VICTORIA F. SAMANIDOU

PROFESSOR

DEPARTMENT OF CHEMISTRY, FACULTY OF SCIENCES,
ARISTOTLE UNIVERSITY OF THESSALONIKI GREECE

BIOGRAPHIC DATA
TEACHING, ADMINISTRATIVE AND RESEARCH ACTIVITIES
PUBLICATIONS

CURRICULUM VITAE

SCIENTIFIC FIELD

ANALYTICAL CHEMISTRY

THESSALONIKI
2023

CURRICULUM VITAE

NAME: **VICTORIA SAMANIDOU**
FATHER NAME: FRAGKISKOS
AFFILIATION: Laboratory of Analytical Chemistry,
Department of Chemistry, University of Thessaloniki, AUTh, 54 124 Thessaloniki
Tel.: 2310-99 7698, FAX: 2310-99 7719, cell phone. 6973039088
E-mail: samanidu@chem.auth.gr
http://users.auth.gr/samanidu
https://www.researchgate.net/profile/Victoria_Samanidou
http://orcid.org/0000-0002-8493-1106
Scopus Author ID 7003896015
https://loop.frontiersin.org/people/542305/bio
Web of Science ResearcherID is **AAE-4121-2020**
https://www.webofscience.com/wos/author/record/595612
https://sciprofiles.com/profile/152347

DATE AND PLACE OF BIRTH: 11-1-1963, Thessaloniki

FAMILY STATUS: Mother of 2 daughters (Chemist, PhD) and (Pharmacist, MSc student)

STUDIES:

- **Undergraduate:**
- **Postgraduate:** Bachelor in Chemistry, (1985), Degree 9,13/10. Aristotle University of Thessaloniki
  Ph.D. Thesis (1990), Dept. of Chemistry, Aristotle University of Thessaloniki. **"**Distribution and mobilization of heavy metals in waters and sediments from rivers in Northern Greece".

SCHOLARSHIPS

Undergraduate Scholarship, National Scholarship Foundation (1982-83)
Postgraduate Scholarship, National Scholarship Foundation (1985-89)

PROFESSIONAL STATUS:

2015- Today Full Professor
2009-April 2015: Associate Professor
2003-2009: Assistant Professor
1999- 2003: Lecturer
1990-1999: Technical Assistant Ph.D.

MEMBER OF ASSOCIATIONS:

Association of Greek Chemists.
Northern Greece Chemists' Society.
Greek Toxicology Society.
CASSS California Separation Science Society
American Chemical Society Community member 2020

LANGUAGES:

- **English:**
  1. First Certificate in English-University of Cambridge.
  2. Certificate of Proficiency in English-University of Michigan.
  3. Adequacy of teaching from the Ministry of Education and Religions.
- **French:** 1. Certificat d' Etudes Françaises-Institut Français de Thessalonique.
- **German:** 1.Zertifikat Deutsch als Fremdsprache, Goethe Institut.
  2. Zentrale Mittelstufenpruefung Zeugnis, Goethe Institut.

BRIEF PRESENTATION OF SCIENTIFIC ACTIVITY

SCIENTIFIC ACTIVITY	TOTAL
Distinctions: Included in the Power list of top 50 women in Analytical Science by The Analytical Scientist/TEXERE PUBLISHERS	**Year 2016**
http://www.adscientificindex.com/?university=Aristotle%20University%20of%20Thessaloniki&fbclid=IwAR2lBjb2fGUmc4CWYWeEt59BN0ELAY1S1nFz2cUNSe_YBvw-6o2Pw43OzE	**2023**
included in the 2% top world scientists in the field of Analytical Chemistry (career - 2019, as well as single year 2019) published in PLOS Biology based on citations from SCOPUS. https://dx.doi.org/10.17632/btchxktzyw. https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918	**2020**
included in the 2% top world scientists in the field of Analytical Chemistry (career - 2021, as well as single year 2021) published in PLOS Biology based on citations from SCOPUS. https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4	**2022**
In 2021 included in the "The Analytical Scientist" 2021 Power List of top 100 influential people in analytical science. https://theanalyticalscientist.com/power-list/2021 https://www.eex.gr/news/anakoinwseis/2694-teuxos-noembriou-2021	**2021**
Enlisted as one of the 50 scientists from Aristotle University of Thessaloniki Scientist in AD University Rankings 2021 https://www.adscientificindex.com/?university=Aristotle+University+of+Thessaloniki	**2021**
https://www.adscientificindex.com/scientist.php?id=919972&fbclid=IwAR3MTp7GRdJjEgpt-f5QzpZhWIgSsSIlYxvj_Qzgpb0aPlgchlkI1lqZBiQ Enlisted as one of the 51 scientists from Aristotle University of Thessaloniki Scientist in AD University Rankings 2022 https://www.adscientificindex.com/?sort=asc&sortby=i&university=Aristotle+University+of+Thessaloniki	**2022**
https://research.com/scientists-rankings/chemistry/gr 50η ranked #50 in Greece as well as #11595 in the world ranking. Our ranking is constructed using the H-index data gathered by Microsoft Academic and includes only prominent scientists with an H-index of at least 40 for scientific papers published in the field of Chemistry. You can see the full world ranking here: https://research.com/scientists-rankings/chemistry You can find the entire ranking for Greece here: https://research.com/scientists-rankings/chemistry/gr	2022 (4/7/22)
https://research.com/university/chemistry/aristotle-university-of-thessaloniki?fbclid=IwAR2sw6efvvC88L1uau6xOZ569OepE_YWB0T_f5fGX65p6QMo6kYr-YT_wmM Ranked # 15 Position in the ranking is based on each scientist's h-index	2022 (21/7/22)

using data compiled from Microsoft Graph by December 6th 2021. This ranking lists all top researchers from the Chemistry discipline and affiliated with Aristotle University of Thessaloniki. There are a total of 16 researchers included. The total sum for the h-index values for top scientists in Aristotle University of Thessaloniki is 916 with a mean value for the h-index of 57.25. The total sum of publications for top scientists in Aristotle University of Thessaloniki is 2,836 with the mean value for publications per scientist of 177.25.	
https://www.adscientificindex.com/?subject=Natural+Sciences+%2F+Chemical+Sciences&university=Aristotle+University+of+Thessaloniki	**2022**
https://expertscape.com/ex/solid+phase+extraction https://expertscape.com/ex/chromatography%2C+high+pressure+liquid	**2021**
16. RESET I Invitation to be included in digital campaign International Day of Women and Girls in science I 11 February 2022 Girls RESET" Digital Campaign for #IDWGS22 - RESET Project (wereset.eu)	**2022**
Leader of Working Group 1 Science and Fundamentals of EuChemS-DAC Sample Preparation Study Group and Network https://www.sampleprep.tuc.gr/en/working-groups/wg1-science-and-fundamentals	**2021**
Original research articles	**212**
Review articles	**65**
Citations (Scopus 8-1-23) *self citations excluded ** self citations from all authors excluded	**6315/5643*/5273****
h-index (Scopus 8-1-23) https://www.scopus.com/authid/detail.uri?authorId=7003896015 *self citations excluded ** self citations from all authors excluded	**43/41*/39****
Books/tutorials/laboratory practice instructions	**11**
Chapters in books	**55**
Chapters in Encyclopedia of Chromatography	**7**
Softcover book	**1**
Editorials + commentaries + opinions + Magazines + covers+Entries Encyclopedia (mdpi)	**70**
CHAIR WEBINAR MDPI	**2**
Seminars	**24**
Participation in conferences (total)	**97**
Instructor in training courses/workshops	**4**
International conferences-Participation (with or without presentation by co-author)	**18**
International conferences with oral presentation	**13**
International conferences with poster presentation	**8**
Greek conferences -Participation (with or without presentation by co-author)	**20**
Greek conferences with oral presentation	**10**
Greek conferences with poster presentation	**3**
Organising of scientific conferences	**12**
Invited lectures	**13**
Scientific journals for which I have acted as referee	**154**

CAC initial approval of abstracts	
Academic Editor in articles of Separations mdpi	**10**
MDPI pre check decisions	**77**
MDPI decisions	**81**
Total reviewed articles	**725**
Supervision of PhD Theses	**5**
Supervision of postgraduate Diploma Theses	**35**
Supervision of postdoc researcher	**1**
Supervision of undergraduate Diploma Theses	**24**
Supervision of undergraduate Diploma Theses in collaboration with Biology Dept	**11**
Supervision of researchers	**3**
Member of advisory PhD committee	**14**
Member of examination PhD committee	**27**
Member of the judging panel of the “PeerJ Open Chemistry Awards” alongside the Nobel Laureates Bruce Beutler and Kurt Wuthrich. Details are below.	**1**
Member of Evaluation Committee for Best Paper Award 2019 and Outstanding Reviewer Award 2019, Separations, mdpi	**1**
Travel Award Evaluation Committee. Separations 2020--2021 chairman of Evaluation Committee. (2021)	
Chairman of the Evaluation Committee for Separations 2022 Travel Award	
Best Paper Award Evaluation Committee Methods and Protocols MDPI 2022	
Member of European Chemical Society-Division of Analytical Chemistry (EuChemS-DAC) Task Force on Sample Preparation	
Member of examination postgraduate Diploma Theses committee	**42**
Co-supervision of undergraduate diploma theses before 2003	**31**
Evaluation of PhD in other countries	**4**
Member of examination 3 member committee of PhD in foreign countries	**1**
Refund proposal evaluation in foreign countries	**7**
Evaluation of book proposal RSC	**1**
Evaluation of book proposal CRC Taylor & Francis	**1**
Evaluation of book proposals Elsevier	**3**
Evaluation of book proposal Wiley	**1**
Guest editor of special issues	**32**
Member of Editorial board	**32**
Advisory Board Member **Encyclopedia mdpi**	**1**
Section Editor-in-Chief Analytica mdpi	**1**
Journal of Applied Bioanlaysis Pharmaceutical Analysis – Small Molecules, Section Editor	**1**
Editor in Chief in Pharmaceutica Analytica Acta	**1**
Member of organizing and scientific committee in scientific conferences	**19**
Regional Editor in Current Analytical Chemistry	**1**
Section Editor-in-Chief of Analytica mdpi https://www.mdpi.com/journal/analytica/editors, * Section EiC of Chromatography	**1**
Associate editor J. Applied Bioanalysis	**1**
Associate editor of Separations mdpi	**1**
Erasmus Training Vienna Austria 11-14 April 2023	

Ανακοινώσεις 17/2/2023

Editor In Chief του Journal of the Association of Greek Chemists

Η ΔΕ της ΕΕΧ ομόφωνα αποφάσισε τον ορισμό της καθηγήτριας του Τμήματος Χημείας ΑΠΘ, κυρίας Βικτωρίας Σαμανίδου, στη θέση του editor in chief του αγγλόφωνου επιστημονικού περιοδικού με σύστημα κριτων της ΕΕΧ, Journal of the Association of Greek Chemists. Συγχαίρουμε την κυρία Σαμανίδου και της ευχόμαστε κάθε επιτυχία στο έργο της!

https://www.eex.gr/news/anakoinwseis/2846-editor-in-chief-tou-journal-of-the-association-of-greek-chemists

RESEARCH ACTIVITY

1.1. SCIENTIFIC FIELD

1. Development and validation of analytical methods for the determination of inorganic and organic substances using chromatographic techniques:

- High Pressure Liquid Chromatography (HPLC).
- Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS).
- High Pressure Ion Chromatography (HPIC).
- Gas Chromatography (GC)

2. Development and optimization of methodology for sample preparation of various sampes eg 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 new chromatographic materials 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.

1.2. EXPERIENCE- TRAINING ABROAD

1. From 20-7-86 to 25-8-86:

Institute of Ecological Chemistry, in GSF, Attaching/Freising, Germany, (additional work for my PhD Thesis, as well as research work on Photochemistry and stdy of photodecomposition products of chlorophenols by HPLC-Diode array and GC-MS).

2. From 15-7-87 to 4-9-87:

Institute of Ecological Chemistry, in GSF, Neuherberg-Munich, Germany, (additional work for my PhD Thesis, as well as research work on carbamate analysis by HPLC and GC-MS).

3. From 1-7-88 to 30-9-88:

Institute of Ecological Chemistry, in GSF, Neuherberg-Munich, Germany, (additional work for my PhD Thesis, as well as research work on controlled release of pesticides by HPLC and GC-MS).

4. In **1993**, in the frame of educational exchange program of Ministry of Education I visited Institute of Pharmacology of Slovakia Academy in Bratislav

5. From 11-7-07 to 2-11-07:

I worked four months in the Institute of Analytical Chemistry and Radiochemistry in Graz Technical University, using the LC-MS/MS technique.

1.3 RESEARCH PROJECTS

1. I have participated in research projects in the field of Environmental Pollution Control and in Analytical Chemistry.
2. Responsible for Research Funding Program: Heracleitus II. Investing in knowledge society through the European Social Fund.
   This research has been co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF).
3. I have also submitted research proposals which have not been funded.

2. EDUCATIONAL ACTIVITY

2.1. LABORATORY EDUCATIONAL ACTIVITY

Laboratory Practice:

1. Instrumental Chemical Analysis, Department of Chemistry. (1988-today).

2. Qualitative Chemical Analysis, Department of Chemistry. (1995-today).
3. Principles of Analytical Chemistry, Department of Chemistry. (2000-2002).
4. Separation Methods in Chemical Analysis, Department of Chemistry. (1990-today).
5. Special separation methods of chemical analysis, Department of Chemistry. (2003-2013).
6. Qualitative analysis in Geology and Agricultural Department, (1987-1993).
7. Quantitative Chemical Analysis, Department of Pharmacy. (1990-1993).
8. Environmental Pollution Control, Department of Chemistry. (1985-1989).
9. Environmental Chemistry, Department of Pharmacy. (1985-1989).

2.2. TUTORIAL ACTIVITY-TEACHING

2.2.1 Undergraduate Level:

2.2.1.1 Department of Chemistry

1. Separation methods in chemical Analysis. (1994-).
2. Instrumental Chemical Analysis. (1998-)
3. Specific methods of separation and chemical analysis, (2003-2013).
4. Qualitative Chemical Analysis (2006-2010).
5. Bioanalytical Chemistry (2013-)
6. Special methods of analysis (2013-)

2.2.1.2 Department of Geology

1. Analytical Chemistry (2013-2020)

2.2.2. Postgraduate Studies in Chemistry Department:

Advanced Separation Techniques in Instrumental Chemical Analysis. (1998-).

2.2.3 Interuniversity Postgraduate Studies:

Chemical Analysis-Quality Control:

1. Advanced Analytical Chemistry. (2003-2020)
2. Research Methodology. (2003-2020)

2.2.4 Teaching in Training Seminars

1. Instrumental Chemical Analysis in Training Seminars for chemistry teachers in technical schools. Thessalloniki, 12-23 Sept. 1994.

2. European Training Program in Microseparation Techniques (ECOSEP 1- Leonardo da Vinci) Invited lecturer Patra (1998). Chromatographic Method Validation-Good Laboratory Practice. (Εργασία **12.13**)

3. June 2006. Institute of Analytical Chemistry and Radiochemistry in Graz Technical University. I was invited to deliver a lecture for post graduate and postdoctoral students.

4. Training School on Phytochemical Analysis (COST) Febr. 13-15, 2013, Thessaloniki, AUTH. I was invited to provide a presentation on HPLC principles and theory.

2.3 SUPERVISION OF UNDERGRADUATE DIPLOMA THESES

- As technical assistant having finished my PhD, I had particiapted in the supervision of 14 undegraduate diploma theses.

- As lecturer I had co-supervision of 17 undegraduate diploma theses.

Diploma Theses Supervision:

1. **D.Giannakis** (June 2008): «HPLC method development for the determination of penicillins in veterinary drugs" (publication **9.87**)

2. **A. Papadaki** (March 2009): HPLC method development for the determination of penicillins in bovine blood serum" (publication **9.87**)
3. **K.Rentifis** (September 2010): «Method development for the determination of opiates in humor by GC-NPD after SPE and DPX» (Publication **9.96**)
4. **Ch. Nazyropoulou** (March 2011): «HPLC Method development and validation for the determination of venlafaxine and O-venlafaxine in serum after SPE» (Publication **9.101**).
5. **Moschou I.** (July 2013): «Carbon nanotubes in SPE extraction of tetracyclines» (Publication **9.120**).
6. **M.Armeni**, (July 2013): «MSPD for the determination of tetracyclines in milk by HPLC» (Publication **9.120**).
7. **Michaelidou K.**. (July 2013): «Method development and validation for the UPLC determination of antipsyctotics in cerebrospinal fluid after SPE». (Publication **9.114)**.
8. **Ntotsika S**, (October 2013). "HPLC-DAD method development for the determination of 5-methylcytidine and deoxycytidine in DNA".
9. **S.Chalouma**, 2015.
10. **Petrocheilou M**. (Februaray 2013). "Development and validation of an HPLC method for the determination of donepesil in cerebrospinal fluid". (Publication **9.124**)
11. **Galanopoulos Lavrentis**- Demetrios. 2014. (Publication **9.123**).
12. **Kaltzi Ioanna,** 2014.
13. **Magira Martha,** 2015.
14. **Marinou Eirini**, 2016.
15. **Tsalbouris Athanasios,** 2017
16. **Andreasidou Eirini**, 2018
17. **Georgiadis Doukas-Evangelos** 2018
18. **Orfeas Plastiras** 2019
19. **Ioanna Natsiou** 2020
20. **Vasiliki Kapsali** 2020
21. **Sofia Xefteri** 2020
22. **Loukia Daktylidi**, 2021
23. **Iakovidou Panagiota** 2021
24. **Ioannis Priovolos**, 2021

Additionally, 9 STUDENTS OF BIOLOGY SCHOOL, in collaboration with Assistant Professor Dr Maria Touraki.

