmental Management, Engineering, Planning and Economics*; 2007 Jun 24 – 28; Skiathos, Greece; pp. 2721-2726.
- 2.2 Alexopoulos A, Bezirtzoglou E, **Szakli E**, Tzavellas N and Leotsinidis M. Quality assessment of harvested rainwater in a Greek island. In: *Proceedings Book of International Conference on Sustainable Management and Development of Mountainous and Island Areas*; 2006 Sep 29 – Oct 1; Naxos, Greece; pp. 18-24.
- 2.1 **Szakli E**, Alexopoulos A. and Leotsinidis M. Toxic and basic trace elements in breast milk. Influence of nutritional habits and other parameters. In: *Proceedings Book of 5th International Symposium on trace elements in human: new perspectives*; 2005 Oct 13 – 15; Athens, Greece; pp. 114-125.

3. Greek Proceeding Papers

- 3.3 **Szakli E**, Zouvelou S, Kalavrouziotis I, & Leotsinidis M. (2012). Removal of Arsenic and Antimony from Drinking Water. In *Proceedings of the 2nd Joint Conference of the Hellenic Association of Hydraulic Engineering (HAHE) – Hellenic Committee for Water Resources Management (HCWRM): Integrated Water Resources Management for Sustainable Development*, October 11–13, 2012, Patras, Greece, pp. 466–475.
- 3.2 Ntzola V, **Szakli E**, Zannis P, Sklivaniotis M, & Leotsinidis M. (2012). Long-term Trends of Pollution in the Gulf of Patras. In *Proceedings of the 2nd Joint Conference of the Hellenic Association of Hydraulic Engineering (HAHE) – Hellenic Committee for Water Resources Management (HCWRM): Integrated Water Resources Management for Sustainable Development*, October 11–13, 2012, Patras, Greece, pp. 595–606.
- 3.1 Galanopoulos Ch, **Szakli E**, & Leotsinidis M. (2010). Investigation of Operational Conditions and Processes in a Free-Surface Flow Constructed

Wetland Unit. In *Proceedings of the 3rd International Conference on Small-Scale Water and Wastewater Treatment Facilities*, May 14–16, 2010, Skiathos, Greece, pp. 39–44.

4. A. Book Chapters.

- 4.2. **Szakli E.** and Leotsinidis M. (2019). Possible Effects of Microplastics on Human Health (Chapter 12). In H. Karapanagioti & I. Kalavrouziotis (Ed.), *Microplastics in Water and Wastewater*. IWA Publishing, London, UK.
- 4.1. Kalpaxis DL, Pytharopoulou S, Kouvela EC, **Szakli E.** and Leotsinidis M. Biomonitoring of Gulf of Patras (Greece) using caged mussels. In: UNEP/MAP/MED POL: Proceedings of the Workshop on the MED POL Biological Effects Programme: Achievements and Future Orientations (Alessandria, Italy, 20 - 21 December 2006). MAP Technical Report Series No. 166. UNEP/MAP: Athens, 2007.

B. Educational Material

- 4.3 I have authored 140 pages of lecture notes for the postgraduate students of the course EPI63 “**Environmental Epidemiology**” in the MSc Program “*EPI – Epidemiology*” at the Hellenic Open University (HOU).

C. Scientific Editing of English-Language Book Translations

- 4.5 I served as the scientific editor of the Greek translation for chapters 4, 5, and 14–23 of the 5th English edition of ***Epidemiology, Biostatistics, Preventive Medicine, and Public Health*** by James Jekel, published by Gotsis Publications (2023).
- 4.4 I served as the scientific editor of the Greek translation for chapters 19, 40 και 41 of the book “***Modern Epidemiology***” by Timothy I. Lash, Tyler J. VanderWeele, Sebastien Haneuse και Kenneth J. Rothman, published by Utopia Publications (2023).

