Victoria F. Samanidou--deleted

Subjects: Chemistry, Analytical
Contributor: Victoria Samanidou

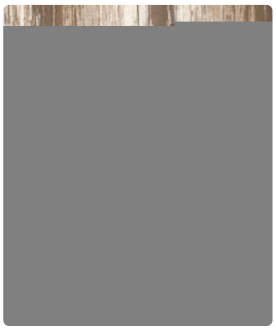
Dr. Victoria Samanidou is Full Professor in the Laboratory of Analytical Chemistry in the School of Chemistry of Aristotle University of Thessaloniki, Greece. She was born, in Thessaloniki, Greece, on the 11th of January 1963.

Dr Samanidou has authored and co-authored more than 170 original research articles in peer reviewed journals and 45 reviews and 50 chapters in scientific books, with H-index 36 (Scopus February 2020, http://orcid.org/0000-0002-8493-1106 (http://orcid.org/0000-0002-8493-1106), Scopus Author ID 7003896015) and ca 3500 citations. She is member of editorial board of more than 10 scientific journals and she has reviewed ca 550 manuscripts in more than 100 scientific journals. She has served as Academic Editor for Separations mdpi, as Regional editor in Current Analytical Chemistry,

Since December 2015 Dr Samanidou has been elected as President of the Steering Committee of the Division of Central and Western Macedonia of the Greek Chemists' Association. In November 2018 she has been reelected to serve at the same leading position for 3 more years.

A milestone in her career was in 2016, when she was included in top 50 power list of women in Analytical Science, as proposed by Texere Publishers.

Keywords: Biography ; analytical chemistry ; chemistry



Dr. Victoria F. Samanidou

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Personal Info

Dr. Victoria Samanidou was born, in Thessaloniki, Greece, on the 11th of January 1963. In 1980, she graduated Anatolia College (American College of Thessaloniki). In 1985, she obtained her Bachelor of Science degree in Chemistry, from the Chemistry School of Aristotle University of Thessaloniki, Greece and started her PhD in the same School. One year later she joined the Institute of Ecological Chemistry (Gesellschaft für Strahlen und Umweltforschung- GSF, Attaching/Freising, Germany), from 20-7-86 to 25-8-86 and the Institute of Ecological Chemistry, of GSF in Neuherberg-Munich, Germany, from 15-7-87 to 4-9-87, as well as from 1-7-88 to 30-9-88, for additional work on her PhD research and specialisation in HPLC and GC.

In 1990, she obtained a doctorate (Ph.D.) in Chemistry from the School of Chemistry of the Aristotle University of Thessaloniki. In the same year Dr Samanidou joined the Laboratory of Analytical Chemistry, in the School of Chemistry of Aristotle University of Thessaloniki, as Technical Assistant. Nine years later, she was elected as Lecturer in the Laboratory of Analytical Chemistry in the Department of Chemistry of the Aristotle University of Thessaloniki. In 2007, she joined the Institute of Analytical Chemistry and Radiochemistry in Graz Technical University, for four months, developing methods by LC-MS/MS.

Since 2015, Dr Samanidou is Full Professor in the Laboratory of Analytical Chemistry in the School of Chemistry of Aristotle University of Thessaloniki, Greece, where she currently serves as Director of the Laboratory.

She has been Member of organizing and scientific committee in 20 scientific conferences.

She is the mother of two daughters. One M Sc Chemist and currently PhD candidate and one Pharmacist, MSc student. She can speak four languages (Greek, English, German and French)

Research Interests

Her research interests include:

1. Development and validation of analytical methods for the determination of inorganic and organic substances using chromatographic techniques.
2. Development and optimization of methodology for sample preparation of various samples e.g food, biological fluids etc, in terms of selective extraction of analytes, using modern sample pre-treatment techniques such as solid phase extraction, matrix solid phase dispersion, membranes, sonication, microwaves etc.
3. Study of novel sorptive media used in separation and sample preparation (polymeric sorbents, monoliths, carbon nanotubes, fused core particles etc) compared to conventional materials.
4. Application of HPLC in the analysis of different samples such as food, biological fluids, pharmaceuticals, environmental, forensics etc.
5. Application of Ion Chromatography in environmental pollution elimination.