2.4 SUPERVISION OF POSTGRADUATE DIPLOMA THESES

- **E. Christodoulou**. "Chemical Analysis-Quality Control", **October 2004.** «HPLC method development and validation for the determination of fluoroquinolones in animal edible tissues after SPE".

- **E. Evaggelopoulou**. “Chemical Analysis-Quality Control”, **June 2006.** “HPLC method development and validation for the determination of penicillins in pharmaceuticals and biological fluids after SPE”.
- **M. Nika**. “Chemical Analysis-Quality Control”, **June 2007.** «HPLC method development and validation for the determination of tricyclic antidepressants in pharmaceuticals and biological fluids after SPE ».
- **S.Nisyriou**. “Chemical Analysis-Quality Control”, **June 2007.** «HPLC method development and validation for the determination of penicillins in bovine tissue according to the decision 2002/657/EC».
- **E. Chatzistathis.** “Chemical Analysis-Quality Control”, **June 2008.** «Determination of rare earth and other trace metals in edible oils by ICP-MS».
- **P. Kourti.** “Chemical Analysis-Quality Control”, **June 2009.** ««HPLC method development and validation for the determination of SNRIs and SSRIs in biological fluids».
- **M. Hadjicharalampous**. “Chemical Analysis-Quality Control”, **February 2010**. «HPLC method development and validation for the determination of monomers relased from dental composites”.
- **D.Giannakis**. “Chemical Analysis-Quality Control”, **October 2010.** «Method development and validation of anesthetics and other volatiles in biological fluids by HS-GC-FID».
- **K.Pantazidou**. “Chemical Analysis-Quality Control”, **October 2011.** «HPLC method development and validation for the determination of paroxetine, fluoxetine, venlafaxine and duloxetine in hair and nails».
- **K. Rentifis**. “Chemical Analysis-Quality Control”,». **June 2012**. «Method development and validation for the UPLC determination of antipsyctotics in blood and urine after SPE».
- **Ch. Stathatos**. Advanced Chemical Analysis. **November 2012**. «GC-NPD method development for the determination of antipsychotics in urine after DPX»
- **A.Tsagiannidis**. “Chemical Analysis-Quality Control”. June 2013. «HPLC method development and validation for the determination of polyphenols and pourine alkaloids in herbal extracts»
- **E.Makrygianni**. “Chemical Analysis-Quality Control”. 2013.
- **Ch.Nazyropoulou**. Advanced Chemical Analysis. March 2014 “HPLC method development and validation of polyphenols and purine alkaloids in blood serum.
- **Dr. D.Leivadiotou**. Advanced Chemical Analysis. March 2014. “HPLC Method development and validation for the determination of monomers released from polymeric dental materials in biological fluids”
- **N.Tsartsali.** 2015. “Chemical Analysis-Quality Control”, 2015. Development and validation of an HPLC-DAD method for the simultaneous determination of melamine and cyromazine residues in eggs from laying hens by using QuEChERS dispersive extraction.

17. **K.Michaelidou.** “Chemical Analysis-Quality Control”, Extraction of four penicillins from raw milk using the novel Fabric Phase Sorptive Extraction Technique followed by HPLC-DAD, October, 2015.
18. **C.Christogiorgos**, Advanced Chemical Analysis. “Development of an HPLC method for the simultaneous determination of melamine and cyromazine after solid phase dispersion using QuEChERS and its application to the determination of cyromazine in animal feed**,** October, 2015.

19. **D.Bitas,** “Chemical Analysis-Quality Control”, EFFECTIVE CLEANUP FOR THE DETERMINATION OF SIX QUINOLONE RESIDUES IN SHRIMPS PRIOR TO HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-DIODE ARRAY DETECTION IN COMPLIANCE WITH THE EUROPEAN UNION DECISION 2002/657/EC, September, 2016.
20. **O.Filippou,** “Chemical Analysis-Quality Control”, Fabrication and evaluation of magnetic activated carbon as a new adsorbent for ultrasonic assisted magnetic solid phase dispersive extraction of bisphenol A from milk prior to High Performance Liquid Chromatographic analysis with Ultraviolet detection, September, 2016.
21. **M.Kechagia, “**Development And Validation Of An Hplc-Dad Method For The Simultaneous Determination Of Six Sulfonamides In Milk Samples Using Molecularly Imprinted Polymer Solid Phase Extraction”, June, 2017.
22. **M.Kissoudi,** ‟Development And Validation Of An Hplc-Dad Method For The Determination Of C-Phycocyanin After Its Isolation And Purification From Arthospira Platensis”, June, 2017.
23. **E.Bekou,** On-Line SPE Sample Treatment As A Tool For Method Automatization And Detection Limits Reduction: Quantification Of 25-Hydroxyvitamin D3/D2. June, 2018.
24. **E. Pakkidi,** Determination of global DNA methylation by HPLC-UV, during the transition from tobacco smoking to e-cigarette, December 2018.
25. **E. Zilfidou,** An improved fabric phase sorptive extraction method for the determination of five selected antidepressant drug residues in human blood serum prior to high performance liquid chromatography with diode array detection, June 2019.
26. **A. Lioupi.** "Method development and validation for the HPLC-DAD determination of anti-depressants in urine after sample preparation by FPSE". June 2019.
27. **M. Maggira.** Synthesis of graphene oxide based sponges and their study as sorbents for sample preparation of milk prior to high performance liquid chromatographic determination of sulfonamides, February 2019.
28. **Efstratios Agadellis.** Method Development and Validation For The Determination Of Tetracycline Residues In Milk By Fabric Phase Sorptive Extraction (FPSE) Coupled With HPLC-UV, June 2020.
29. **Elisavet-Ioanna Diamantopoulou**, Development and Validation of a High Pressure Liquid Chromatography (HPLC) Method for the Determination of Monomers Released from Dental Resin Composites in Artificial Saliva. June 2020.
30. **Athanasios Tsalmpouris**, Development and validation of a molecularly imprinted polymer solid-phase extraction (mip-spe) method prior to detection with hplc-dad for the determination of bisphenol A in alcoholic and non-alcoholic beverages. July 2020.
31. **Georgios Rigkos**, Development and validation of an HPLC method for the determination of the parabens in urine samples after fabric phase sorptive extraction, July 2020.
32. **Eirini Andreasidou**, DEVELOPMENT OF A FABRIC PHASE SORPTIVE EXTRACTION (FPSE) METHOD FOR THE HPLC-UV DETERMINATION OF LEACHING MONOMERS FROM DENTAL MATERIALS IN SALIVA AND DENTAL WASTEWATER, July 2021.

33. **Orfeas-Evangelos Plastiras,** Synthesis and application of the magnetic nanocomposite GO-Chm for the extraction of benzodiazepines from surface water samples prior to HPLC-PDA analysis. July 2021.

34. **Nikoleta Ampatzi,** Development and validation of an HPLC-DAD method for the determination of coumarin in bakery products after CPME. April 2022.

35. **Ioannis Priovolos.** "Development of an automatic sol-gel coated foam microextraction method in syringe (Foam Microextraction-Lab In Syringe) for the evaluation of bisphenol A migration from polycarbonate materials with HPLC-UV analysis". February 2023.

2.5. SUPERVISION OF DOCTOR THESES

1. **E. Christodoulou.** PhD Thesis was completed in **March 2008**.
   «Development and validation of HPLC methods for the determination of quinolones in various food samples of animal origin».
2. **E. Evaggelopoulou**. PhD Thesis was completed in **November 2012.**
   «Development of methodology for the HPLC determination of antibiotics residues in fish».
3. **E.Karageorgou**. PhD Thesis was completed in **September 2013.**
   « Development of methodology for the HPLC determination of antibiotics in milk using columns of new technology.
   This research has been co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF) - Research Funding Program: **Heracleitus II.** Investing in knowledge society through the European Social Fund.
4. **S.Vardali.** PhD was completed in **November 2018.**
   Multi residue method development and validation (LC-PDA and LC-QTOF-MS) for the simultaneous determination of antibiotic residues in sea bass tissues.
   Published articles **9.135, 9.144** and **9.153**.
5. **5. V.Alampanos** PhD was completed in **March 2023.**
   Development and validation of HPLC-DAD methods for the determination of various endocrine disrupting chemicals in biological samples with novel materials and modern sample preparation techniques
   Published articles **9.174, 9.184, 9.187 and 9.204)**

2.6. SUPERVISION OF RESEARCHERS-POST DOC

1. I have supervised Mr I. Sarakatsianos Chemist-Veterinarian during his 6 month training in our lab from 17 Oct. 2011 to 16 April 2012.
2. Post doc researcher Eftichia Karageorgou (Υποτροφία Αριστείας, 2014)
3. Angela Tartaglia (Erasmus Traineeship) from 24/3/18 till 2/6/2018
4. Natasa Kalogiouri Post doc October 2018-

5. PhD Adrian De La Fuentes Ballesteros, (28 February-4 March 2022) Universidad Valladolid Spain.

2.7. MEMBER OF PhD ADVISORY COMMITTEES

1. As lecturer and PhD technical assistant I have participated in the supervision of PhD Thesis of 3 PhD students.
2. Member of PhD advisory committee for **Awad Momen**, Chemistry Department AUTh (2006).
3. Member of PhD advisory committee for **K. Nikolaidou,** Chemistry Department AUTh (2008).
4. Member of PhD advisory committee for **Mohamed Nasir Uddin,** Chemistry Department AUTh (2009).
5. Member of PhD advisory committee for **E.Tolika.** 2011.
6. Member of PhD advisory committee for **M.Irakli** 2012.
7. Member of PhD advisory committee for **Ahmed Abdalla MAnsour Abdalla,**2013.
8. Member of PhD advisory committee for **I.Sarakatsianos** in School of Polytechnics, AUTh.
9. Member of PhD advisory committee for **P.Mourouzis.** Faculty of Dentistry, AUTh.
10. Member of PhD advisory committee for **Th. Chatzimitakos,** Chemistry Department, University of Ioannina.
11. Member of PhD advisory committee for **S. Karampela**, School of Pharmacy, National & Kapodistrian University of Athens
12. Member of PhD advisory committee for **A. Lioupi**, Chemistry Department AUTh.
13. Member of PhD advisory committee for **S. Zacharaki**. Department of Pharmacy, National and Kapodistrian University of Athens.

2.8. MEMBER OF PhD EXAMINATION COMMITTEES

1. **K. Georga**. Department of Chemistry, AUTh (2001).
2. **M. Loukidou**. Department of Chemistry, AUTh (2003).
3. **Z. Loukou**. Department of Chemistry, AUTh (2003).
4. **P. Chatzimichalakis.** Department of Chemistry, AUTh (2004).
5. **E. Gika**. Department of Chemistry, AUTh (2004).
6. **Feras Emad Qanaze**. School of Pharmacy, AUTh (2005).
7. **A. Ioannou**. Department of Chemistry, AUTh (2009).
8. **G. Kaklamanos.** Department of Chemistry, AUTh (2009).
9. **A. Papageorgiou**, Department of Chemistry, AUTh (2009).
10. **Ch. Zisi.** Department of Chemistry, AUTh (2013).
11. **K. Serpi,** Department of Chemistry, AUTh (2013).
12. **D. Fragkou,** School of Health Sciences, Department of Medicine, AUTh (2014)
13. **M. Kouskoura**, School of Health Sciences, Department of Pharmacy, AUTh (2014).
14. **G. Giakisikli**, Department of Chemistry, AUTh (2013).

15. **A. Gkalitsopoulou,** Food Scientist, MSc, Department of Chemistry, University of Ioannina (2014).
16. **K. Mitani,** Department of Chemistry, AUTh (2014).
17.**E. Vouvoudi**, Department of Chemistry, AUTh (2015).
18. **S. Karastogianni**
19. C. Kerezoudi
20. N. Kalogiouri
21. S. Fasoula
22. Trikas Evaggelos
23. Saroyan Hayarpi
24. C. Katsifas
25. Koumoutsa Anastasia
26. A. Nikolaou Cyprus
27. Synaridou 2022 Pharmaceutical Department.

2.9. MEMBER OF POST GRADUATE DIPLOMA THESES

1. **A.Palasatza** (2003). Advanced Chemical Analysis.
2. **K. Nikolaidou** (2005). «“Chemical Analysis-Quality Control”,
3. **A. Tegou** (2005). «“Chemical Analysis-Quality Control”,
4. **D. Alexiadou** (2005). «“Chemical Analysis-Quality Control”,
5. **E. Tsochatzis** (2006). «“Chemical Analysis-Quality Control”,
6. **G. Kaklamanos**. (2006). «“Chemical Analysis-Quality Control”,
7. **A. Pechlivanidou** (2006). ««“Chemical Analysis-Quality Control”.
8. **E.Tolika** (2007). «“Chemical Analysis-Quality Control”.
9. **A. Zitrou** (2007). Physical Chemistry.
10. **E. Alexiadou** (2008). ««“Chemical Analysis-Quality Control”.
11. **E.Karageorgou** (2008«“Chemical Analysis-Quality Control”.
12. **N. Peltekis** (2009). «Chemical Analysis-Quality Control».
13. **V.Vafeiadou** (2009). «“Chemical Analysis-Quality Control”.
14. **E. Noula** (2009). «“Chemical Analysis-Quality Control”.
15. **F.Athanasiadou** (2010) «“Chemical Analysis-Quality Control”.
16. **A.Merou** (2010). «“Chemical Analysis-Quality Control”.
17. **Ch.Christou** (2010). «“Chemical Analysis-Quality Control”.
18. **A. Lagioli (**2010). «“Chemical Analysis-Quality Control”
19. **A. Lyratzi** (2011) «“Chemical Analysis-Quality Control”,
20. **M.Frysali** (2012) ««“Chemical Analysis-Quality Control”.
21. **A.Papadaki** (2012). «“Chemical Analysis-Quality Control”
22. **T. Kikalisvili** (2012). Advanced Chemical Analysis.
23. **A. Titopoulou**(2013). University of Thessaly.
24. **E. Trikas**. (2013), Advanced Chemical Analysis.
25. **S.Vardali**. (2012) «“Chemical Analysis-Quality Control”.
26. **A.Koletti.** 2014. “Chemical Analysis-Quality Control”.
27. **P.Zachariadis** (2015) “Chemical Analysis-Quality Control”.
28. **V.Kazatzi** (2016) “Chemical Analysis-Quality Control”.
29. **M.Lysikatou** (2016) Advanced Chemical Analysis.
30. **S.Charitonos** (2016) “Chemical Analysis-Quality Control”.

31. **M.Petrocheilou** (2016) “Chemical Analysis-Quality Control”.
32**. A. Zachariadis** (2017) Bioanalysis.
33. **O. Gianak**
34. **A.Palodi** (2019) Bioanalysis.
35. **V.Alambanos** (2019) “Chemical Analysis-Quality Control”.
36. **M. Geraniou-Lemou** (2020) “Chemical Analysis-Quality Control”.
37. **A. Ioannidou** (2020) “Chemical Analysis-Quality Control”.
38. **K. Kakamouka** (2020)
39. **A. Dimitriadou** (2020)
40. **E.Lazaridou** (2021)
41. **K. Mazaraki** (2022)
42. **Anna Pekou** (2022)

2.10. SCIENTIFIC COLLABORATION IN GREECE AND OTHER COUNTRIES

1. Network of analytical research–cultural work diagnosis.
2. Laboratory of Basic Dentistry Sciences, Faculty of Dentistry, AUTh.
3. Faculty of Pharmaceutical Technology, School of Pharmacy, AUTh.
4. Laboratory of Toxicology, Medical School AUTh.
5. Laboratory of Zoology, Department of Biology, AUTh.
6. Laboratory of Organic Chemistry, Faculty of Chemical Engineering, AUTh.
7. Institute of Analytical and Food Chemistry, Technical University of Graz, Austria.
8. Laboratory of General and Analytical Chemistry, Technical University of Leoben, Austria.
9. Laboratory of Feed Analysis Laboratory, CVI- Poultry Centre, Zagreb, Croatia.
10. Network of Bioanalysis.
11. Food Innovation & Technology Center, Serbia.
12. Laboratory of Food Industries & Agricultural Industries Technology. School of Chemical Engineering University of Thessaloniki.
13. Chubar Natalia, Glasgow
14. From International Forensic Research Institute, Department of Chemistry and Biochemistry, Florida International University, Miami, FL, USA 2013 I was invited to a collaboration on a new sample preparation material. (FPSE). **Milestone**
15. Food Innovation & Technology Center, Serbia.
16. Universidad de Córdoba, Quimica Analitica Department, Spain.

14. Department of Pharmacy, University “G. d'Annunzio” Chieti-Pescara, Chieti, Italy.
15. National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan.

2.11. DISTINCTION AND RECOGNITION OF SCIENTIFIC WORK

2.11.1 INVITATION FOR REVIEW ARTICLES-CHAPTERS IN BOOKS-PRESENTATIONS AND LECTURES

1. Journal of Liquid Chromatography & Related Technologies, (Publication **8.8**).

2. Mini Reviews in Medicinal Chemistry, (Publication **8.10**).

3. Journal of Separation Science,. (Publication **8.12**).

4. Slides Online Digital library, publication **9.74,** in slides form (*www.slidesonline.org*)

5. Nova Science Publishers, Inc. (Publication **7.19).**

6. Inviation for lecture in June 2006, at the Institute of Analytical Chem,istry and Radiochemistry, Technical University of G|raz, Austria. (**14.2**).