5. Presentations at International Conferences

- 5.38 **Sazakli E**, Hardavella G, Leotsinidis M. (2025). A novel approach for detecting lung cancer using human breathprints *European Respiratory Society (ERS) Congress 2025*, 27 September - 1 October, Amsterdam, Netherlands. *European Respiratory Journal* 2025 66 (suppl 69): PA5307; <https://doi.org/10.1183/13993003.congress-2025.PA5307>
- 5.37 Hardavella G, Karampinis I, Potaris K, Skordia V, Dimitroulis I, **Sazakli E**, Leotsinidis M. (2025). Clinical significance of VOCs breath analysis via TD-GCxGC-TOF-MS for lung cancer detection. *European Respiratory Society (ERS) Congress 2025*, 27 September - 1 October, Amsterdam, Netherlands. *European Respiratory Journal* 2025 66 (suppl 69): PA5308; <https://doi.org/10.1183/13993003.congress-2025.PA5308>
- 5.36 Anastopoulou Z, **Sazakli E**, Leontsinidis M, Thomaidis NS. Tracking pharmaceuticals and illicit drugs in urban wastewater: drug consumption trends in Patras, *European Journal of Public Health*, Volume 35, Issue Supplement_4, October 2025, ckaf161.1325, <https://doi.org/10.1093/eurpub/ckaf161.1325>
- 5.35 Effraimidis G, **Sazakli E**, Karapanou O, Saltiki K, Michalaki M. (2025). Management Preferences for Low- and Low-to-Intermediate-Risk Papillary Thyroid Carcinoma Among Greek Endocrinologists: Insights from a Web-Based Survey. *ENDO 2025 (Endocrine Society Annual Meeting & Expo)*. July 12-15, 2025, San Francisco, CA. *Journal of the Endocrine Society*, Volume 9, Issue Supplement_1, October-November 2025, bvaf149.2251
- 5.34 Effraimidis G, **Sazakli E**, Karapanou O, Saltiki K, Michalaki M. (2025). Active Surveillance for Low-Risk Papillary Thyroid Microcarcinoma: A Web Survey Assessing Clinician Willingness to Adapt. *ENDO 2025 (Endocrine Society Annual Meeting & Expo)*. July 12-15, 2025, San Francisco, CA. *Journal of the Endocrine Society*, Volume 9, Issue Supplement_1, October-November 2025, bvaf149.2250.
- 5.33 Effraimidis G, Kasotas A, **Sazakli E**, Karapanou O, Saltiki K, Michalaki M. (2025). AI chatbots vs endocrinologists in clinical decision-making in thyroid nodule and papillary thyroid carcinoma management. *Joint Congress of the European Society for Paediatric Endocrinology (ESPE) and the European Society of Endocrinology (ESE) 2025*, 10-13 May 2025 Copenhagen, Denmark. (ID P1489). *Endocrine Abstracts* 110
- 5.32 Michalaki M, **Sazakli E**, Karapanou O, Effraimidis G, Saltiki K. (2025). Is postoperative radioactive iodine (RAI) ablation necessary for Low- and Low-to-Intermediate-Risk Papillary Thyroid Carcinomas? A Web survey among Greek Endocrinologists. *Joint Congress of the European Society for Paediatric Endocrinology (ESPE) and the European Society of Endocrinology (ESE) 2025*, 10-13 May 2025 Copenhagen, Denmark. (ID P1091). *Endocrine*