Authorship and supervising activities

Dr Samanidou has authored and co-authored more than 170 original research articles in peer reviewed journals and 45 reviews and 50 chapters in scientific books, with H-index 36 (Scopus February 2020, http://orcid.org/0000-0002-8493-1106, Scopus Author ID 7003896015) and ca 3500 citations. She has supervised four PhD Theses, 24 postgraduate Diploma Theses, 2 postdoc researchers and more than 15 undergraduate Diploma Theses. She has served as Member of 10 advisory PhD committees, 21 examination PhD committees and 32 examination committees of postgraduate Diploma Theses.

Editorial Boards

She is member of editorial board of more than 10 scientific journals and she has reviewed ca 550 manuscripts in more than 100 scientific journals. She has served as Academic Editor for Separations mdpi, as Regional editor in Current Analytical Chemistry and as Editor in Chief of Pharmaceutica Analytica Acta.

She was guest editor or co-guest editor in 11 Special Issues of mdpi scientific journals:

MDPI Journal	Special Issue Title	Guest Editors
Molecules	Analytical Aspects in Environmental Pollution Monitoring in Greece	Prof. Dr. Victoria Samanidou Prof. Dr. Eleni Deliyanni Prof. Dr. Dimitra Voutsa
Sustainability	Environmental Aspects in Greece—A Multidisciplinary Approach	Prof. Dr. Victoria Samanidou Prof. Dr. Eleni Deliyanni Prof. Dr. Dimitra Voutsa
Molecules	Sample Preparation-Quo Vadis: Current Status of Sample Preparation Approaches	Prof. Dr. Victoria Samanidou Prof. Irene Panderi
Separations	Research as Development Perspective 2019	Prof. Dr. Victoria Samanidou Prof. Dr. George Zachariadis Dr. Michael A. Terzidis Dr. Adamantini Paraskevopoulou
Molecules	Advances in Chemical Analysis Procedures (Part I): Extraction and Instrument Configuration	Prof. Dr. Marcello Locatelli Dr. Angela Tartaglia Prof. Dora Melucci Dr. Abuzar Kabir Prof. Dr. Halil Ibrahim Ulusoy Prof. Dr. Victoria Samanidou
Molecules	Advances in Chemical Analysis Procedures (Part II): Statistical and Chemometric Approaches	Prof. Dr. Marcello Locatelli Dr. Angela Tartaglia Prof. Dora Melucci Dr. Abuzar Kabir Prof. Dr. Halil Ibrahim Ulusoy Prof. Dr. Victoria Samanidou

MDPI Journal	Special Issue Title	Guest Editors
Molecules	Metal Organic Frameworks: Synthesis and Application	Prof. Dr. Victoria Samanidou Prof. Dr. Eleni Deliyanni
Molecules	Solid Phase Extraction: State of the Art and Future Perspectives	Prof. Dr. Victoria Samanidou
Separations	Five Years of Separations: Feature Paper 2018	Prof. Dr. Victoria Samanidou Prof. Dr. Rafael Lucena
Separations	Research as Development Perspective	Prof. Dr. Victoria Samanidou Prof. Dr. George Zachariadis
Separations	Trends in Microextraction Techniques for Sample Preparation	Prof. Dr. Victoria Samanidou

She has been also Guest editor in:

1. Current Organic Chemistry, Bentham Publishers, special issue: Hot Topic "Recent advances in chemical analysis of organic compounds", 2009.

2. Co-Guest editor in CURRENT MEDICINAL CHEMISTRY, Special Issue. Epigenetic mechanisms and therapeutic strategies, Bentham Publishers, 2010.

3. Co-Guest Editor in Journal of applied Bioanalysis. Special Issue: 22th Panhellenic Conference in Chemistry (2016) Thessaloniki, Greece

https://jab.scholasticahq.com/article/1846-22th-panhellenic-conference-in-chemistry-2016-thessaloniki-greece

4. Co-Guest Editor Current Analytical Chemistry Bentham Publishers, special issue "Automation in Sample Preparation and Green analytical perspectives, 2019"

5. Co-Guest Editor Journal of applied Bioanalysis, Betasciencepress: The Multidisciplinary Role of Bioanalysis, 2020.

6. Current Analytical Chemistry Bentham Publishers, thematic Issue of Current Analytical Chemistry: GOING GREEN IN ENVIRONMENTAL ANALYSIS special issue, 2020

Teaching activities

Her educational activities include Laboratory Practice in Instrumental Chemical Analysis, Qualitative Chemical Analysis, Principles of Analytical Chemistry, Separation Methods in Chemical Analysis, Specific separation methods of chemical analysis, Qualitative analysis in Geology and Agricultural Department, Quantitative Chemical Analysis, Environmental Pollution Control, Envirnmental Chemsitry, as well as lectures in Undergraduate and postgraduate courses Separation methods in chemical Analysis, Instrumental Chemical Analysis, Specific methods of separation and chemical analysis, Qualitative Chemical Analysis, Bioanalytical Chemistry, Specific methods of analysis as well as in Postgraduate Studies: Advanced Separation Techniques in Instrumental Chemical Analysis, Advanced Analytical Chemistry and Research Methodology.