7. Bioanalysis, Future Science Group, (review articles **8.14 and 8.15**).

8. Nova Science Publishers, Inc. Drug Monitoring: Developments, Challenges and Applications." (Soft Cover Book **7.20).**

9. Nova Science Publishers, Inc. Chromatography: Types, Techniques and Methods. (Publication **7.21).**

10. **Bentham Science Publishers,** participation in e-book series under the title **"*Reviews in Pharmaceutical and Biomedical Analysis*"** (Publication **7.23).**

11. Drug Testing and Analysis. (Publication 9.92).

12. Journal of Separation Science. Special Issue on Monoliths. review. Publication **8.20**. This review was selected to be included in the Virtual Issue "Column Technology". Virtual Issues are compiled from published articles and are assembled either by topic or by impact.

13. Current Organic Chemistry. Publication. **8.24**

14. Participation in e-book entitled *Recent Advances in Medicinal Chemistry, Vol. 1,* 2012, 119-164. CHAPTER 5 HPLC and its Essential Role in the Analysis of Tricyclic Antidepressants in Biological Samples. Publication **7.25**

15. Participation in book: *Liquid Chromatography: Principles, Technology and Applications. Nova 2012* "The role of HPLC in the authenticity control of milk and dairy products" by Victoria Samanidou*, Eftichia Karageorgou and Paraskevi Kourti, for the edited collection **7.24.**

16. **Participation in *e-book*** *under the title "Reviews in Pharmaceutical and Biomedical Analysis*" of Bentham Science Publishing. Dr P. D. Tzanavaras,C. K. Zacharis, E-book Editors. **7.23**

17. Participation in book: COFFEE IN HEALTH AND DISEASE PREVENTION. **7.26.**

18. Participation in book: High-Performance Liquid Chromatography (HPLC): Principles, Practices and Procedures. Nova Publishers, 2013. **7.27.**

19. Recent Developments in Drug monitoring by HPLC. NOVA ,2009.

20. Participation in book handbook "Analytical Separation Science, 6 volumes" in cooperation with Wiley-VCH by preparing a book chapter on Volume 1 regarding "LC method development&resolution optimization, including temperature effects". 2013 **(7.28)**

21. Participation in eBook of **Future Science Group** (publisher of *Bioanalysis,* the Future Science series [www.future-science.com] and the Future Medicine series [www.futuremedicine.com]) on "Chromatographic stationary phases: recent advances and novel applications". This ebook reviews key advances in stationary phases, with each chapter focusing on a particular class of phase

22. Participation in eBook of **Future Science Group** (publisher of *Bioanalysis,* the Future Science series [www.future-science.com] and the Future Medicine series [www.futuremedicine.com]) on **Sample extraction techniques for biological samples: recent advances and novel applications**. This ebook reviews key advances in sample extraction techniques for use with biological samples, such as blood and urine, with each chapter focusing on a particular technique.

23. **Participation in** eBook of **Future Science Group** (publisher of *Bioanalysis,* the Future Science series [www.future-science.com] and the Future Medicine series [www.futuremedicine.com]) on **New sampling strategies in pharmacology, toxicology and therapeutic drug monitoring.**
24. On behalf of (Guest) Editors of **Journal of Chromatography A**, Samuel Carda Broch and Paul Haddad, I am invited to contribute a paper to a thematic special issue on *Method Validation.* 2013.
25. **Since 2013 the list is not updated but continued by many invitations for review articles in special issues and chapters in several books.**

3. ACTIVITIES AS PRESIDENT OF GREEK CHEMISTS' ASSOCIATION- REGIONAL DIVISION IN CENTRAL AND WESTERN MACEDONIA

Since December 2015, I have been elected as the President of Steering Committee of the Greek Chemists' Association- Regional Division in Central and Western Macedonia. During this leadership, the Division has organized in collaboration with Aristotle University many events all beneficial to chemists 'society including undergraduate students, post graduate students, PhD candidates and employees.

I have been active as coordinator, chairperson/ member of committees for the organization of many international conferences in Analytical Chemistry, Chemical Education and Environmental Chemistry:

- 22nd Panhellenic Chemistry conference with 700 participants which was also included in the events for the celebration of 90 years of AUTH
  http://22psx2016.blogspot.com/
- 6th and 7th Environmental Conference in Thessaloniki
  http://persynmak.blogspot.com/
- Four Student Chemistry Conferences with 500 participants
  https://1chemauth.wordpress.com/info-in-english/
  https://2chemauth.wordpress.com/info-in-english/
  https://3chemauth.wordpress.com/info-in-english/
  https://4chemauth.wordpress.com/info-in-english/

- 17th INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT which was under the auspices of H.E. THE PRESIDENT OF THE HELLENIC REPUBLIC Thessaloniki, Greece in June 2019, MR. PROKOPIOS PAVLOPOULOS http://icce2019.org/

I was member of the National Committee of selection of the best video for the Chemistry Rediscovered contest which intended to promote chemistry among young high-school students from all Europe. The competition was in two stages: a first national selection of the two best teams, performed by the chemical society of each country; and a second stage, where the best national representatives will dispute the EYCN award. Actually one team of the selected proposals was awarded the second place.

file:///C:/Users/victo/Downloads/669-CHEMISTRY_REDISCOVERED.pdf

It was after my suggestion to the Steering Committee of the Association of Greek Chemists that the Association decided to submit 4 proposals for Historical Landmarks project. The industrial complex of ABEA in Crete has been awarded the EuChemS Historical Landmarks Award in recognition of its role in fostering a deep link between chemistry and local cultural heritage in 2018. It was after my proposal that in 2020 the Cannabis Factory in Edessa was awarded the 2019 award.

https://www.euchems.eu/awards/euchems-historical-landmarks/

During my Presidentship in co-operation with EYCN European Young Chemists´ Network of EuChemS (European Chemistry Society) The Treasure Hunt project was organized. It was run by the ReAcTiON team – undergraduate students of Chemistry of AUTH (Aristotle University of Thessaloniki). The aim was to bring the participants closer to the history and practice of chemistry. The "Treasure Hunt" project was under the aid of the Aristotle University of Thessaloniki, the Department of Chemistry of AUTH, the Association of Greek Chemists (AGC) in Thessaloniki and the Association of Chemists in Northern Greece.

https://www.euchems.eu/divisions/european-young-chemists-network/references/

Under my leadership the Division of Association of Greek Chemists Two coordinated the participation of groups of chemists in the Researchers' Night 2017, 2018 and 2019 in collaboration with EKETA-CERTH.

Two Career Days 2017 and 2018 under the name Career Opportunities for young chemists, with speakers from the European Young Chemists Network EYCN -EuChemS), the International Younger Chemists Network (IYCN – IUPAC), the European Food Safety Authority (EFSA), the Young Division of the American Chemical Society (ACS) and the Aristotle University of the Thessaloniki Career Office.

https://2chemauth.wordpress.com/2018/07/07/career-day/

Professional Employment Days (in 2016, 2017, 2018, 2019, 2020, 2021) with invited chemists from several areas in order to provide information to the students with regards to their future career.

Since January 2021 I am Leader of Working Group 1 Science and Fundamentals of EuChemS-DAC Sample Preparation Study Group and Network
https://www.sampleprep.tuc.gr/en/working-groups/wg1-science-and-fundamentals

I was member of Scientific Committee **of the 1st European Sample Preparation e-Conference**, an event supported by the European Chemical Society. **11 - 12 March, 2021**.

4. GUEST EDITOR OF SPECIAL ISSUES

I have served as Guest editor or co-guest editor in 25 Special Issues of **mdpi scientific journals**:

Journal	Special Issue Title	Guest Editors
Molecules	Special Issue Dedicated to the 60 Years of the Laboratory of Analytical Chemistry of the School of Chemistry of the Aristotle	Dr. Paraskevas D. Tzanavaras

Journal	Special Issue Title	Guest Editors
	University of Thessaloniki	Prof. Dr. Victoria Samanidou
Separations	Feature Paper Collection in Section Chromatographic Separations	Prof. Dr. Victoria Samanidou Dr. Evroula Hapeshi
Molecules	Sample Preparation-Quo Vadis: Current Status of Sample Preparation Approaches-3rd Edition	Prof. Dr. Victoria Samanidou Prof. Dr. Irene Panderi
Separations	Women in Separations	Prof. Dr. Victoria Samanidou Dr. Natasa Kalogiouri Dr. Maria Touraki
J	Research as an Ongoing Development Perspective 2022	Prof. Dr. Victoria Samanidou Dr. Adamantini Paraskevopoulou Dr. Dimitrios Giannakoudakis Dr. Stella A. Ordoudi
MPs	Women's Special Issue Series: Analytical Methods	Prof. Dr. Victoria Samanidou Prof. Dr. Verónica Pino Dr. Natasa Kalogiouri
MPs	Analytical Methodologies in Food Authenticity and Traceability	Prof. Dr. Victoria Samanidou Dr. Natasa Kalogiouri
Separations	State of the Art in Separation Science	Prof. Dr. Victoria Samanidou
Molecules	Sample Preparation-Quo Vadis: Current Status of Sample Preparation Approaches-2nd Edition	Prof. Dr. Victoria Samanidou Prof. Dr. Irene Panderi
Materials	Advanced Graphene and Graphene Oxide Materials	Prof. Dr. Victoria Samanidou Prof. Dr. Eleni Deliyanni
Molecules	Chromatography–the Ultimate Analytical Tool II	Prof. Dr. Victoria Samanidou Dr. Natasa Kalogiouri
Molecules	Chromatography-the Ultimate Analytical Tool	Prof. Dr. Victoria Samanidou Dr. Natasa Kalogiouri
Analytica	Analytical and Applied Chemistry: the challenges and opportunities for growth in the 21st century	Dr. Marcello Locatelli Prof. Dr. Victoria Samanidou Dr. Roberto Mandrioli Dr. Thomas W. Bocklitz
Molecules	Solid Phase Microextraction: Going Greener in Sample Preparation-A Themed Honorary Issue to Prof. Janusz Pawliszyn	Prof. Dr. Victoria Samanidou Dr. Constantinos K. Zacharis
Molecules	Metal Organic Frameworks: Synthesis and Application II	Prof. Dr. Victoria Samanidou Prof. Dr. Eleni Deliyanni
Sustainability	Environmental Aspects in Greece—A Multidisciplinary Approach	Prof. Dr. Victoria Samanidou

Journal	Special Issue Title	Guest Editors
		Prof. Dr. Eleni Deliyanni Prof. Dr. Dimitra Voutsa
Molecules	Analytical Aspects in Environmental Pollution Monitoring	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. Dr. Irene Panderi
Molecules	Advances in Chemical Analysis Procedures (Part II): Statistical and Chemometric Approaches	Dr. Marcello Locatelli Dr. Angela Tartaglia Prof. Dr. Dora Melucci Prof. Dr. Abuzar Kabir Prof. Dr. Halil Ibrahim Ulusoy Prof. Dr. Victoria Samanidou
Molecules	Advances in Chemical Analysis Procedures (Part I): Extraction and Instrument Configuration	Dr. Marcello Locatelli Dr. Angela Tartaglia Prof. Dr. Dora Melucci Prof. Dr. Abuzar Kabir Prof. Dr. Halil Ibrahim Ulusoy Prof. Dr. Victoria Samanidou
Separations	The Key Elements in the Research Driven Development	Prof. Dr. Victoria Samanidou Prof. Dr. George Zachariadis Dr. Michael A. Terzidis Dr. Adamantini Paraskevopoulou
Separations	Five Years of Separations: Feature Paper 2018	Prof. Dr. Victoria Samanidou Prof. Dr. Rafael Lucena
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	Application of Separation Technology in Chemistry	Prof. Dr. Victoria Samanidou Prof. Dr. George Zachariadis
Molecules	Selected Papers from the 1st Aristotle Conference on Chemistry: Advances and Challenges in Chemistry	Dr. Mantzouridou Fani Prof. Dr. Victoria Samanidou Prof. Dr. Thodoris Karapantsios

Special Issues: 26

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

4.1. CHAIR WEBINAR IN SAMPLE PREPARATION

In COVID period I was invited by Molecules/mdpi Chair inWEBINAR 12/6/2020, speakers V.Samanidou, A. Kabir, Y. Pico and R. Lucena
https://molecules-1.sciforum.net/#webinar_registration
https://molecules-1.sciforum.net/#webinar_content

1. Από το Περιοδικό Molecules/mdpi μου ανατέθηκε η διοργανωση διαδικτυακού σεμιναρίου WEBINAR 12/6/2020, speakers V.Samanidou, A. Kabir, Y. Pico and R. Lucena
https://molecules-1.sciforum.net/#webinar_registration
https://molecules-1.sciforum.net/#webinar_content

2. Από το Περιοδικό Molecules/mdpi μου ανατέθηκε η διοργανωση διαδικτυακού σεμιναρίου WEBINAR 17/11/2021
https://molecules-24.sciforum.net
https://molecules-24.sciforum.net/#webinar_content

4.2 HONORIAL AWARDS

1. 3rd Conference: Trends in Sample Preparation, TRISP, Graz, Austria (June 26-30, 2007) our poster won the 2nd prize award.
2. Publication **9.54** was ranked at **14th** place among the TOP25 articles of J. Chromatography B July-Sept. 2004.
3. Review article **8.9** was ranked at the **5th** place of (Most accessed articles in 11/2007 of the Journal of Separation Science.).
4. In January 2009 I was ranked at the **23rd** place of 30 top authors, experts in SPE, in BiomedExperts database.
5. Our review article **8.13** was included in TOP CITED ARTICLES of SEPARATION PURIFICATION REVIEWS.

6. Our research article **9.86** entitled 'HPLC method for simultaneous determination of 1,4-Benzodiazepines and Tricyclic Antidepressants in pharmaceutical formulations and saliva- a useful tool in medicinal chemistry' published in ***J. Liq. Chromatogr. Rel. Technol.*** 32, 1475-1504**, 2009,** has won the research award 2009 given by Bangladesh University Grand Commission (UGC). Bangladesh University Grand Commission (UGC) is the high authority who controls the more than 30 public and more than 30 private Universities in Bangladesh.

7. Included in top 50 power list of women in Analytical Science.
Welcome to the 2016 Power List and the Top 50 most influential women in the analytical sciences.
https://theanalyticalscientist.com/power-list/the-power-list-2016/

8. Two publications published in Journal of Separation Science, are among the top 10% most downloaded papers!
Simultaneous determination of selected estrogenic endocrine disrupting chemicals and bisphenol A residues in whole milk using fabric phase sorptive extraction coupled to HPLC-UV detection and LC-MS/MS
Novel capsule phase microextraction in combination with high performance liquid chromatography with diode array detection for rapid monitoring of sulfonamide drugs in milk

9. Among work published between January 2018 and December 2019, my work received some of the most downloads in the 12 months following online publication. 30/4/2020

10. Leader of Working Group 1 Science and Fundamentals of EuChemS-DAC Sample Preparation Study Group and Network
EuChemS-DAC Sample Preparation Study Group and Network
https://www.sampleprep.tuc.gr/en/working-groups/wg1-science-and-fundamentals

11. In 2021 included in the "The Analytical Scientist" 2021 Power List of top 100 influential people in analytical science.
https://theanalyticalscientist.com/power-list/2021

12. https://expertscape.com/ex/solid+phase+extraction

13. https://expertscape.com/ex/chromatography%2C+high+pressure+liquid

14. 2% Oct 2021

15. AD ranking

https://www.adscientificindex.com/?university=Aristotle+University+of+Thessaloniki

16. RESET I Invitation to be included in digital campaign International Day of Women and Girls in science I 11 February 2022

4.3 AWARDS AND DISTINCTIONS OF MY STUDENTS

1. Scholarship for Excellence 2009 E.Evaggelopoulou.
2. Scholarship for Excellence 2010 E.Karageorgou.
3. Scholarship for Excellence 2012 E.Karageorgou.
4.Post Doc Scholarship for Excellence 2014 Dr. E.Karageorgou

https://www.auth.gr/video/23360

4.4 RECOGNITION OF TUTORIAL WORK IN OTHER UNIVERSITIES IN GREECE AND CYPRUS

Tutorial book **of Instrumental Chemical Analysis (7.8)** is also distributed in:

1. University of Cyprus
2. School of Pharmacy in Patras
3. Technological Educational Institute of Athens, Department of Oenology.
4. Technological Educational Institute of Athens, Department of Food Technology.
5. Technical University of Crete.
6. University of Thrace, Agricultural Development.
7. Technological Educational Institute of Kalamata
8. Department of Chemical Engineering, AUTh
9. Technological Educational Institute of Kavala, Petrochemicals.
10. Technological Educational Institute of Kavala, Drama, Oenology

4.5 ARTICLE REVIEWING FOR SCIENTIFIC JOURNALS

Reviewer of **725** research/review articles for **154** international scientific journals:

1. Water, Air and Soil Pollution, Kluwer Academic Publishers: (4 research articles).
2. Journal of Separation Science, Wiley Interscience: (50 research articles).
3. Rapid Communications in Mass Spectrometry, Wiley Interscience: (2 research articles).
4. Talanta, Elsevier (38 research articles).
5. Journal of Chromatography B, Elsevier (44 research articles).
6. Analytica Chimica Acta, Elsevier (19 research articles).
7. Journal of Chromatography A, Elsevier (41 research articles).
8. The **Journal of AOAC International**, (11 research articles).
9. Bioanalysis, Future Science Group Ltd, (30 research articles).
10. Journal of the Serbian Chemical Society, (10 research articles).
11. Journal of Pharmaceutical Innovation, Springer (1 research article).
12. Aquaculture, Elsevier (1 research article).
13. Recent Patent on Chemical Engineering, Bentham Science Publisher (1 research article).
14. Analytical Methods, RSC, (11 research articles).
15. Chromatographia, Springer, (8 research articles).
16. Collection of Chechoslovak Chemical Communications (Institute of Organic Chemistry and Biochemistry of the Academy of Sciences of the Czech Republic), (1 research article).
17. Analytical Letters, Taylor and Francis, (10 research articles).
18. Central Europe Journal of Chemistry, Versita, co-published with Springer Verlag (8 research articles).