Abstracts 110

- 5.31 **Sazakli E**, Karapanou O, Effraimidis G, Sykiotis G, Saltiki K, Michalaki M. (2025). Nationwide Web-Survey on Implementing the 2023 ETA Guidelines for Thyroid Nodule Management. *Joint Congress of the European Society for Paediatric Endocrinology (ESPE) and the European Society of Endocrinology (ESE) 2025*, 10-13 May 2025 Copenhagen, Denmark. (ID P1205). Endocrine Abstracts 110
- 5.30 Trakas E, Leotsinidis M, **Sazakli E**. (2023). A 13-year monitoring of pollution status in the sediments, water and living organisms of the Patraikos Gulf, Greece. *5th Euro-Mediterranean Conference for Environmental Integration (EMCEI-23)*. Rende (Cosenza), Italy, 2-5- October 2023 (ID EMCEI-23-P655).
- 5.29 **Sazakli E**, Spyropoulou D, and Leotsinidis M. (2023). VOCs breath analysis via TD-GCxGC-TOF-MS for lung cancer detection. *12th International Symposium on Biological Monitoring in Occupational and Environmental Health, Next Generation Biomonitoring (ISBM12)*. Porto, Portugal, 21-23 June 2023 (ID 1181).
- 5.28 **Sazakli E**. and Leotsinidis M. (2022). Malodour and health risks in the surroundings of an animal rendering plant. *34th Annual Conference of the International Society for Environmental Epidemiology (ISEE 2022)*. Athens, 18-21 September 2022. Environmental Health Perspectives, ISEE Conference Abstracts 2022, Issue 1.
- 5.27 Katsifara A, **Sazakli E**, Jelastopulu E, Leotsinidis M. (2021). Natural radiation and high metal soil content are linked with higher cancer mortality rates, *European Journal of Public Health*, Volume 31, Issue Supplement_3, October 2021, pp. 421 <https://doi.org/10.1093/eurpub/ckab165.220>. *14th European Public Health Conference 2021 (virtual)*, 10-14 November 2021
- 5.26 Stathopoulou E. and **Sazakli E**. (2021). Quantitative Microbial Risk Assessment for Covid-19 infection from Wastewater. *6th distance education e-learning International Summer School and Workshop on "Wastewater and Biosolids Management" (WWSS21)*, 26-31 July 2021
- 5.25 Plota M, **Sazakli E**, Gkartziou F, Giormezis N, Leotsinidis M, Kolonitsiou F, Antimisiari S, Spiliopoulou I. (2021). *In vitro* anti-biofilm activity of bacteriophage K ATCC 19685-B1 and daptomycin against staphylococci (02264). *31st European Congress of Clinical Microbiology & Infectious Diseases (ECCMID) (virtual)*, 9-12 July 2021
- 5.24 **Sazakli E**, Leotsinidis M, Bakola M, Kitsou KS, Argyropoulos K, Konstantopoulou A, Katsifara A, Gourzis P, and Jelastopulu E. (2021). Anxiety and depression among students in a Greek university amidst COVID-19 pandemic (EPP0373). *29th European Congress of Psychiatry (virtual)*, 10-13 April 2021. *European Psychiatry* 64, pp. S282.
- 5.23 Kostopoulou S. and **Sazakli E**. (2019). "Potable Reuse": An Increasing

- Necessity. *25th distance education e-learning International Summer School and Workshop on "Wastewater and Biosolids Management" (WWSS19)*, Patras, Greece, 22-27 July 2019
- 5.22 A. Symeonidis, M. Melahrinou, **E. Sazakli**, A. Kourakli, E. Hatzimichael,, H. Giatra,, P. Zikos, A. Anagnostopoulos, T. Vassilakopoulos, Ek. Palla, et al, The Hellenic MDS study group/ Hellenic National MDS Registry (EAKMYS). (2019). Nodular lymphoid infiltrates, identified in bone marrow trephine biopsy is a frequent finding and may reflect disease activity in patients with the del (5)q syndrome. *15th international symposium in MDS*, Copenhagen, Denmark, 8-11 May 2019 (ID 131).
- 5.21 Katsifara A., **Sazakli E.**, Varnavas S., Leotsinidis M. (2018). Impact of the soil substrate on essential oil composition of *Origanum vulgare*. *30th International Symposium on the Chemistry of Natural Products – 10th International Congress on Biodiversity*, Athens, Greece, 25-29 November, 2018.
- 5.20 **Sazakli E**, Sazaklie E, Leotsinidis M. and Varnavas SP. (2016). Hydrotherapy: An ancient art, legacy of Hippocrates, the father of medicine. *4th IWA International Symposium on Water and Wastewater Technologies in Ancient Civilizations*, 17-19 September, Coimbra, Portugal.
- 5.19 Kalatzi E, **Sazakli E**, Karapanagioti HK. and Leotsinidis M. (2016). Composting of brewery sludge mixed with different bulking agents. *4th International Conference on Sustainable Solid Waste Management*, 23-25 June 2016, Limassol, Cyprus.
- 5.18 **Sazakli E.** and Leotsinidis M. (2016). Biomonitoring and health status of a general population exposed to metals (P09). *6th International Symposium Federation of European Societies on Trace Elements and Minerals (FESTEM): New horizons on trace elements and minerals role in human and animal health*. 26-28 May 2016, Catania, Italy.
- 5.17 **Sazakli E**, Villanueva CM, Kogevinas M, Maltezis K. and Leotsinidis M. (2014). Chromium and Nickel in human hair of an orally exposed population. *3rd International Congress on Environmental Health (ICEH2014)*. 24-26 September 2014, Porto, Portugal.
- 5.16 Evangelinos K, Jones N, Aloupi M, Kalantzi O, Stasinakis A, **Sazakli E**, Leotsinidis M, Siavalas G, Christanis K, Vakros J, Karapanagioti HK. (2014). Integrating Sustainability in participatory decision-making (inspired): Asopos sediment monitoring. *4th International Symposium on Sediment Management (I2SM)*, 17-19 September 2014, Ferrara, Italy. (ID 182)