Distinctions

Since December 2015 Dr Samanidou has been elected as President of the Steering Committee of the Division of Central and Western Macedonia of the Greek Chemists' Association. In November 2018 she has been reelected to serve at the same leading position for 3 more years.

A milestone in her career was in 2016, when she was included in top 50 power list of women in Analytical Science, as proposed by Texere Publishers.

https://theanalyticalscientist.com/power-list/the-power-list-2016

Selected Recent Publications

1. Ramandeep Kaur, Ripneel Kaur, Susheela Rani, Ashok Kumar Malik,Abuzar Kabir, Kenneth G. Furton, Victoria Samanidou. Rapid monitoring of organochlorine pesticides residues in various fruit juicesand water samples using fabric phase sorptive extraction and GC-MS, Molecules 2019, 24, 1013; doi:10.3390/molecules24061013

2. Artemis Lioupi, Abuzar Kabir, Kenneth Furton, Victoria Samanidou. Fabric phase sorptive extraction for the isolation of five common antidepressants from human urine prior to HPLC-DAD analysis. Journal of Chromatography B 1118–1119 (2019) 171–179. https://doi.org/10.1016/j.jchromb.2019.04.045

3. Vasileios Alampanos,Abuzar Kabir, Kenneth G. Furton, Victoria Samanidou, Ioannis Papadoyannis. Fabric phase sorptive extraction for simultaneous observation of four penicillin antibiotics residues from human blood serum prior to high performance liquid chromatography and photo-diode array detection. Microchemical Journal 2019 https://doi.org/10.1016/j.microc.2019.103964

4. Martha Maggira, Eleni Deliyanni, Victoria Samanidou. Synthesis of Graphene Oxide Based Sponges and Their Study as Sorbents for Sample Preparation of Cow Milk Prior to HPLC Determination of Sulfonamides. Molecules 2019, 24, 2086; doi:10.3390/molecules24112086

5.Kyriazis Rekos, Zoi-Christina Kampouraki, Charalampos Sarafidis, Victoria Samanidou, Eleni Deliyanni.Graphene Oxide Based Magnetic Nanocomposites with Polymers as Effective Bisphenol–A Nanoadsorbents. Materials 2019, 12(12), 1987; https://doi.org/10.3390/ma12121987

6. Samanidou V, Kaltzi I, Kabir A, Furton K. Simplifying Sample Preparation Using Fabric Phase Sorptive Extraction Technique for the Determination of Benzodiazepines in Blood Serum by High-Performance Liquid.Chromatography. Biomedical Chromatography 30(6), 829-836 (2016).

7. Kechagia, M.; Samanidou, V.; Kabir A.; Furton K. One-pot synthesis of a multi-template molecularly imprinted polymer for the extraction of six sulfonamide residues from milk prior to High Performance Liquid Chromatographic Analysis with Diode Array Detection. J.Sep. Sci., 2018, 41, 723-731.

8. Kissoudi, M.; Sarakatsianos, I.; Samanidou, V. Isolation and purification of food-grade C-phycocyanin from Arthrospira platensis and its determination in confectionery by High Performance Liquid Chromatography-Diode Array Detection. Sep. Sci. 2018, 41, 975–981.

9. Vardali, S.; Samanidou, V.; Kotzamanis, Y. Development and validation of an Ultra Performance Liquid Chromatography-Quadrupole Time Of Flight-Mass Spectrometry (in MSE mode) method for the quantitative determination of 20 antimicrobial residues in edible muscle tissue of European sea bass. J. Chromatogr. A, 2018, 1575, 40–48. https://doi.org/10.1016/j.chroma.2018.09.017

10. Manousi,N; Zachariadis,G; Deliyanni,E; Samanidou, V. Applications of Metal-Organic Frameworks in Food Sample Preparation. Molecules 2018, 23(11), 2896; https://doi.org/10.3390/molecules23112896