19. **Sensors** (http://www.mdpi.com/journal/sensors/) MDPI's open access journals. (1 research article).
20. **TURKISH JOURNAL OF CHEMISTRY** (3 research articles).
21. **Chemistry Today,** Teknoscienze (1 research article).
22. **The Arabian Journal For Science and Engineering A-Science -** (1 research article).
23. **Chemosphere**, Elsevier (3 research articles).
24. **Clinical Chemistry and Laboratory Medicine,** Walter de Gruyter, Berlin, New York (2 research articles).
25. **Food Chemistry** Elsevier (32 research articles).
26. **Journal of Liquid Chromatography & Related Technologies**, Taylor and Francis (23 research articles).
27. **Food control,** Elsevier (2 research articles).
28. **Instrumentation Science & Technology,** Taylor and Francis, (2 research articles).
29. **JZUS-B** (Biomedicine & Biotechnology) Journal of Zhejiang University-SCIENCE B. BJZUS Springer. (2 research articles).
30. **Food Analytical Methods**, Springer, (23 research articles).
31. **African Journal of Biotechnology**, Academic Journals, (1 research article).
32. **Aquaculture Research**, Wiley (2 research articles).
33. **Pakistan Journal of Analytical Chemistry** (4 research articles).
34. **Journal of Saudi Chemical Society**. (1 research article).
35. **Current Analytical Chemistry**, Bentham, (14 research articles).
36. **Chromatography Research International,** SAGE-Hindawi (2 research articles).
37. **Arabian Journal of Chemistry,** Elsevier (5 research articles).
38. **J. Biol. Research,** Aristotle University of Thessaloniki (1 research article).
39. **Biotechnology Research International,** SAGE-Hindawi (1 research article).
40. **Separation Science and Technology**, Taylor and Francis, (2 research articles).
41. **Current Pharmaceutical Analysis**, Bentham, (21 research articles).
42. **Trends in Analytical Chemistry,** Elsevier (21 research articles).
43. **Records of Natural Products, ACG Pubs,** (1 research article).
44. **Czech Journal of Food Sciences**, Czech Academy of Agricultural Sciences and financed by the Ministry of Agriculture of the Czech Republic (1 research article).
45. **Journal of Pharmaceutical and Biomedical Analysis,** Elsevier (10 research articles).
46. **European Food Research and Technology**, Springer (1 research article).
47. **Ionics,** Springer (2 research articles).
48. **International Journal of Molecular Sciences, Open access** (2 research articles).
49. **Biomedical Chromatography** Wiley Interscience (9 research articles).
50. **International Journal of Analytical Chemistry,** Hindawi (8 research articles).
51. **Journal of Food Science,** Wiley Interscience (6 research articles).
52. **Analytical Chemistry Insights. Libertas Academica** (1 research article).
53. **Journal of Analytical Methods in Chemistry. Hindawi** (8 research articles).
54. **Acta Chromatographica** (1 research article).
55. **Journal of Young Pharmacists,** Elsevier (1 research article).
56. **Open Journal of Analytical Chemistry Research**, SciKnow Publications (research article).
57. **European Journal of Lipid Science and Technology,** Wiley Interscience (4 research articles).

58. **Future Science Group,** ebook entitled “Advanced LC-MS applications in bioanalysis”. 1 chapter.
59. **Future Science Group,** ebook entitled “Chromatographic stationary phases: recent advances and novel applications”. (2 chapters).
60. **Journal of Industrial and Engineering Chemistry.** Elsevier (2 research articles).
61. **International Journal of Mass Spectrometry,** Elsevier (1 research article).
62. **International Journal of Environmental Analytical Chemistry**, Taylor and Francis, (4 research articles).
63. **Fresenius Environmental Bulletin**, PSP Parlar Scientific Publications, (1 research article).
64. **Bioinorganic Chemistry and Applications**, SAGE-Hindawi (1 research article).
65. **Journal of Taibah University for Science,** Elsevier (1 research article).
66. **Scientia Pharmaceutica,** The Austrian Journal of Pharmaceutical Sciences (1 research article).
67. **Small Ruminant Research**, Elsevier (1 research article).
68. **Austin Journal of Analytical and Pharmaceutical Chemistry** (2 research articles).
69. **International Dairy Journal,** Elsevier (2 research articles).
70. **Chromatography Open Access mdpi** (1 research article).
71. **Pharmaceutical Bioprocessing,** Future Science Group Ltd, (1 research article).
72. **Meat Science,** Elsevier (2 research articles).
73. **Chromatography,** Austin (2 research articles).
74. **American Journal of Advanced Food Science and Technology**, Columbia International Publishing (CIP) (3 research articles).
75. **RSC Advances**, Royal Society of Chemistry (3 research articles).
76. **Journal of Agriculture and Food Chemistry**, American Chemical Society, ACS (5 research articles).
77. **SOJ Chromatographic Science** (1 research article).
78. **Journal of Science of Food Agriculture**, Wiley (2 research articles).
79. **Molecules,** mdpi (23 research articles).
80. **Current Medicinal Chemistry**, Bentham, (1 research article).
81. **Trends in Food Science and Technology**, Evise, Elesevier, (3 research articles).
82. **Reviews in Analytical chemistry**, De Gruyter, (3 research articles).
83. **Chromatography/Separations** mdpi (academic reviewer, 3 research articles)
84. **Journal of Nutritional Health & Food Science** (Symbiosis, 2 research articles)
85. **Journal of Chromatographic Science**, Oxford, (2 research article).
86. **Scandinavian Journal of Clinical & Laboratory Investigation,** (1 research article).
87. **The Open Access Journal of Science and Technology,** Agial Publishing House, (2 research articles).
88. **Journal of Microbiological Methods,** Elsevier (1 research article).
89. **Open Pharmaceutical Sciences** (PHARMSCI) Bentham, (1 research article).
90. **Journal of Nanostructure in Chemistry,** Springer (1 research article).
91. **Journal of Residuals Science & Technology, A SCI INDEXED JOURNAL**, (1 research article).
92. **Journal of Veterinary Pharmacology and Therapeutics,** Wiley (2 research articles).
93. **Drug Testing and Analysis,** Wiley (1 research article).

94. NFS nutrition food. EVISE Elsevier, (1 research article).
95. Journal of the Hellenic Veterinary Medical Society, (4 research articles).
96. Natural Product Research, Taylor and Francis (2 research articles).
97. Environmental Technology, Taylor and Francis (1 research article).
98. Journal of Environmental Chemical Engineering, (Elsevier) (1 research article).
99. Biochemistry Research International, Hindawi, (1 research article).
100. BioMed Research International, Hindawi, (1 research article).
101. PLOS One, (PLOS, org), (3 research articles).
102. SOJ Pharmacy and Pharmaceutical Sciences Symbiosis Group,
103. JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH, PART B Pesticides, Food Contaminants, and Agricultural Waste (Taylor and Francis). www.tandfonline.com/LESB (1 research article).
104. Journal of the Chemical Society of Pakistan (2 research articles).
105. LWT - Food Science & Technology (Elsevier) (1 research article).
106. Journal of Applied Research on Medicinal and Aromatic Plants, (Elsevier) (2 research articles).
107. Evidence-Based Complementary and Alternative Medicine, Hindawi, (1 research article).
108. Analytical Chemistry, ACS, (4 research articles).
109. Beverages, mdpi (1 research article).
110. Materials, mdpi (1 research article).
111. Journal of Forensic Sciences and Digital Investigation. NorCal Open Access Publications (1 research article).
112. Frontiers in Pharmacology, section Ethnopharmacology (3 research articles).
113. Journal of Applied Bioanalysis, Betasciencepress Publishing (1 research article).
114. Biotechnology Progress, Wiley (1 research article).
115. Algal research, Elsevier (1 research article).
116. Journal of Food Safety, Wiley (1 research article).
117. Journal of Dairy Sceince, Official Publication of the American Dairy Science Association (1 research article).
118. Journal of Proteome Research, American Chemical Societry (2 research articles).
119. Foods, mdpi (15 research articles).
120. Reviews in Separation Sciences, Betasciencepress (2 research articles).
121. Environmental Research, Elsevier, (1 research article)
122. Inorganic and Nano-Metal Chemistry, Taylor and Francis (1 research article).
123. Chemical Papers, Springer (4 research articles).
124. International Journal of Cosmetic Science, Wiley (2 research articles).
125. Food addititives and contaminants, Taylor and Francis (2 research articles).
126. Journal of Food Composition and Analysis, Elsevier, (5 research articles).
127. Microchemical Journal, Elsevier, (21 research articles).
128. Microchimica Acta, Springer, (3 research articles).
129. Journal of Hazardous Materials, Elsevier, (2 research articles).
130. Critical Reviews in Food Science and Nutrition, Taylor and Francis, (1 research article).
131. Journal of Advanced Research, Elsevier, (1 research article).
132. Electrophoresis, Wiley, (1 research article)
133. Processes, mdpi (2 research articles).

134. Analytical, Bioanalytical Chemistry, Springer (2 research articles).
135. Food and Bioproducts Processing, Elsevier, (2 research articles).
136. European Journal of Oral Sciences, Wiley, (1 research article).
137. SN Applied Sciences, Springer, (2 research article2).
138. Critical Reviews in Analytical Chemistry, Taylor & Francis (1 research article).
139. Journal of Molecular Liquids, Elsevier, (1 research article).
140. Food Science & nutrition, Wiley, (1 research article).
141. Chemistry Africa, Springer (1 research article).
142. Applied Materials & Interfaces, ACS (1 research article).
143. CLEAN - Soil, Air, Water, WleyVCH, (1 research article).
144. Chinese Journal of Analytical Chemistry, Elsevier, (1 research article).
145. Environmental Science and Pollution research, Springer, (1 research article)
146. Journal of Electroanalytical Chemistry Elsevier, (2 research articles).
147. Toxin Reviews, Taylor and Francis, (1 research article).
148. Monatshefte für Chemie - Chemical Monthly (1 research article).
149. Advances in Sample Preparation, Elsevier, (5 research articles).
150. Environment Interanational, Elsevier, (1 research article).
151. Trends in Environmental Analytical Chemistry, Elsevier, (3 research articles).
152. Acta Poloniae Pharmaceutica - Drug Research, (2 research articles).
153. WIREs Forensic Science WleyVCH, (1 research article).
154. Environmental Pollutants and Bioavailability, Taylor & Francis (1 research article).

4.6 EDITORIAL BOARD

1. Pharmaceutica Analytica Acta OMICS Publishing Group (2011-2022)
   Editor in Chief Pharmaceutica Analytica Acta, since 2017-2022.

2. American Journal of Advanced Food Science and Technology Columbia International Publishing (CIP) (2012-).

3. Journal of Applied Biopharmaceutics and Pharmacokinetics (2013-)
http://www.phaps.com/pubs/editorial-board-jabp/

4. The Open Access Journal of Science and Technology (OAJoST). June 2013.

5. International Advisory Board Pakistan Journal of Analytical and Environmental Chemistry, National Centre of Excellence in Analytical Chemistry, University of Sindh, Pakistan, Open Access Journal (2014-.

6. Pharmacologia (2014- http://www.pharmacologia.co.uk/index.php
ISSN 2044-4648

7. Journal of Analytical and Pharmaceutical Chemistry, Austin Publishing Group. (2014-

8. Biointerface research in Applied Chemistry, (2014-) Open Access Journal, ISSN 2069-5837

9. Former SOJ Symbiosis Chromatographic Science (2015-2017) Now International Journal of Analytical Techniques (2017-

10. Current Analytical Chemistry, Bentham (2015-) *Regional editor*
http://benthamscience.com/journals/current-analytical-chemistry/editorial-board/

11. Journal of Applied Bioanalysis, (2016) Betasciencepress Publishing *Associate editor*

12. Journal of Bioanalytical techniques (2016) SciForschen.
http://sciforschenonline.org/journals/bioanalytical-techniques/demo/sci-logo.png
http://thescientificpages.org/page/biological-science/ebj.php?jid=chromatography-and-spectroscopy

13. Separations, mdpi (2017-
http://www.mdpi.com/journal/separations/editors
Associate editor of Separations mdpi Νοεμβριος 2020-
https://www.mdpi.com/about/announcements/2178

14. Portico Journal of Chemistry, Portico Science, http://porticoscience.com/editorial-board-members/

15. Molecules, mdpi Section Analytical Chemistry
http://www.mdpi.com/journal/molecules/sectioneditors/Analytical_Chemistry

16. Reviews in Separation Science. Betascience press 2018-
https://betasciencepress.com/index.php/for-authors/reviews-in-separation-sciences/editorial-board-reviews-in-separation-sciences

17. Review Editor, Frontiers in Ethnopharmacology
www.frontiersin.org
https://www.frontiersin.org/journals/pharmacology/sections/ethnopharmacology/search?query=samanidou#editors

18. Academic Editor in Eurasian Journal of Analytical Chemistry (EJAC).(2018-
http://www.eurasianjournals.com/Editorial-Office,927.html

19. International Journal of Analytical Chemistry, Hindawi Academic Editor till 2023
https://www.hindawi.com/journals/ijac/editors/

20. Methods and Protocols, mdpi.
http://www.mdpi.com/journal/mps/editors

21. Sci, mdpi
https://www.mdpi.com/journal/sci/editors

22. Advances in Chemical Research, Lidsen Publishing Inc.
http://www.lidsen.com/journals/acr/acr-editorial-board

23. Current Pharmaceutical Analysis
https://benthamscience.com/journals/current-pharmaceutical-analysis/editorial-board/

24. Analytica mdpi, Section Editor-in-Chief of Chromatography
https://www.mdpi.com/journal/analytica/editors, *

25. Encyclopedia Journal mdpi https://www.mdpi.com/journal/encyclopedia/editors

26. Archives of Natural Biological Research https://www.archnatbiores.com/editorial-board

27. Current Chromatography, Bentham 2021

28. Chemistry in Europe Newsletter (EuChemS) 2021-2022

https://www.euchems.eu/newsletters/chemistry-in-europe-2021-2/colophon/

29. Advances in Sample Preparation, Elsevier (2021)

https://www.journals.elsevier.com/advances-in-sample-preparation

30. Review editor in Food Characteriszation. Frontiers in Food Science and Technology (Sept 2021).

My Frontiers | Overview (frontiersin.org)

31. Peer J till 2022

32. Journal of Applied Bioanlaysis Pharmaceutical Analysis – Small Molecules, Section Editor
https://betasciencepress-publishing.com/editorial-board-journal-of-applied-bioanalysis/

4.7 EVALUATOR OF PhD THESES IN OTHER COUNTRIES

1. Amber Rehana Solangi "Development of new analytical methods for 4-quinolone antibacterials and cephalosporin antibiotics", **University of Sindh Jamshoro, Pakistan (May 2007).**

2. Arfana Begum Mallah "Development of new analytical procedures for simultaneous determination of various metal ions using capillary electrophoresis" **University of Sindh Jamshoro, Pakistan (April 2011).**

3. Huma Ishakue (September 2014): "Molecularly Imprinted polymer-matrix for the determination and removal of eselcted trace organic contaminants from water systems". Pakistan.

4. **Rizwan Ali Zourn (June 2018).** Gas Chromatographic Determination of Guanidino Compounds Using β-diketones and ethyl chloroformate as derivatizing reagents in biological fluids and pharmaceutical preparations.

4.7b Member or 3 member committee examination panel

1. Maria Teresa Garcia Valverde, University of Cordoba 21/11/18

4.7 c Member of the judging panel of the "PeerJ Open Chemistry Awards"

Member of the judging panel of the "PeerJ Open Chemistry Awards" alongside the Nobel Laureates Bruce Beutler and Kurt Wuthrich. April 2019.

4.7d Member of Evaluation Committee for Best Paper Award 2019 and Outstanding Reviewer Award 2019, Separations, mdpi, November 2019.

4.8 MEMBER OF BEST VIDEO COMMITTEE

2017 Chemistry Rediscovered. Organised by the Association of Greek Chemists.

4.9 Member of European Chemical Society-Division of Analytical Chemistry (EuChemS-DAC) Task Force on Sample Preparation

Member of European Chemical Society-Division of Analytical Chemistry (EuChemS-DAC) Task Force on Sample Preparation since October 2019.

4.10 Leader of WG1 Group of European Chemical Society-Division of Analytical Chemistry (EuChemS-DAC) Study Group on Sample Preparation since January 2021.