- 5.15 **Sazakli E**, Siavalas G, Fidaki A, Christanis K, Leotsinidis M. and Karapanagioti HK. (2014). PAHs in a proclaimed waste industrial receiver (Asopos River). *4th International Symposium on Sediment Management (I2SM)*, 17-19 September 2014, Ferrara, Italy. (ID 196)
- 5.14 Ntzola V, **Sazakli E**, Zannis P. and Leotsinidis M. (2014). The effect of wastewater treatment plants on the evolution of pollution level in Patras gulf, Greece. *4th International Symposium on Sediment Management (I2SM)*, 17-19 September 2014, Ferrara, Italy. (ID 70)
- 5.13 Birmpa A, Leotsinidis M, **Sazakli E**, Tsihlia G. and Vantarakis A. (2014) Effect of Disinfection Technologies on Quality and Nutritional Properties of Lettuce, Strawberries and Cherry Tomatoes. *IAFP's European Symposium on Food Safety*. 7-9 May 2014, Budapest, Hungary
- 5.12 **Sazakli E**, Sazaklie E. and Leotsinidis M. (2014). Rainwater exploitation: from ancient Greeks to modern times. *IWA Regional Symposium on Water, Wastewater, and Environment: Traditions and Culture*, 22-25 March 2014, Patras, Greece.
- 5.11 **Sazakli E**, Villanueva CM. and Leotsinidis M. (2013). "HEXAVALENT CHROMIUM IN DRINKING WATER; EFFECTS ON HUMAN HEALTH": Design of an Epidemiological study. *13th International Conference on Environmental Science and Technology (CEST 2013)*. 5-7 September 2013, Athens, Greece.
- 5.10 Tsioukias D, **Sazakli E**, Jelastopulu E, Iosifidou E, Leotsinidis M. (2011). Benzimidazoles in raw milk (Abstract 2.1). *IDF International Symposium on Sheep, Goat and other non-Cow Milk. IDF Dairy Science and Technology Week*. 16-18 May 2011, Athens, Greece.
- 5.9 **Sazakli E**, Ntzola V. and Leotsinidis M. (2011) Effects of the wastewater treatment plants on remediation of a closed gulf. (Abstract TH184). *21st Annual Meeting of SETAC Europe "Ecosystem Protection in a Sustainable World: A challenge for Science and Regulation"*, 15-19 May 2011, Milan, Italy.
- 5.8 Galanopoulos C, **Sazakli E**, & Leotsinidis, M. (2010). Investigation of operational conditions and processes in a free-surface flow constructed wetland unit. *3rd International Conference on Small-Scale Water and Wastewater Treatment Facilities*, May 14–16, 2010, Skiathos, Greece.
- 5.7 Zouvelou S, **Sazakli E**, Kalavrouziotis I. and Leotsinidis M. (2009). Simultaneous Sb and As removal from drinking water. A promising method?

3rd International Conference "Metals and Related Substances in drinking water", 21-23 October 2009, Ioannina, Greece, pp. 36-37.