4.11. SCIENTIFIC COLLABORATION IN GREECE

1. Network of analytical research–cultural work diagnosis.
2. Laboratory of Basic Dentistry Sciences, Faculty of Dentistry, AUTh.
3. Faculty of Pharmaceutical Technology, School of Pharmacy, AUTh.
4. Laboratory of Toxicology, Medical School AUTh.
5. Laboratory of Zoology, Department of Biology, AUTh.
6. Laboratory of Organic Chemistry, Faculty of Chemical Engineering, AUTh.
7. Institute of Analytical and Food Chemistry, Technical University of Graz, Austria.
8. Laboratory of General and Analytical Chemistry, Technical University of Leoben, Austria.
9. Laboratory of Feed Analysis Laboratory, CVI- Poultry Centre, Zagreb, Croatia.
10. Network of Bioanalysis.

4.12 EVALUATOR OF RESEARCH PROPOSAL ABROAD

1. From Estonian Research Council (ETAg) I was asked to evaluate a refund proposal. 14-11-2012.
2. Cyprus 2014 July.
3. From Estonian Research Council (ETAg) I was asked to evaluate a refund proposal. 1-7-2015.
4. From Estonian Research Council (ETAg) I was asked to evaluate 2 refund proposals. 2016.
5. Czech Science Foundation, the main public funding agency in the Czech Republic supporting all areas of basic research. We kindly request your participation in our review process. Considering your experience and outstanding scientific contribution, we would be honoured if you would accept our invitation to review the project proposal No. 20-19297S entitled:
   Nanofibrous polymers with restricted access materials functionality for the on-line chromatographic extraction of complex samples 9-6-2019
6. Cyprus 2019
7. Cyprus 2020

4.13 TRAVEL AWARD EVALUATION COMMITTEE

1. Separations 2020--2021 Travel Award Application deadline has expired. We would like invite you as the chairman of Evaluation Committee. (2021)

4.14 MEMBER OF BEST POSTER EVALUATION COMMITTEE

1. *8th Aegean Analytical Chemistry Days (AACD2012),* September 16-20, 2012 on the IZTECH campus, Izmir.
2. 8th IMA (Sept. 15-19 2013) in two 2 poster sessions.
3. 22ο ΠΣΧ (2-4 Δεκεμβριου) Member of the evaluation committee.

4.15 MEMBER OF BEST VIDEO COMMITTEE

2017 Chemistry Rediscovered. Organised by the Association of Greek Chemists.

4.16 MEMBER OF SCIENTIFIC COMMITTEES OF CONFERENCES

1. Member of the Organising Committee of the 3rd, 4th and 5th Seminar for the Protection of the Environment, organized by the Laboratory of Environmental Pollution Control, GOTHE Institute and Municipality of Thessalloniki in 1984, 1985 and 1986.
2. Member of Organising Committee for the celebration of 50 years of Chemistry Department. (1992)
3. Member of the Organising Committee COMETT, (training Seminar for chemists, entitled "Agrofood and Pharmaceutical Quality Control (1994).
4. Participation in organising and training of teachers of chemistry organised by the Laboratory of Analytical Chemistry. (1999)
5. Member of Organizing Committee of the 1st Environmental Conference of Macedonia, in Thessalloniki. (2002)
6. Member of Organizing Committee and Secretariat of the 3rd International Conference: Instrumental Methods of Analysis. Modern Trends and Applications. Thessaloniki (2003).
7. Member of Organizing Committee and Secretariat of 5th Aegean Analytical Chemistry Days. Thessaloniki (2006).
8. 8th AACD, Izmir, Turkey, 2012.
9. 6th Black Sea Basin Conference on Analytical Chemistry (6BBAC), (2013). http://www.6bbcac.org/
10. IMA 2013 Thessaloniki, Greece, September 2013.
11. 16th International Symposium on Advances in Extraction Technologies (ExTech2014), 25-28 May 2014 Chania, Crete, Greece.
12. 9th AACD, Chios, Greece, 2014.
13. 12th Greece-Cyprus conference 2015. Analytical session co-ordinator.
14. 10th AACD, Cannakale, Turkey, 2016.

15. 22nd Greek Chemistry Society conference, Thessaloniki 2016.
16. IMEKOFOODS 2017
17. IMA 2017
18. 1st 2nd 3rd and 4th Chemistry conference of postgraduate students in Aristotle University of Thessaloniki, 20217, 2018, 2019 and 2021 Chair of this conference series.
19. 13ο Cyprous Greece Chemistry Conference 2019
20. Ρουμανια
21. 7ο Environmental conference in Macedonia, Greece, 2020
22. Member of the Scientific Committee and Organising committee of the 8th Metrology conference.
23. Member of the Scientific Committee of the 11th European Conference on Pesticides and Related Organic Micropollutants in the Environment & the 17th Symposium on Chemistry and Fate of Modern Pesticides, for next year on June 13-16, 2021. Preveza, Greece.
24. **1st European Sample Preparation e-Conference**, an enent supported by the European Chemical Society. **11 - 12 March, 2021**. Member of Scientific Committee.
25. ICCE 20219
26. IMA 12th 2021 both organizing and scientific committee.
27. **9th IUPAC International Conference on Green Chemistry (9th ICGC)**, that will take place in **Athens, Greece, on 5-9 September 2022 offering the choice of on-line participation.**
28. **8th Metrology**
29. 11th EUROPEAN CONFERENCE ON PESTICIDES AND RELATED ORGANIC MICROPOLLUTANTS IN THE ENVIRONMENT & THE 17th SYMPOSIUM ON CHEMISTRY AND FATE OF MODERN PESTICIDES - DEPARTMENT OF CHEMISTRY SCHOOL OF SCIENCES - UNIVERSITY OF IOANNINA & INSTITUTE OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT - UNIVERSITY RESEARCH CENTER OF IOANNINA (noreply@conferre.gr) - 2021-12-29 1532

5. ADMINISTRATIVE DUTIES

5.1. MEMBER OF VARIOUS COMMITTEES

1. Member of a Special Administrative Committee of Nanosciences-Nanotechnology, Postgraduate Sudies, 2003-2004.
2. Member of coordination Committee of Postgraduate studies: Chemical Analysis-Qiuality control, 2003-today.
3. Member of Reagens storage Committee of The Chemistry Department, 2003-2006.
4. Member of Evaluation Committee for the Educational Procedure of Department of Chemistry, 2004-2006.
5. Member of the Security and Hygiene of Department of Chemistry, 2005-2006.
6. Member of General Assembly of Chemistry Department, 2009-2010.
7. Member of committee for supplies of the Laboratory of Analytical Chemistry, 1996-today.

8. Responsible for financial affairs and budget administration of Laboratory of Analytical Chemistry, 1996-2004.
9. Member of various committees for Research Committee of AUTh.
10. Member of Special Administrative Committee of Postgraduate studies: Chemical Analysis-Quality control, 2015-today.
11. Committee of the School of Sciences Gender and equality 2018, 2019, 2020, 2021, 2022.
12. Member of the five-member co-ordination committee of the new post graduate studies program. (2018-2020, 2020-2022)
13. Director of the Laboratory of Analytical Chemistry 2019-
14. Member of Committee for Ethics in Research of the Aristotle University 2021-2023.
15. Member of KEDEK Committee. AUTH. 30-11-21 till 30-11-22.
16. Vice president of the School of Chemistry 2022-

5.2. EVALUATION COMMITTEES FOR THE PROMOTION OF UNIVERSITY PROFESSORS.

Member of several evaluation committes for the promotion of University Professors.

5.3 ORGANISING OF LABORATORY PRACTICE AND COURSES

1. Responsible for the laboratory practice of Qualitative Chemical Analysis, Department of Chemistry, 2000-2010.
2. Responsible for the laboratory practice of Instrumental Chemical Analysis, Department of Chemistry, 2003-today.
3. Participation in the formation of topics and laboratory exercises as well as responsible for laboratory practice for Separation Methods in Chemical Analysis, 1994-today.
4. Participation in the formation of topics and laboratory exercises for Bioanalysis. 2013-
5. Participation in the formation of topics and laboratory exercises for Special Separation Methods and Chemical Analysis (2003-2013).
6. Participation in the formation of topics and laboratory exercises for Special Methods of Analysis. 2013

5.4. ORGANISING COMMITTEES OF SCIENTIFIC CONFERENCES

I have been member of organising and scientific committees of numerous scientific (regional and international) conferences.

5.5 PRESIDENT OF DIVISION OF CENTRAL AND WESTERN GREECE OF THE ASSOCIATION OF GREEK CHEMISTS

1. Member of General Assembly of Association of Greek Chemsits (since2015 Dec)
2. President (since 2015 Dec)
3. Member of Education Council of AGC 2016

6. PARTICIPATION IN SEMINARS AND CONFERENCES

6.1. SEMINARS

1. 3rd Seminar on the Environment protection, organised by the Laboratory of Environmental Pollution Control, Goethe Institute and Municipality of Thessaloniki. Thessalloniki (1984).

1. 4th Seminar on the Environment protection, organised by the Laboratory of Environmental Pollution Control, Goethe Institute and Municipality of Thessaloniki.. Thessalloniki (1985). Oral presentation **11.1.**

2. 5th Seminar on the Environment protection, organised by the Laboratory of Environmental Pollution Control, Goethe Institute and Municipality of Thessaloniki. Thessalloniki (1987). Oral presentation **11.3.**

4. Training workshop: Advanced Euro HPLC Training Course and Workshop, COMETT, University of Patras (1992).

5. HPLC Datura Workshop, TNO, BCR, DG XII-DG VI. Brussels, Belgium (1992). Part of **9.19** was presented.

6. Workshop on Solid Phase Extraction by Varian, Marinopoulos, Athens (1993).

7. 3rd Chromatography workshop. Hewlett-Packard. HPLC & Capillary Electrophoresis. Hellamco. Athens, 29-4-1996.

1. Workshop by Greek Association Chemists. Quality of Drinking water. Thessalloniki 2-12-1996. Oral presentation by invitation **13.1**.

9. Symposium on New Technologies in Greek Agricultural Assurance. 31-3-97 and 1-4-97 Thessalloniki. (1997). Parts of **12.10**, **12.11 και 12.12** were presented.

10. Training workshop European Training Program in Microseparation Techniques (ECOSEP 1- Leonardo da Vinci) on Separation Techniques, Patras (1998). Invited lecturer: Chromatographic Method Validation-Good Laboratory Practice. (**12.13**).

11. Waters Technology Seminar: Recent Advances in HPLC Method Development; New Tools & Products, by MALVA, Thessalloniki (2002).

12. Training Workshop on ICP-MS. Microwave sample preparation, Hellamco. Thessalloniki, 10-11-2004.

13. Workshop ION CHROMATOGRAPHY DIONEX. Vamvacas. Thessalloniki 3-11-2005.

14. Workshop Agilent technologies (in collaboration with Gerstel & RIC) *Discover a new world of LC and LC/MS,* Εταιρεία Hellamco. Thessalloniki, 2-11-2006.

15. Workshop by Agilent technologies (in collaboration with Gerstel & RIC) *Latest Developments in GC & GC/MSD,* Hellamco. Thessalloniki, 3-11-2006.

16. Workshop on LCMS and LCMS-IT-TOF: The present and the Future. 20/4/07 Thessalloniki. Asteriadis Co.

17.*International Workshop on Holistic Analytical Technologies for Systems Biology Studies 30-31 October 2008, Thessaloniki

18.*New Horizons for Chromatography Merck Athens 4/11/2008.
19. EcoAnalytix Training Seminar Perkin Elmer 6/11/2008.
20. Liquid Chromatography and Mass Spectrometry Dionex & Bruker Daltonics. Analytical Instruments A.E.Thessalloniki 12 November 2008.

21. CEM Process Control Workshop held in Zagreb on March 25th, 2009.

22. «Food and Environment:Technology and LC-MS Applicationsby Biosolutions/ Applied Biosystems) Thessalloniki 7/4/2009

23. Training Workshop «LC TIPS & TRICKS» for HPLC & LC/MS users by AGILENT Technologies, Thessaloniki 8/4/2009.

24. Workshop: Capillary ion Chromatography& Rapid Separation LC Dionex , Analytica Instruments A.E. 12 Oct. 2010. Thessaloniki.

6.2. CONFERENCES

1. 9th Panhellenic Conference of Chemistry, organised by Greek Chemists Association, Athens (1984).

2. 10th Panhellenic Conference of Chemistry, organised by Greek Chemists Association, Patras (1985). Oral presentation of **12.1.**

3. Conference of Municipality of Thessaloniki, on the occasion of 2300 years of the city. "Environment and Quality of Life in Thessaloniki". Thessaloniki (1985). Part of **12.2** was presented.

4. 11th Panhellenic Conference of Chemistry, organised by Greek Chemists Association, Athens (1986). Oral presentation **12.3.**

5. 2nd Panhellenic Symposium of Oceanography and Fisheries, Athens (1987). Oral presentation **12.4.**

6. 4th International Symposium on Environmental Pollution and its impact on life in the Mediterranean Region. MESAEP, Kavala, Greece (1987). Oral presentation **9.3** and part of **9.9** was presented.

7. 6th International Conference: Chemistry for the Protection of the Environment, Torino, Italy (1987). Part of **9.4** was presented.

8. XXXIst Congress and Plenary Assembly of the International Commission for the Scientific Exploration of the Mediterranean Sea. I.C.S.E.M./UNEP, Athens, Greece (1988). Oral presentation **9.4.**

9. 5th International Symposium on Environmental Pollution and its impact on life in the Mediterranean Region, M.E.S.A.E.P. Blanes, Spain (1989). Poster presentation of **9.5.**

10. 2nd International Symposium on metals speciation, separation and recovery. Rome, Italy (1989). Part of **9.4** was presented.

11. 2ο Συνέδριο Χημείας Ελλάδας-Κύπρου, Ε.Ε.Χ., Παγκύπρια Ένωση Επιστημόνων Χημικών, Αθήνα (1990). Oral presentation **12.5.**

12. 8th International Conference: "Heavy metals in the Environment". Edinburgh, United Kingdom (1991). Part of **9.13** was presented.

13. 13ο Panhellenic Conference of Chemistry, organised by Greek Chemists Association. Athens (1991). Oral presentation **12.6** and Poster presentation of **12.7** and **12.8.**

14. 2nd International Conference on "Solid Phase Extraction". Bratislava, Slovakia (1992). Part of **9.17** was presented.

15. 17th International Symposium on Column Liquid Chromatography. Hamburg, Germany (1993). Poster presentation of **9.20.**

16. 9th International Symposium: «Advances and Applications of Chromatoghraphy in Industry», Bratislava, Slovakia (1993) Part of **9.19** was presented.

17. 19th International Symposium on column Liquid Chromatography and Related Techniques. Innsbruck, Austria (1995). Poster presentation of **9.26** and **9.27**.

18. 1st Panhellenic Conference of Clinical chemistry. Athens (1996). Oral presentation **9.28.**

19. 1st International Conference of the Chemical Societies of the South-East European Countries Chemical Sciences and Industry. Halkidiki (1998). Oral presentation **9.37.**

20. 1st International Conference: Instrumental Methods of Analysis. Modern Trends and Applications. Chalkidiki (1999). Oral presentation **9.34** and Poster presentation of **9.38**.

21. 2nd International Conference of the Chemical Societies of the South-East European Countries Chemical Sciences and Industry. Halkidiki (2000). Poster presentation of **9.38.**

22. 23rd International Symposium on Chromatography: Solutions for Scientists. London (2000). Poster presentation of **9.36.**

23. 18th Panhellenic Conference of Chemistry, organised by Greek Chemists Association. Pireus (2001). Poster presentation of **9.40.**

24. 11th international symposium on Environmental pollution and its impact on life in the Mediterranean region. Limassol, Cyprus. October 6-10, 2001. Poster presentation of **9.42.**

25. 1st Environmental Coneference of Macedonia, Thessaloniki, March (2002). Oral presentation **12.14.**

26. Meeting of Mediterarrnean Group Reasearch (2002). Pesticide Research in Food and Environmental Co-operation between Mediterranean Countries. April 24-26 (2002), Sousse Tunisa. Poster presentation of **12.15.**

27. 1st Conference: Trends in Sample Preparation, TRISP, Graz, Austria (2002). Oral presentation **9.44.**

28. 3rd International Conference of the Chemical Societies of the South-Eastern European Countries on Chemistry in the New Millenium-27. 1st Conference: an Endless Frontier. Bucharest, Romania (2002). poster presentation of **12.16.**

29. 3rd International Symposium on Sustainable Agro-environmental Systems. New Technologies and Applications. October 26-29, 2002, Cairo. Egypt. Part of **9.50** was presented.

30. 3rd International Conference: Instrumental Methods of Analysis. Modern Trends and Applications. Thessaloniki (2003). Poster presentation of **9.55** and Oral presentation **9.52.**

31. 2nd Conference: Trends in Sample Preparation, TRISP, Graz, Austria (2004). Oral presentation **9.47.**

32. 8th Conference of Greece-Cyprous "Chemistry, Quality of Life, Education" 10-13 December 2004, Thessaloniki. Poster presentation of **9.57** and **9.58.**

33. 5th Aegean Analytical Chemistry Days, Thessaloniki 5-8 October 2006. Oral presentaion of **13.2**, and poster presentation of **9.61, 9.63, 9.66** and **9.67.**

34. 5th International Congress on Food Technology, Thessaloniki 9-11 March, 2007. poster presentation of **9.72.**

35. 3rd Conference: Trends in Sample Preparation, TRISP, Graz, Austria (June 26-30 2007).
Part of article **9.73** was presented orally in 3 min and as poster which received the **2nd award.**

36. 9th Symposium on Instrumental Analysis. Pécs, HUNGARY, June 29 - July 2, 2008.
Oral presentation after inviiation: «Multiresidue determination of seven quinolones antibiotics in gilthead seabream using liquid chromatography–tandem mass spectrometry. **9.83**.

37. VIII Poultry Days, Porec της Κροατίας, Oral presentation of:
Development and validation of HPLC methods for the determination of antibiotic residues in poultry meat and egg yolk according to 2002/657/EC-an overview.
Victoria F. Samanidou, invited.

38. (BaSS Congress 2009-Varna. CHEMICAL ANALYSIS AND INVESTIGATION OF PHYSICO-CHEMICAL PROPERTIES OF ELECTROCHEMICALLY ACTIVATED SOLUTIONS.
Ioannidis Konstantinos, Beltes Panagiotis, Lambrianidis Theodoros, Karageorgou Eutyxia, Samanidou Victoria, Greece.

39. European Society of Endodontology (ESE) poster session at the 14th Biennial Congress of the ESE in Edinburgh, 24 – 26th September 2009.

40. 6th International Conference "Instrumental Methods of Analysis-IMA" IMA 2009 4-8 Oct. 2009. Athens.
Development of a Validated HPLC Method for Anabolic Steroids in Biological

Fluids.
V.F. Samanidou, E.G.Karageorgou, I.N. Papadoyannis.

41. 6th International Conference "Instrumental Methods of Analysis-IMA" IMA 2009 4-8 Oct. 2009. Athens.
Solid Phase Extraction (SPE) for Purification of Alkannin/Shikonin Samples and Isolation of Monomeric and Dimeric A/S Fractions.
Noula E, Samanidou VF, Assimopoulou AN, Papageorgiou VP, Papadoyannis IN. (poster)

42. 6th International Conference "Instrumental Methods of Analysis-IMA" IMA 2009 4-8 Oct. 2009. Athens.
Devlopment and Validation of an Isocratic HPLC Method for the Simultaneous Monitoring of SNRIs and SSRIs Antidepressants: Duloxetine, Venlafaxine, Fluoxetine and
Paroxetine in Biofluids: A Useful Tool in Biomedical Analysis.
Samanidou VF, Kourti PV. (poster).

43. 6th International Conference "Instrumental Methods of Analysis-IMA" IMA 2009 4-8 Oct. 2009. Athens.
Development and Validation of an HPLC Confirmatory Method for the Determination of Ten Sulfonamide Antibiotics Residues in Porcine Muscle According to the European Union Decision 2002/657/E
Tolika EP, Samanidou VF, Papadoyannis IN poster

44. 6th International Conference "Instrumental Methods of Analysis-IMA" IMA 2009 4-8 Oct. 2009. Athens.
Development and Validation of a Confirmatory HPLC Method for the Determination of Seven Quinolone Antibiotics in Salmon Tissue According to the European Union Decision 2002/657/EC
Evaggelopoulou EN, Samanidou VF. poster

45. 6th International Conference "Instrumental Methods of Analysis-IMA" IMA 2009 4-8 Oct. 2009. Athens.
Development and Validation of a High-Performance Liquid Chromatographic Method for the Determination of Vitamin B6 in Human Milk after Solid Phase Extraction
Vafeiadou V, Samanidou V, Papadoyannis IN. poster.

46. 7th AACD 2010, Lesvos, Simultaneous determination of tocopherols, tocotrienols and β- carotene in cereals after solid-phase extraction.
M. Irakli, V. Samanidou, I. Papadoyannis. poster.

47. 7th AACD 2010, Lesvos, DEVELOPMENT AND VALIDATION OF AN HPLC CONFIRMATORY
METHOD FOR THE DETERMINATION OF TEN SULFONAMIDE ANTIBIOTICS RESIDUES IN EGGS ACCORDING TO THE EUROPEAN UNION DECISION 2002/657/EC. Evanthia P. Tolika, Victoria F. Samanidou, Ioannis N. Papadoyannis. Poster

48. 7th AACD 2010, Λέσβος, Development and Validation of an HPLC Method for the Determination of Ten Sulfonamide Residues in Various Edible Animal Tissues According to 2002/657/EC
Evanthia P. Tolika, Victoria F. Samanidou, Ioannis N. Papadoyannis. Poster.

49. "SAMPLE PREPARATION FOR THE HPLC DETERMINATION OF ANTIBIOTIC RESIDUES IN MILK" E.G. Karageorgou, V.F. Samanidou, Euroanalysis 2011, Belgrade 11-15 Sept. 2011.

50. Development and validation of an HPLC method for the determination of cephalosporins residues in milk according to 657/2002/EC decision.
Karageorgou E.G. & Samanidou VF. 4º Panhellenic Food Conference by Greek Veterinarian Society, Thessaloniki, 2011.

51. Development and validation of an HPLC method for the determination of free and total phenolic acids in cereals after SPE
Irakli M., Samanidou V., Biliaderis K., Papadoyannis I.
21º Panhellenic Conference of Chemistry, Thessaloniki 2011.

52. Quality control of fish by antibiotic residues determination by HPLC
EN.Evaggelopoulou, VF Samanidou
21º Panhellenic Conference of Chemistry, Thessaloniki 2011.

53. Development and validation of an HPLC method for the determination of sulfonamides residues in milk according to 657/2002/EC decision.
E.Tolika, VF. Samanidou, IN Papadoyannis
21º Panhellenic Conference of Chemistry, Thessaloniki 2011.

54.Quality control of milk for antibiotic residues by HPLC
Karageorgou E.G. & Samanidou V.F.
21º Panhellenic Conference of Chemistry, Thessaloniki 2011.

55. XII Flow Analysis 23-28 Sept.2012. Thessaloniki. Poster
Multi-residue analysis of b-lactam antimicrobials in milk based on dispersive extraction by QuEChERS in MSPD format, validated according to European Union Decision 2002/657/EC.
Eftichia G. Karageorgou, Victoria F. Samanidou, Ioannis N. Papadoyannis
Laboratory of Analytical Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Thessaloniki, 541 24 Greece.

56. *8th Aegean Analytical Chemistry Days (AACD2012),* September 16-20, 2012 on the IZTECH campus, Izmir.
"Antibiotic residues in milk-Sample preparation perspective".
V.Samanidou Invited Speaker.

57. 8th International Conference "IMA 2013-Instrumental Methods of Analysis-Modern Trends and Applications" 15-19 September 2013, Thessaloniki, Greece.
Microwave Assisted Extraction optimization of phenolic constituents from Greek Mountain tea *Sideritis raeseri* . (poster)
I. Sarakatsianos, K. Adamopoulos, V. Samanidou, A. Goula

58. 8th International Conference "IMA 2013-Instrumental Methods of Analysis-Modern Trends and Applications" 15-19 September 2013, Thessaloniki, Greece.
Multi-residue LC-MS/MS analysis of cephalosporins and quinolones in milk following ultrasound assisted matrix solid phase dispersive extraction combined with QuEChERS methodology
Eftichia Karageorgou, Antonis Myridakis, Euripides G. Stephanou and Victoria Samanidou (poster)

59. 8th International Conference "IMA 2013-Instrumental Methods of Analysis-Modern Trends and Applications" 15-19 September 2013, Thessaloniki, Greece.
Development and validation of an HPLC-DAD confirmatory method for the determination of tetracyclines residues in milk after ultrasound-assisted dispersive extraction

Eftichia Karageorgou, Marina Armeni, Ioulia Mosxou and Victoria Samanidou (poster)

60. 8th International Conference "IMA 2013-Instrumental Methods of Analysis-Modern Trends and Applications" 15-19 September 2013, Thessaloniki, Greece.
Development and validation of an HPLC Method for the simultaneous determination of four Vitamin D metabolites in blood serum
Sofia Vardali, Victoria Samanidou and Ioannis Papadoyannis (poster)

61. 8th International Conference "IMA 2013-Instrumental Methods of Analysis-Modern Trends and Applications" 15-19 September 2013, Thessaloniki, Greece.
Phytochemical profiles and antioxidant capacity of pigmented and non-pigmented genotypes of rice (*Oryza sativa L.)*
Maria Irakli, Victoria Samanidou, Dimitrios Katsantonis, Costas Biliaderis and Ioannis Papadoyannis (poster)

62. 7ο Συνέδριο Ιατροδικαστικής & Τοξικολογίας, Λάρισα 26-27 Απριλίου 2014
Ανάπτυξη και επικύρωση μεθόδου για τον προσδιορισμό της δονεπεζίλης σε εγκεφαλονωτιαίο υγρό με την τεχνική UHPLC-DAD.
Λήδα Κοβάτση, Μάγδα Τσολάκη, Ολυμπία Γκατζίμα, Μαρία Πετροχείλου, Βικτωρία Σαμανίδου.

63. 16th International Symposium on Advances in Extraction Technologies (ExTech2014), 25-28 May 2014 Chania, Crete, Greece.
A Novel Sample Preparation Approach For The Fast Extraction Of amphenicols Residues From Milk UsingFabric Phase Sorptive Extraction (FPSE) oral presentation.

V.Samanidou, L.-D. Galanopoulos, A. Kabir, K.G. Furton

64. **The Effect Of Buffering Solutions To Resins Composites. P. MOUROUZIS**, , E.A. KOULAOUZIDOU, V.F. SAMANIDOU, and G. PALAGHIAS,
2014 IADR/PER Congress (September 10-13, 2014) Dubrovnik, Croatia.
doi:10.1016/j.dental.2014.08.295

65. Reducing sample preparation steps by using fabric phase sorptive extraction (FPSE) technique for the determination of benzodiazepines in blood serum.
V.Samanidou, I.Kaltzi, A. Kabir, K.G. Furton. Poster presentation.
Συνέδριο 9th AACD, Chios, 2014.Poster presentation

66. 12th Conference of Greece-Cyprus Chemical Association.8-10 May, Thessaloniki, Greece.

67. DETROP Greek conference, Meat and its products, 27/2-1/3-2015. Thessaloniki, Greece.

68. 10th Greek Scientific Conference of Chemical Engineering, June 4-6 Patras, Greece.

69. European Geosciences Union General Assembly 2016 Vienna | Austria | 17–22 April 2016. Magnetic graphene oxide-polystyrene and magnetic activated carbon-polystyrene nanocomposites as sorbents for bisphenol A.
by Kyriazis Rekos et al.
accepted in Session SSS8.3 Novel sorbent materials for environmental remediation

70. Vardali S. Aquaculture Europe 2016, Edinburgh 20-23 September 2016, European Aquaculture Society DEVELOPMENT AND VALIDATION OF A UPLC-PDA METHOD FOR THE DETERMINATION OF DANOFLOXACIN AND ITS MAJOR METABOLITE, N-DESMETHYL DANOFLOXACIN IN EUROPEAN SEA BASS (*DICENTRARCHUS LABRAX*).
S. Vardali[*1], Y. Kotzamanis[1] and V. Samanidou.

71. Vardali S. Aquaculture Europe 2016, Edinburgh 20-23 September 2016, DANOFLOXACIN DEPLETION FROM MUSCLE PLUS SKIN TISSUE OF EUROPEAN SEA BASS *(DICENTRARCHUS LABRAX)* FED DANOFLOXACIN MESYLATE MEDICATED FEED IN SEAWATER AT 16ºC and 27ºC.
S. Vardali[*1], A. Tyrpenou[2], V. Ilia[1], V. Samanidou[3] and Y. Kotzamanis[1]

72. Flow injection on-line fabric disk sorptive extraction couples with atomic spectroscopy for metal determination.
A.Anthemidis, V.Kazantzi, V.Samanidou, A.Kabir and K.G.Furton.
20th International Coneference on Flow Injection Analaysis and Related Techniques in Palam de Mallorca (2-7 October, 2016)

73. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki.
ON-LINE ΕΚΧΥΛΙΣΗ ΠΡΟΣΡΟΦΗΣΗΣ ΜΕ ΜΙΚΡΟΣΤΗΛΗ ΠΛΗΡΩΜΕΝΗ ΜΕ ΥΦΑΣΜΑΤΙΝΟΥΣ ΔΙΣΚΟΥΣ ΚΑΙ ΦΑΣΜΑΤΟΜΕΤΡΙΑ ΑΤΟΜΙΚΗΣ ΑΠΟΡΡΟΦΗΣΗΣ ΓΙΑ ΤΟΝ ΑΥΤΟΜΑΤΟ ΠΡΟΣΔΙΟΡΙΣΜΟ ΜΕΤΑΛΛΩΝ. Β. Καζαντζή, Α. Ανθεμίδης, Β. Σαμανίδου, A. Kabir, K.G. Furton.

74.22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki .
ΣΥΓΚΡΙΤΙΚΗ ΜΕΛΕΤΗ ΚΑΙΝΟΤΟΜΩΝ ΠΡΟΣΡΟΦΗΤΙΚΩΝ ΥΛΙΚΩΝ ΜΕ ΒΑΣΗ ΤΟ ΓΡΑΦΕΝΙΟ ΓΙΑ ΤΗΝ ΠΡΟΚΑΤΕΡΓΑΣΙΑ ΓΑΛΑΚΤΟΣ ΣΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΣΟΥΛΦΟΝΑΜΙΔΙΩΝ ΜΕ ΤΗΝ ΤΕΧΝΙΚΗ ΤΗΣ HPLC. Μάρθα Μαγγίρα1, Ειρήνη Μαρίνου1, Κωνσταντίνος Σταλίκας2, Βικτωρία Σαμανίδου1*

75. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki
ΑΝΑΠΤΥΞΗ ΚΑΙ ΕΠΙΚΥΡΩΣΗ ΜΙΑΣ ΜΕΘΟΔΟΥ UPLC-PDA ΓΙΑ ΤΟΝ ΤΑΥΤΟΧΡΟΝΟ ΠΡΟΣΔΙΟΡΙΣΜΌ 12 ΑΝΤΙΒΙΟΤΙΚΩΝ ΣΕ ΜΥΙΚΟ ΙΣΤΟ ΛΑΒΡΑΚΙΟΥ (DICENTRARCHUS LABRAX).
Σ. Βαρδαλή*1,2, Ι. Κοτζαμάνης1 και Β. Σαμανίδου2

76. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki
ΑΝΑΠΤΥΞΗ ΜΕΘΟΔΟΥ ΥΓΡΗΣ ΧΡΩΜΑΤΟΓΡΑΦΙΑΣ ΥΨΗΛΗΣ ΠΙΕΣΗΣ ΜΕ ΑΝΙΧΝΕΥΤΗ ΠΑΡΑΤΑΞΗΣ ΦΩΤΟΔΙΟΔΩΝ ΓΙΑ ΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΚΑΤΑΛΟΙΠΩΝ ΕΞΙ ΚΙΝΟΛΟΝΩΝ ΣΕ ΓΑΡΙΔΕΣ ΚΑΙ ΕΠΙΚΥΡΩΣΗ ΣΥΜΦΩΝΑ ΜΕ ΤΗΝ ΑΠΟΦΑΣΗ ΤΗΣ ΕΥΡΩΠΑΪΚΗΣ ΕΝΩΣΗΣ 2002/657/ΕC
Δημήτριος Μπίτας και Βικτωρία Σαμανίδου*

77. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki
ΕΚΧΥΛΙΣΗ ΣΤΕΡΕΑΣ ΦΑΣΗΣ ΜΕ ΜΑΓΝΗΤΙΚΟ ΜΙΚΡΟ- ΚΑΙ ΜΕΣΟ-ΠΟΡΩΔΗ ΕΝΕΡΓΟΠΟΙΗΜΕΝΟ ΑΝΘΡΑΚΑ ΓΙΑ ΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΤΗΣ ΔΙΣΦΑΙΝΟΛΗΣ Α ΣΕ ΑΓΕΛΑΔΙΝΟ ΚΑΙ ΜΗΤΡΙΚΟ ΓΑΛΑ ΜΕ HPLC-UVΌλγα Φιλίππου1, Ελένη Δεληγιάννη2 και Βικτωρία Σαμανίδου*1

78. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki
ΑΝΑΠΤΥΞΗ ΜΕΘΟΔΟΥ ΥΓΡΗΣ ΧΡΩΜΑΤΟΓΡΑΦΙΑΣ ΥΨΗΛΗΣ ΠΙΕΣΗΣ ΜΕ ΑΝΙΧΝΕΥΤΗ ΠΑΡΑΤΑΞΗΣ ΦΩΤΟΔΙΟΔΩΝ ΓΙΑ ΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΚΑΤΑΛΟΙΠΩΝ ΠΕΝΤΕ ΣΟΥΛΦΟΝΑΜΙΔΙΩΝ ΣΕ ΓΑΡΙΔΕΣ ΚΑΙ ΕΠΙΚΥΡΩΣΗ ΣΥΜΦΩΝΑ ΜΕ ΤΗΝ

ΑΠΟΦΑΣΗ ΤΗΣ ΕΥΡΩΠΑΪΚΗΣ ΕΝΩΣΗΣ 2002/657/ΕC Σταματία Χαρίτωνος, Βικτωρία Σαμανίδου και Ιωάννης Παπαδογιάννης*

79. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki
ΑΝΑΠΤΥΞΗ ΚΑΙ ΕΠΙΚΥΡΩΣΗ ΜΙΑΣ HPLC-DAD ΜΕΘΟΔΟΥ ΓΙΑ ΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΤΗΣ ΓΚΑΛΑΝΤΑΜΙΝΗΣ, ΔΟΝΕΠΕΖΙΛΗΣ ΚΑΙ ΡΙΒΑΣΤΙΓΜΙΝΗΣ ΣΕ ΕΓΚΕΦΑΛΟΝΩΤΙΑΙΟ ΥΓΡΟ, ΟΡΟ ΑΙΜΑΤΟΣ ΚΑΙ ΟΥΡΑΜαρία Πετροχείλου1, Βικτωρία Σαμανίδου1, Λήδα Κοβάτση2, Ιωάννης Παπαδογιάννης1

80. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki.
ΣΥΝΘΕΣΗ ΝΑΝΟΣΥΝΘΕΤΟΥ ΚΑΤΑΛΥΤΗ
ΤΡΟΠΟΠΟΙΗΜΕΝΟΥ ΟΞΕΙΔΙΟΥ ΤΟΥ ΓΡΑΦΕΝΙΟΥ / MN3O4
ΚΑΙ ΕΦΑΡΜΟΓΗ ΣΤΗΝ ΟΞΕΙΔΩΤΙΚΗ ΑΠΟΙΚΟΔΟΜΗΣΗ ΤΗΣ ΔΙΣΦΑΙΝΟΛΗΣ Α
Σωτηρία Μπελέ1, Dimitrios Giannakoudakis3,4, Teresa Bandosz3,4,
Βικτωρία Σαμανίδου2 και Ελένη Δεληγιάννη*1

81. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki.ΠΡΟΣΔΙΟΡΙΣΜΟΣ ΕΠΙΠΕΔΩΝ ΤΗΣ ΒΙΤΑΜΙΝΗΣ D: ΣΥΓΚΡΙΣΗ ΑΝΟΣΟΛΟΓΙΚΗΣ ΜΕΘΟΔΟΥ LIAISON® ΜΕ ΤΗ ΝΕΑ ΧΡΩΜΑΤΟΓΡΑΦΙΚΗ ΜΕΘΟΔΟΛΟΓΙΑ ON-LINE SPE UHPLC-DAD. Χρήστος Κρητικός1, Καλλιόπη Παζαΐτου-Παναγιώτου2, Βικτωρία Σαμανίδου3, Ανδρέας Τσακάλωφ1*

82. 22nd Panhellenic Conference in Chemistry, 2-4 December 2016, Thessaloniki..DETERMINATION OF PATIENTS' VITAMIN D STATUS BY UHPLC-DAD WITH ON-LINE SAMPLES TRETAMENT AND LARGE VOLUME (500μL) INJECTION.
Dimitrios Palaiogiannis[a], Evangelia Bekou[a,c], Kalliopi Pazaitou-Panayiotou[b], Victoria Samanidou[c], Andreas Tsakalof[a*]

83. 10ο Πανελλήνιο Συνέδριο Νόσου Alzheimer και Συγγενών Διαταραχών και στο 2ο Μεσογειακό Συνέδριο Νευροεκφυλιστικών Νοσημάτων, που θα λάβει χώρα στη Θεσσαλονίκη, στις 2-5 Φεβρουαρίου 2017, στο ξενοδοχείο Grand Hotel Palace.
Petrocheilou

84. 23rd International Symposium on Separation Science. Poster Presentation. 19-22 Sept. 2017 Vienna, Austria.
EXTRACTION, PURIFICATION AND EVALUATION OF FOOD-GRADE PHYCOCYANIN FROM ARTHOSPIRA PLATENSIS
Maria Kissoudi, Ioannis Sarakatsianos, Victoria Samanidou

85. 3rd IMEKOFOODS Metrology Promoting Harmonization& Standardization in Food & Nutrition, 1st – 4thOctober 2017, KEDEA building, AUTH, Thessaloniki, Greece
TOPIC: Method development and evaluation, Poster Presentation
HPLC method development and validation for the determination of sulfonamides residues in milk samples

M.Kechagia, V. Samanidou, A. Kabir, K.G. Furton

86. 3rd IMEKOFOODS Metrology Promoting Harmonization& Standardization in Food & Nutrition, 1st – 4thOctober 2017, KEDEA building, AUTH, Thessaloniki, Greece
TOPIC: Product standardization and certification, poster presentation

EXTRACTION, PURIFICATION AND EVALUATION OF FOOD-GRADE PHYCOCYANIN FROM SPIRULINA PLATENSIS
Kissoudi M., Sarakatsianos I., Samanidou V.

87. 1ο Συνέδριο Χημειας Μεταπτυχιακών Προπτυχιακων Φοιτητων ΑΠΘ, 10-12 Νοεμβριου 2017.
Δημήτριος Μπίτας και Βικτώρια Σαμανίδου

Μεταπτυχιακό Πρόγραμμα Σπουδών «Χημική Ανάλυση – Έλεγχος Ποιότητας»: Γνωριμία με την Επιστημονική Κοινότητα

88. 1ο Συνεδριο Χημειας Μεταπτυχιακών Προπτυχιακων Φοιτητων ΑΠΘ, 10-12 Νοεμβριου 2017.
ΟΞΕΙΔΩΤΙΚΗ ΑΠΟΙΚΟΔΟΜΗΣΗ ΤΗΣ ΔΙΣΦΑΙΝΟΛΗΣ Α ΣΕ ΚΑΤΑΛΥΤΗ ΕΝΕΡΓΟΥ ΑΝΘΡΑΚΑ-CuFe2O4
Α. Βουτετάκη, Κ. Τριανταφυλλίδης, Β. Σαμανίδου και Ε. Δεληγιάννη

89. 1ο Συνεδριο Χημειας Μεταπτυχιακών Προπτυχιακων Φοιτητων ΑΠΘ, 10-12 Νοεμβριου 2017.
Σύνθεση σπόγγων με βάση το οξείδιο του γραφενίου και μελέτη τους ως προσροφητικά υλικά για την προκατεργασία γάλακτος στον προσδιορισμό σουλφοναμιδίων με την τεχνική της HPLC
Μάρθα Μαγγίρα, Θάνος Τσαλμπούρης, Ελένη Δεληγιάννη, Βικτωρία Σαμανίδου

90. 1ο Συνεδριο Χημειας Μεταπτυχιακών Προπτυχιακων Φοιτητων ΑΠΘ, 10-12 Νοεμβριου 2017.
Ανάπτυξη και επικύρωση μιας μεθόδου UPLC-qTOF-MS για τον ταυτόχρονο προσδιορισμό 18 αντιβιοτικών σε μυϊκό ιστό λαβρακιού (Dicentrarchus Labrax).
Σ. Βαρδαλή, Ι. Κοτζαμάνης και Β. Σαμανίδου

91. 1ο Συνεδριο Χημειας Μεταπτυχιακών Προπτυχιακων Φοιτητων ΑΠΘ, 10-12 Νοεμβριου 2017.
Νανοσύνθετοι καταλύτες οξειδίου του γραφενίου-οξειδίου του Μαγγανίου για την οξειδωτική αποικοδόμηση της Δισφαινόλης Α.
Δ. Ντάγιου, Α. Σαρογιάν, Β. Σαμανίδου και Ε. Δεληγιάννη

92. 1ο Συνεδριο Χημειας Μεταπτυχιακών Προπτυχιακων Φοιτητων ΑΠΘ, 10-12 Νοεμβριου 2017.
ΑΝΑΠΤΥΞΗ ΚΑΙ ΕΠΙΚΥΡΩΣΗ ΜΕΘΟΔΟΥ HPLC-DAD ΓΙΑ ΤΟΝ ΤΑΥΤΟΧΡΟΝΟ ΠΡΟΣΔΙΟΡΙΣΜΟ ΕΞΙ ΣΟΥΛΦΟΝΑΜΙΔΙΩΝ ΣΕ ΔΕΙΓΜΑΤΑ ΓΑΛΑΚΤΟΣ ΜΕΤΑ ΑΠΟ ΕΚΧΥΛΙΣΗ ΣΤΕΡΕΑΣ ΦΑΣΗΣ ΜΕ ΧΡΗΣΗ ΜΟΡΙΑΚΩΣ ΑΠΟΤΥΠΩΜΕΝΟΥ ΠΟΛΥΜΕΡΟΥΣ
Κεχαγιά Μαρία, Σαμανίδου Βικτωρία

93. 1ο Συνεδριο Χημειας Μεταπτυχιακών Προπτυχιακων Φοιτητων ΑΠΘ, 10-12 Νοεμβριου 2017.Ανάπτυξη μεθόδου προσδιορισμού του ενδοκρινικού διαταράκτη Δισφαινόλη-Α σε καλλιέργειες βακτηρίων L.lactis (ATCC 11454) με HPLC-DAD
Ρηγόπουλος Θεόδωρος-Άγγελος1, Χατζησιδέρη Θεοδώρα2, , Σαρλή Βασιλική2, Σαμανίδου Βικτωρία3Τουράκη Μαρία1

94. 12ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας και Αλιείας Κέρκυρα 30 Μαΐου-3 Ιουνίου 2018.
DEPLETION STUDY OF DANOFLOXACIN FROM MUSCLE TISSUE OF EUROPEAN SEA BASS AFTER IN-FEED ADMINISTRATION OF DANOFLOXACIN MESYLATE AT 16 oC AND 27 oC

Vardali, S.*1, Tyrpenou, A.2, Ilia, V.1, Samanidou, V.3 and Kotzamanis, Y.1

95. Π. Μουρούζης, Δ. Λειβαδιώτου, Β. Σαμανίδου, Ε.Α. Κουλαουζίδου, Γ. Παλαγγιάς.
8ηΔιημερίδα Ελληνικής Εταιρείας Βιοϋλικών, Αθήνα, 15-16/11/2013.

96. Παρουσίαση με ανάρτηση (poster) στο συνέδριο της Academy of Dental Materials, 8-11/11/2014 Μπολόνια, Ιταλίας. HPLC analysis of bisphenol-A elution from resin composites after aging.
P. Mourouzis , E.A. Koulaouzidou, V. Samanidou, G. Palaghias

97. Depletion study of danofloxacin from muscle tissue of european sea bass after in-feed administration of danofloxacin mesylate at 16°C and 27°C.
Vardali S, Tyrpenou A, Ilia V, Samanidou V, Kotzamanis Y
12th Pan-Hellenic Symposium of Oceanography and Fisheries, held at the Ionian University from May 31 to June 3, 2018.

98. Tolerance and biodegradation of Bisphenol-A by two strains of probiotic bacteria
Kyrila G., Rigopoulos A., Samanidou V.[2], Touraki M.[1]
8th Συνεδριο Μικροβιοκοσμος
http://mikrobiokosmos8.org/index.php

99. Μεταβολική αποικοδόμηση του ρύπου Δισφαινόλη-Α από τρία στελέχη προβιοτικών βακτήριων
Κυρίλα Γκλόρια, Σχορετσανίτη Βασιλική, Σαμανίδου Βικτωρία, Τουράκη Μαρία
Συνεδριο ελληνικης εταιρειας βιολογικων επιστημων

100. ICCE 2019 organizing committee June 16-20 2019
Application of molecular imprinted polymers (MIPs)as extracting media for the chromatographic determination of industrial chemicals: A case study of bisphenol A
Kalogiouri Natasa,Tsalbouris Athanasios, Kabir Abuzar, Furton Kenneth, Samanidou Victoria Laboratory of Analytical Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Greece

101. **ICCE 2019 organizing committee June 16-20 2019**
Modified graphene oxide as manganese oxide support For Bisphenol A degradation
Hayarpi Saroyan, Dimitra Ntagiou, Victoria Samanidou, Teresa Bandosz, Eleni Deliyanni

102. **ICCE 2019 organizing committee June 16-20 2019**
Magnetic graphene oxide-polymer nanocomposites as sorbents for bisphenol A
Kyriazis Rekos, Zoi – Christina Kampouraki, Victoria Samanidou, Eleni Deliyanni

103. **CURRENT ASPECTS OF CARIOLOGY** Scientific Meeting, October 4-6, 2019, Thessaloniki. Hellenic Society of Preventive Dentistry.
Computer-aided design and manufacturing crown on primary molars.
An innovative case-report. P. Mourouzis, K. Tsiveli, E, Andreasidou A. Arhakis, V. Samanidou, Kosmas Tolidis

104. ΑΝΑΠΤΥΞΗ ΚΑΙ ΕΠΙΚΥΡΩΣΗ ΜΕΘΟΔΟΥ HPLC-DAD ΓΙΑ ΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΤΗΣ ΔΙΣΦΑΙΝΟΛΗΣ Α (BPA) ΣΕ ΠΕΡΙΒΑΛΛΟΝΤΙΚΑ ΔΕΙΓΜΑΤΑ ΜΕ ΕΚΧΥΛΙΣΗ ΣΤΕΡΕΑΣ ΦΑΣΗΣ ΜΕ ΧΡΗΣΗ ΜΟΡΙΑΚΩΣ ΑΠΟΤΥΠΩΜΕΝΟΥ ΠΟΛΥΜΕΡΟΥΣ

Ν. Καλογιούρη, Α. Τσαλμπούρης, A. Kabir, K. Furton, Β. Σαμανίδου
13ο ΚΥΠΡΟΥ ΕΛΛΑΔΑΣ Λευκωσία 31/10 έως 3/11/2019.

105. **Fabric phase sorptive extraction for the isolation of five common antidepressants from human urine prior to HPLC-DAD analysis**
Artemis Lioupi[a], Abuzar Kabir[b], Kenneth G. Furton[b], Victoria Samanidou[a]
3οΣΧΜΠΦ ΑΠΘ 22-23 Νοεμβριου 2019

106. **Removal and biodegradation of Bisphenol-A by four probiotic strains**
Kyrila G., Schoretsaniti V., Samanidou V.[2], **Touraki M.**[1]
3οΣΧΜΠΦ ΑΠΘ 22-23 Νοεμβριου 2019

107. Μελέτη απελευθέρωσης μονομερών από οδοντιατρικά υλικά σε τεχνητό σάλιο με υγρή χρωματογραφία υψηλής πίεσης (HPLC)
Ελισάβετ-Ιωάννα Κ. Διαμαντοπούλου, Ορφέας-Ευάγγελος Πλαστήρας, Βικτώρια Φ. Σαμανίδου
3οΣΧΜΠΦ ΑΠΘ 22-23 Νοεμβριου 2019

108. ΡΕΚΟΣ
3οΣΧΜΠΦ ΑΠΘ 22-23 Νοεμβριου 2019

109. ΠΟΣΟΤΙΚΟΣ ΠΡΟΣΔΙΟΡΙΣΜΟΣ PARABENS ΣΕ ΑΝΘΡΩΠΙΝΟ ΠΛΑΣΜΑ ΜΕ ΤΗΝ ΤΕΧΝΙΚΗ ΤΗΣ ΕΚΧΥΛΙΣΗΣ ΠΡΟΣΡΟΦΗΣΗΣ ΣΕ ΥΦΑΣΜΑΤΙΝΟ ΜΕΣΟ (FPSE) ΚΑΙ ΥΓΡΟΧΡΩΜΑΤΟΓΡΑΦΙΑ ΥΨΗΛΗΣ ΑΠΟΔΟΣΗΣ (HPLC)
Άνθη Παρλά1, Ειρήνη Ζορμπά1, Νικόλαος Παλουμπής1, Abuzar Kabir2, Kenneth G. Furton2, Ivana Vinkovic Vrcek3, Zelika Roje3, Βικτωρία Σαμανίδου4, Ειρήνη Παντερή1
19ο Πανελληνιο Φαρμακευτικο Συνεδριο Αθηνα 16-17 Δεκεμβριου 2019.