- 5.6 **Szakli E.** and Leotsinidis M. (2009). Applying disposal criteria on dredges in Greece. A need for regulation. (Abstract TU294) *19th Annual Meeting of SETAC Europe "Protecting ecosystem health: facing the challenge of a globally changing environment", 31 May - 4 June 2009, Göteborg, Sweden.*
- 5.5 Demos K, Charokopos N, Jelastopoulou E, Elloul I, **Szakli E.** and Leotsinidis M. (2008). Effects of long-term exposure to pesticides on depression and cognitive defects among agricultural workers in S.W. Greece. (Abstract Book P.1.18). *International Conference on Environmental Pollution and its Impact on Public Health, 16 - 19 July 2008, Brasov, Romania.*
- 5.4 Leotsinidis M, **Szakli E.**, Tzavellas N, Alexopoulos A. (2007). Evaluating dredges from ports in Greece. *SECOTOX Conference and International Conference on Environmental Management Engineering, Planning and Economics (CEMEPE). Διοργάνωση: Department of Planning and Regional Development, School of Engineering, University of Thessaly. 24 - 28 June 2007, Skiathos, Greece.*
- 5.3 Alexopoulos A, Bezirtzoglou E, **Szakli E.**, Tzavellas N. and Leotsinidis M. (2006). Quality assessment of harvested rainwater in a Greek island. *International Conference on Sustainable Management and Development of Mountainous and Island Areas. 29 September - 1 October 2006, Naxos, Greece.*
- 5.2 **Szakli E.**, Alexopoulos A. and Leotsinidis M. (2005). Toxic and basic trace elements in breast milk. Influence of nutritional habits and other parameters. *5th International Symposium on trace elements in human: new perspectives. 13 - 15 October 2005, Athens, Greece.*
- 5.1 Aletras AJ, **Szakli H.**, Tsiganos CP. and Vynios DH. (1995). In vitro interaction of $\alpha 1$ chains of type II collagen with proteoglycans. *HBBS Newsletter (39), 17 - 18.*

6. Presentations at Greek Conferences

- 6.27 Hardavella G, Skordia V, Karampinis I, Potaris K, Dimitroulis I, Leotsinidis M, **Szakli E.** (2025) Clinical Significance of Volatile Organic Compounds (VOCs)

- in Exhaled Breath for Lung Cancer Detection (AA199). *34th Hellenic Pulmonology Conference*, 18–21 December 2025, Athens, Greece. (Received Commendation)
- 6.26 Skordia V, Hardavella G, Karampinis I, Potaris K, Leotsinidis M, **Sazakli E.** (2025) Detection of Volatile Organic Compounds (VOCs) in Exhaled Breath: A Novel Approach for Lung Cancer Detection (AA200). *34th Hellenic Pulmonology Conference*, 18–21 December 2025, Athens, Greece.
- 6.25 Efraimidis G, Kasotas A, **Sazakli E**, Karapanou O, Saltiki K, Michalaki M. (2025) Assessment of Greek Endocrinologists' Intention to Adopt Active Surveillance for Low-Risk Papillary Thyroid Microcarcinoma. *52nd Hellenic Congress of Endocrinology, Metabolism, and Diabetes*, 21–24 May 2025, Patras, Greece.
- 6.24 Efraimidis G, Kasotas A, **Sazakli E**, Karapanou O, Saltiki K, Michalaki M. (2025) Preferences of Greek Endocrinologists for Managing Low- and Low-to-Intermediate Risk Papillary Thyroid Carcinoma: Findings from an Online Survey. *52nd Hellenic Congress of Endocrinology, Metabolism, and Diabetes*, 21–24 May 2025, Patras, Greece
- 6.23 **Sazakli E**, Karapanou O, Efraimidis G, Sykiotis G, Saltiki K, Michalaki M. (2025) Management of Thyroid Nodules with Indeterminate Cytology (BTS III): Results of an Online Survey Among Greek Endocrinologists. *52nd Hellenic Congress of Endocrinology, Metabolism, and Diabetes*, 21–24 May 2025, Patras, Greece.
- 6.22 Efraimidis G, Kasotas A, **Sazakli E**, Karapanou O, Saltiki K, Michalaki M. (2025) Does Artificial Intelligence Outperform the Greek Endocrinologist? Clinical Decision-Making in Thyroid Nodules and Papillary Thyroid Carcinoma. *52nd Hellenic Congress of Endocrinology, Metabolism, and Diabetes*, 21–24 May 2025, Patras, Greece.
- 6.21 Schoina N-O, **Sazakli E**, Leotsinidis M. (2023) Impact of Dietary Habits on the Human Respiratory Footprint (AA1). *9th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene and Epidemiology, School of Medicine, University of Crete, 20–23 October 2023, Heraklion, Greece.
- 6.20 **Sazakli E**, Leotsinidis M. (2023) Respiratory Footprint of Volatile Organic Compounds for Early Detection of Lung Cancer (PA14). *9th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene and Epidemiology, School of Medicine, University of Crete, 20–23 October 2023, Heraklion, Greece.
- 6.19 Plota M, **Sazakli E**, Gartziou F, Yiormezis N, Leotsinidis M, Kolonitsiou F, Antimisiari S, Spiliopoulou I. (2021) Effect of Bacteriophage K ATCC 19685-B1 and Daptomycin Against Staphylococci in In Vitro Biofilm Formation

Conditions (EA1). *10th Hellenic Congress of Clinical Microbiology and Medical Biopathology* (online), 2–4 April 2021. (**1st Prize**)

- 6.18 Christodoulou P, Chatzilygeroudi Th, **Sazakli E**, Charitidou Ch, Plakoula E, Verigou E, Merantzi G, Papanikolaou Th, Kourakli A, Symeonidis A. (2020) Blood Parameter Alterations in Initial Hematologic Assessment of Patients with Cardiovascular Disease, Hypertension and Diabetes – Prospective Epidemiological Study (e-poster 133). *31st Hellenic Hematology Congress*, 29–31 October 2020.
- 6.17 Gkotsopoulos D, **Sazakli E**, Feidaki A, Dailianis S, Vantarakis A, Leotsinidis M. (2018) Nitrate Pollution – Case Study in Achaia Prefecture (AA28). *8th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene and Epidemiology, School of Medicine, University of Thessaly, 22–25 November 2018, Larisa, Greece.
- 6.16 Platanos N, **Sazakli E**, Dailianis S, Vantarakis A, Leotsinidis M. (2018) Main Pesticides in Key Crops of Achaia Prefecture and Protective Measures Taken During Use (AA27). *8th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene and Epidemiology, School of Medicine, University of Thessaly, 22–25 November 2018, Larisa, Greece
- 6.15 Papageorgiou D, **Sazakli E**, Leotsinidis M. (2018) Investigation of Asbestos and Metal Levels in the Municipality of Patras (AA25). *8th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene and Epidemiology, School of Medicine, University of Thessaly, 22–25 November 2018, Larisa, Greece.
- 6.14 Kolokotsa A, Leotsinidis M, Kalavrouziotis I, **Sazakli E**, Zouni P. (2017) Antibiotic Resistance of Environmental E. coli and Enterococci Isolated from Urban Wastewater in Zakynthos. No. 18β. *8th Hellenic Congress of Clinical Microbiology*, Hellenic Microbiological Society, 9–11 March 2017, Athens, Greece.
- 6.13 Kolokotsa A, Leotsinidis M, Kalavrouziotis I, **Sazakli E**. (2016) Antibiotic Resistance of Environmental E. coli and Pseudomonas Isolated from Urban Wastewater in Zakynthos. *6th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene, Epidemiology and Medical Statistics, School of Medicine, National and Kapodistrian University of Athens, 31 October–1 November 2016, Athens, Greece, p. 107.
- 6.12 **Sazakli E**, Villanueva CM, Kogevinas M, Maltezis K, Mouzaki A, Leotsinidis M. (2015) Exposure to Hexavalent Chromium in Drinking Water and Health

Effects (No 189). *41st Annual Hellenic Medical Congress*, Athens Medical Society, 10–13 June 2015, Athens, Greece.

- 6.11 Demos K, **Szakli E**, Jelastopulu E, Charokopos N, Elloul I, Leotsinidis M. (2014) Farming Profession and Health Effects – Study in a Rural Area of Aetolia-Acarnania. *5th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene, School of Medicine, Aristotle University of Thessaloniki, 21–23 November 2014, Thessaloniki, Greece.
- 6.10 **Szakli E**, Villanueva CM, Kogevinas M, Maltezis K, Mouzaki A, Leotsinidis M. (2014) Hexavalent Chromium in Drinking Water – Exposure and Health Effects. *5th Hellenic Public Health and Social Medicine Forum*, Laboratory of Hygiene, School of Medicine, Aristotle University of Thessaloniki, 21–23 November 2014, Thessaloniki, Greece
- 6.9 **Szakli E**, Zouvelou S, Kalavrouziotis I, Leotsinidis M. (2012) Arsenic and Antimony Removal from Drinking Water. *2nd Joint Congress of the Hellenic Association of Civil Engineers (EYE) – Hellenic Committee for Water Resources Management (EEDYP): Integrated Water Resources Management for Sustainable Development*, Patras, 11–13 October 2012, p. 52.
- 6.8 Ntzola V, **Szakli E**, Zannis P, Sklivaniotis M, Leotsinidis M. (2012) Temporal Evolution of Pollution in the Gulf of Patras. *2nd Joint Congress of the Hellenic Association of Civil Engineers (EYE) – Hellenic Committee for Water Resources Management (EEDYP): Integrated Water Resources Management for Sustainable Development*, Patras, 11–13 October 2012, p. 65.
- 6.7 Pytharopoulou S, **Szakli E**, Leotsinidis M, Kalpaxis D. (2009) Translational Responses of Mussels Experimentally Exposed to Heavy Metals. *31st Annual Hellenic Society of Biological Sciences Conference*, Patras, 14–16 May 2009, pp. 304–305.
- 6.6 Demos K, Jelastopulu E, Charokopos N, Elloul I, **Szakli E**, Leotsinidis M. (2008) Association Between Chronic Pesticide Use and Farmers’ Mental Health in Aetolia-Acarnania. *8th Pan-Peloponnesian Medical Congress*, Neapoli Voion, Laconia, 3–5 October 2008.
- 6.5 **Szakli E**, Alexopoulos A, Berzitzoglou E, Leotsinidis M. (2008) Chlorination – Does Legislation Cover Us? *2nd Hellenic Conference “Modern Nutritional Challenges for Food Safety and Quality”*, Interdisciplinary Society for Food Hygiene Assurance, Thessaloniki, 6–8 June 2008, P14, pp. 65–66.
- 6.4 **Szakli E**, Alexopoulos A, Tzavellas N, Leotsinidis M. (2006) Assessment of

Rainwater Quality Used as Drinking Water. *1st Hellenic Conference "Interdisciplinary Cooperation for Food, Beverage, and Public Health Safety"*, Thessaloniki, 2–3 June 2006, A16, pp. 31–32.

- 6.3 **Sazakli E**, Leotsinidis M, Vantarakis A, Papapetropoulou M. (2005) Typing of Pseudomonads from Aquatic Environments Using Electrophoretic and Molecular Techniques. *2nd National Congress of Clinical Microbiology – 8th Hellenic Congress of Hospital Infections & Hygiene*, Athens, 24–26 February 2005, EA6, p. 11.
- 6.2 Pagonopoulou O, **Sazakli E**, Tsimpouxi A, Kouskouni E, Papapetropoulou M. (2000) Microbiological Control of Hospital Food Using Culture Methods and ELISA. *3rd Hellenic Public Health and Health Services Conference*, Athens, 21–23 February 2000, 83, p. 135.
- 6.1 **Sazakli E**, Vantarakis A, Papapetropoulou M. (1998) Identification of Environmental Strains Using SDS-PAGE of Total Microbial Proteins. *18th National Congress of Microbiology and Biopathology*, Athens, 1–3 April 1998.

IMPACT OF PUBLICATIONS

- Publications in peer-reviewed international journals: **40**

These publications have received:

Scopus **880 citations (842 without self-citations), h-index 16**

Web of Science **877 citations (862 without self-citations), h-index 16, mean citations per publication 22.5**

Google Scholar **1473 citations, h-index 19, i10-index 27**

The total impact factor is **113.4** (mean value 2.8), according to the journals' IF at the year of publication. The total SCImago Journal Rank Indicator is **36.6**, and the CiteScore by Scopus (since 2011) is **138.7**.

According to Scopus, over one-quarter of my publications (26.3%) rank among the top 25% most-cited articles globally, and nearly half of my publications (47.1%) appear in journals within the top quartile by CiteScore, reflecting the high visibility and impact of my research.

- International peer-reviewed proceeding papers: **12**.
- Greek peer-reviewed proceeding papers: **3**.

Reviewer in scientific journals

I am serving as a reviewer of submitted manuscripts in international journals, like European Respiratory Reviews, Building and Environment, PlosONE, Desalination,

Science of the Total Environment, Water Science and Technology, Global NEST, Environmental Processes, Water SA, International Journal of Arab Culture, Management and Sustainable Development, Desalination and Water Treatment. In total, I have reviewed 38 manuscripts for 17 journals.

Membership in Associations / Committees

- Member of the Association of Greek Chemists
- Alternate member of the Committee for the Protection of Therapeutic Natural Thermal Waters (Government Gazette 386/YODD, 19 April 2024)
- Member of the International Society for Environmental Epidemiology (ISEE)