110. Διαδικτυακό 13ο Μακεδονικό Συνέδριο Διατροφής & Διαιτολογίας 25-27 Σεπτ. 2020
ΜΕΛΕΤΗ ΤΗΣ ΑΥΘΕΝΤΙΚΟΤΗΤΑΣ ΤΩΝ ΞΗΡΩΝ ΚΑΡΠΩΝ ΜΕ ΣΥΓΧΡΟΝΕΣ ΑΝΑΛΥΤΙΚΕΣ ΜΕΘΟΔΟΥΣ ΚΑΙ ΠΡΟΗΓΜΕΝΑ ΧΗΜΕΙΟΜΕΤΡΙΚΑ ΕΡΓΑΛΕΙΑ
Νατάσα Καλογιούρη, Βικτωρία Σαμανίδου

111. Διαδικτυακό 13ο Μακεδονικό Συνέδριο Διατροφής & Διαιτολογίας 25-27 Σεπτ. 2020

FUNCTIONAL CHARACTERIZATION OF TUNA CANNED IN FLORAL WATERS
Natasa Kalogiouri, Labros Kokokiris, Athanasios Papadopoulos, Victoria Samanidou

112. 7ο Περιβαλλοντικό Συνέδριο Μακεδονίας. Διαδικτυακό 30/10/20-1/11/20
ΑΞΙΟΛΟΓΗΣΗ ΣΥΓΧΡΟΝΩΝ «ΠΡΑΣΙΝΩΝ» ΥΛΙΚΩΝ (MEC, FPSE) ΠΡΟΚΑΤΕΡΓΑΣΙΑΣ-ΕΦΑΡΜΟΓΗ ΣΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΣΟΥΛΦΟΝΑΜΙΔΙΩΝ ΣΤΟ ΓΑΛΑ ΜΕ ΥΓΡΗ ΧΡΩΜΑΤΟΓΡΑΦΙΑ ΥΨΗΛΗΣ ΠΙΕΣΗΣ (HPLC-DAD)
ΔΟΥΚΑΣ-ΕΥΑΓΓΕΛΟΣ ΓΕΩΡΓΙΑΔΗΣ, ΒΙΚΤΩΡΙΑ ΣΑΜΑΝΙΔΟΥ, ABUZAR KABIR, KENNETH FURTON (**ΠΡΟΦΟΡΙΚΗ)**

113. 7ο Περιβαλλοντικό Συνέδριο Μακεδονίας. Διαδικτυακό 30/10/20-1/11/20

ΑΝΑΠΤΥΞΗ ΜΕΘΟΔΟΥ HPLC-PDA ΓΙΑ ΤΟΝ ΠΡΟΣΔΙΟΡΙΣΜΟ ΑΝΤΙΟΞΕΙΔΩΤΙΚΩΝ ΕΝΩΣΕΩΝ ΣΕ ΕΛΛΗΝΙΚΑ ΚΑΡΥΔΙΑ

Καλογιούρη Ν.Π., Σαμανίδου Β.Φ. Ποστερ

114. 7ο Περιβαλλοντικό Συνέδριο Μακεδονίας. Διαδικτυακό 30/10/20-1/11/20

ΑΞΙΟΛΟΓΗΣΗ ΤΟΥ ΑΝΤΙΟΞΕΙΔΩΤΙΚΟΥ ΠΡΟΦΙΛ ΑΝΘΟΝΕΡΩΝ ΜΕ HPLC-PDA

Καλογιούρη Ν., Κοκοκύρης Λ., Σαμανίδου Β.Φ. Ποστερ

115. 7ο Περιβαλλοντικό Συνέδριο Μακεδονίας. Διαδικτυακό 30/10/20-1/11/20

116. 7ο Περιβαλλοντικό Συνέδριο Μακεδονίας. Διαδικτυακό 30/10/20-1/11/20
ΑΞΙΟΛΟΓΗΣΗ ΤΗΣ ΕΦΑΡΜΟΓΗΣ ΕΚΧΥΛΙΣΗΣ ΜΕ ΥΦΑΣΜΑΤΙΝΟ ΜΕΣΟ ΓΙΑ ΤΗΝ ΑΝΑΠΤΥΞΗ ΜΙΑΣ ΠΡΑΣΙΝΗΣ ΜΕΘΟΔΟΥ ΠΡΟΚΑΤΕΡΓΑΣΙΑΣ ΔΕΙΓΜΑΤΩΝ ΓΙΑ ΤΟΝ ΧΡΩΜΑΤΟΓΡΑΦΙΚΟ ΠΡΟΣΔΙΟΡΙΣΜΟ ΕΠΤΑ ΕΣΤΕΡΩΝ ΤΟΥ π-ΥΔΡΟΞΥΒΕΝΖΟΪΚΟΥ ΟΞΕΟΣ
Αλαμπάνος Β., Kabir A., Furton K., Σαμανίδου Β. Ποστερ

117. Kalogiouri ποστερ 4οΣΧΜΠΦ ΑΠΘ 20-21 Μαρτιου 2021

118. Alambanos προφορικη 4οΣΧΜΠΦ ΑΠΘ 20-21 Μαρτιου 2021

119. IMA 2021 Anthi Parla, Georgios Mavrogeorgos, Abuzar Kabir, Ioanna Balatsouka, Victoria Samanidou, Kenneth G. Furton, Dimitra Gennimata, Ivana Vinkovic Vrcek and Eirini Panteri
Title : Fabric phase sorptive extraction coupled to porous graphitized carbon liquid chromatography for the quantitation of parabens in human breast milk

120. IMA 2021 Natasa P. Kalogiouri and Victoria F. Samanidou
Title : Development of modern analytical methods employing innovative sample preparation techniques in combination with chemometric tools for the investigation of food authenticit

121. 44th Annual Conference of the European Prosthodontic Association (EPA)
30th September - 2 October 2021 Athens, Greece
Elution of monomers from CAD-CAM materials and conventional-resin composite after storage in artificial saliva.
Petros Mourouzis, Katerina Tsivelli, Ellisavet-Ioanna Diamantopoulou, Victoria Samanidou and Kosmas Tolidis

122. 6th Green and Sustainable Chemistry Conference Online
Adsorptive and catalytic oxidative deep desulfurization of model fuels by metal-free activated carbons: the key role of surface chemistry
Dimitrios A. Giannakoudakis, Eleni D. Salonikidou, Kyriaki A. Kakamouka, Victoria F. Samanidou
Margaritis Kostoglou, Konstantinos S. Triantafyllidis, Eleni A. Deliyanni

124. Oral

Novel Sorptive Extraction Approaches for "Greener" Bioanalysis

Will be filled by EuSP2022 GSAC2022

V.Samanidou

125. poster

Development of a CPME-HPLC-UV-Vis Method For The Determination Of Bisphenol- A And Monomers Released From Dental Resins In Beverages And Refreshments

Will be filled by EuSP2022 GSAC2022

M. Vladitsi[1], N.P. Kalogiouri[1], P. Mourouzis[2], A. Kabir[3], K. Furton[3], V.F. Samanidou[1]

126. poster

A Magnet Integrated Fabric Phase Sorptive Extraction Method Combined With HPLC-DAD For The Determination of Benzoyl Urea Insecticides In Water Samples

Will be filled by EuSP2022 GSAC2022

N. Manousi[1,2], V. Alampanos[1], A. Ferracane[2,3], G. Efstratiadis[1], A. Kabir[4,5], K. G. Furton[4], P. Q. Tranchida[3], G. A. Zachariadis[1], L. Mondello[3,6], E. Rosenberg[2], V. F. Samanidou[1]

127. poster

Extraction And Preconcentration of Organophosphorus Pesticides From Water Samples Using *In Situ* Synthesized Monolithic Sol-gel Octadecyl Capsule Phase Microextraction Media

Will be filled by EuSP2022 GSAC2022

A. Ferracane[1,2], N. Manousi[2,3], A. Kabir[4,5], K. G. Furton[4], P. Q. Tranchida[1], G. A. Zachariadis[3], L. Mondello[1,6], V. F. Samanidou[3], E. Rosenberg[2]

128. poster

Development Of An Fpse-Hplc-Uv Method For The Determination Of Monomers Released From Dental Resins In Alcoholic Beverages

C. Nikolaou[1], N.P. Kalogiouri[1], P. Mourouzis[2], A. Kabir[3], K. Furton[3], V.F. Samanidou[1]

129. poster

A Rapid CPME-HPLC-DAD Method For The Determination Of Coumarin In Bakery Products And The Guarantee Of Quality And Safety

N.P. Kalogiouri[1], N. Ampatzi[1], A. Kabir[2,3], K. Furton[3], V.F. Samanidou[1]

130. 2022 (8th Metrology Conference - 2022):

Ανθή Παρλά, Ειρήνη Παντερή, Γιώργος Μαυρογιώργος, Abuzar Kabir, Kenneth G. Furton, Βικτώρια Σαμανίδου and Ivana Vinkovic Vrcek
ΠΟΣΟΤΙΚΟΣ ΠΡΟΣΔΙΟΡΙΣΜΟΣ PARABENS ΣΕ ΜΗΤΡΙΚΟ ΓΑΛΑ ΜΕ ΤΗΝ ΤΕΧΝΙΚΗ ΤΗΣ FPSE –HPLC ΣΕ ΣΤΗΛΗ ΠΟΡΩΔΟΥΣ ΓΡΑΦΙΤΟΠΟΙΗΜΕΝΟΥ ΑΝΘΡΑΚΑ

131. Graphitic carbon nitride as photocatalyst for the degradation of diclofenac: the role of oxidants
Papamichail P., Lambropoulou D., Samanidou V., Deliyanni E.
5th EUGSC 2022

132. 8ο Συνεδριο Μετρολογίας, Θεσσαλονίκη, 1-2 Ιουλίου 2022 Oral

Επικύρωση αναλυτικής μεθόδου προσδιορισμού βενζοδιαζεπινών σε επιφανειακά νερά με HPLC-PDA μετά από προκατεργασία δείγματος με μαγνητικό υλικό GO-Chm

Ορφέας-Ευάγγελος Πλαστήρας, Ελένη Δεληγιάννη και Βικτωρία Σαμανίδου

133. 5ο ΣΧΜΠΦ ποστερ

Ανάπτυξη μεθόδου CPME-HPLC-UV-Vis για τον προσδιορισμό δισφαινόλης Α και άλλων μονομερών από οδοντιατρικές ρητίνες σε ροφήματα και αφεψήματα

Μ. Βλαδίτση[1], Ν.Π. Καλογιούρη[1], Π. Μουρούζης[2], A. Kabir[3], K. Furton[3], Β.Φ. Σαμανίδου[1]

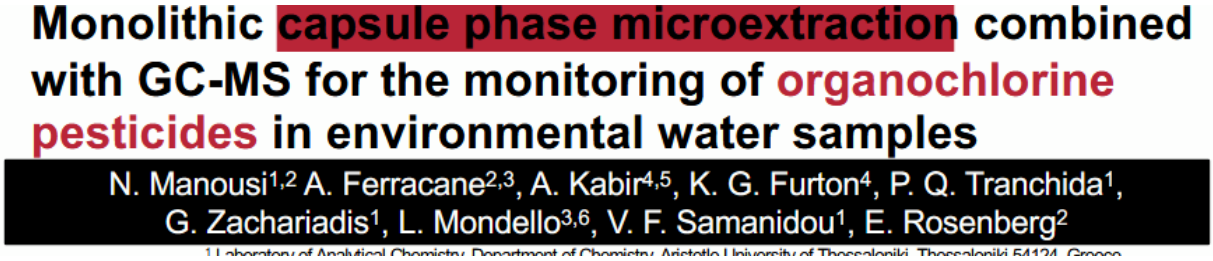
134. 5ο ΣΧΜΠΦ ποστερ

Ανάπτυξη και επικύρωση μεθόδου FPSE-HPLC-UV για τον προσδιορισμό μονομερών που απελευθερώνονται από οδοντικές ρητίνες σε αλκοολούχα ποτά

Χ.Γ. Νικολάου[1], Ν.Π. Καλογιούρη[1], Π. Μουρούζης[2], A. Kabir[3], K. Furton[3], Β.Φ. Σαμανίδου[1]

135. ISSS 26th Separation Sciences Ljubjiana 28 June-1 July 2022

OP-8 An optimize SPME arrow GCxGC method for the investigation of wine aging and the identification of authenticity markers by Chemometrics.
N.Kalogiouri, N.Manousi, A. Ferracane, G.Zachariadis, S. Koundouras, V.Samanidou, P.Tranchida, L.Mondello and E. Rosenberg.

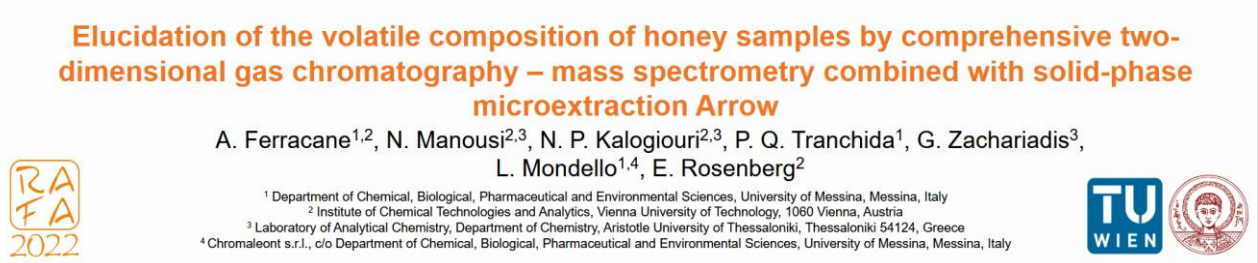


136. 8ο Συνεδριο Μετρολογίας Oral
Ποσοτικός προσδιορισμός Parabens σε μητρικο γακλα με την τεχνικη της FPSE HPLC σε στηλη πορωδους γραφτιτοποιημενου ανθρακα

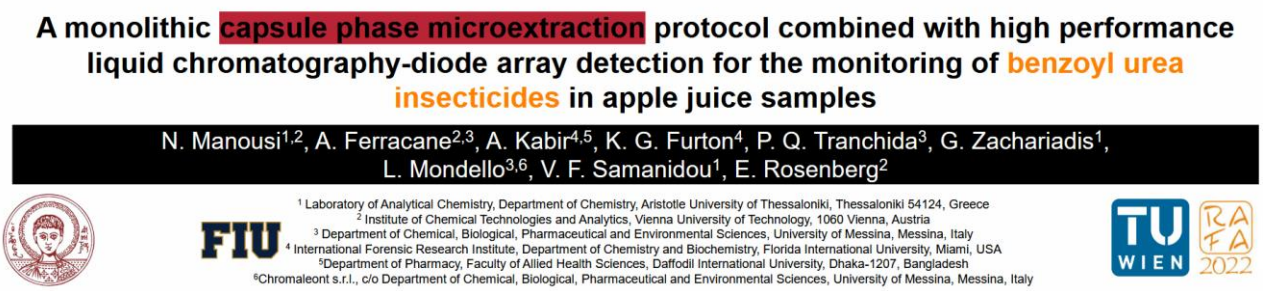
Α. Παρλα, Ι. Μπαλατσουκα, Γ. Μαυρογιώργος, A. Kabir, Β. Σαμανιδου, K. Furton, Δ. Γεννηματα, I. Vinkovic Vrcek, Ε. Παντερη.

137. RAFA 2022 September 2022 Prague

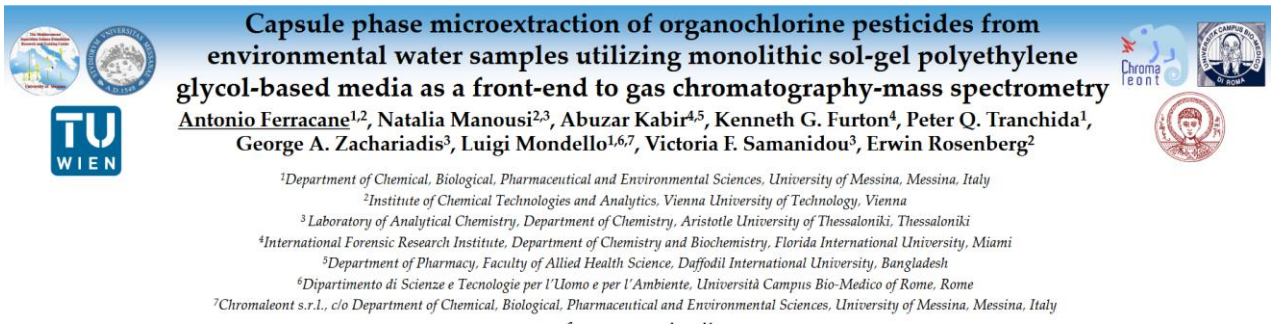
138. RAFA 22



139. RAFA 22



140. Milazzo 2022



141. EPR Bologna 2022

Magnet-integrated fabric phase sorptive extraction based on dual stand-alone microextraction platforms combined with gas chromatography-mass spectrometry for multi-class pesticides determination in water samples

A. Ferracane[1,2], N. Manousi[2,3], A. Kabir[4,5], K. G. Furton[4], G. Zachariadis[3], V. F. Samanidou[3], P. Q. Tranchida[1], L. Mondello[1,6], E. Rosenberg[2]

[1] Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, Messina, Italy
[2] Institute of Chemical Technologies and Analytics, Vienna University of Technology, 1060 Vienna, Austria
[3] Laboratory of Analytical Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece
[4] International Forensic Research Institute, Department of Chemistry and Biochemistry, Florida International University, Miami, FL 33199, USA
[5] Department of Pharmacy, Faculty of Allied Health Sciences, Daffodil International University, Dhaka-1207, Bangladesh
[6] Chromaleont s.r.l., c/o Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, Messina, Italy

142. ANAKON 2023 Vienna Conference 11-14 April 2023

a. An automatic lab-in-syringe sol-gel coated foam microextraction platform coupled to HPLC for the determination of bisphenol A.
Natalia Manousi, Ioannis Priovolos, Abuzar Kabir, Kenneth G. Furton, Victoria Samanidou, Aristidis Anthemidis Oral

b. Bisphenol analogues' determination in human breast milk by HPLC-DAD after Capsule Phase Microextraction

Vasileios Alampanos, Abuzar Kabir, Kenneth G. Furton, Irene Panderi, Victoria Samanidou Poster

WP012 – Natasa KALOGIOURI, University of Thessaloniki:
Development of highly hydrophobic fabric phase sorptive extraction membranes for the rapid determination of tocopherols in edible oils analyzed by HPLC-DAD

WP031 – Petros MITSIKARIS, University of Thessaloniki:
A novel solid phase extraction protocol for the extraction of fat-soluble and water-soluble vitamins in fortified snacks prior to HPLC-DAD analysis

TP068 – Natasa KALOGIOURI, University of Thessaloniki:
An optimized SPME-GC×GC/MS volatilomics approach combined with supervised chemometrics to investigate pomegranate juice adulteration

TP085 – Natalia MANOUSI, University of Thessaloniki:
Titania-based second-generation fabric phase sorptive extraction media: Synthesis, characterization, and preliminary evaluation

TP097 – Antonio FERRACANE, University of Messina:
Dual magnet-integrated fabric phase sorptive extraction combined with GC-MS for multi-class pesticide monitoring

6.3. INVITED LECTURES AND PRESENTATIONS

1. Drinking water. Quality of life and health. Greek Chemists Association. 2-12-96 Thessaloniki (1996).

2 Training Course European Training Program in Microseparation Techniques (ECOSEP 1- Leonardo da Vinci) on Separation Techniques Patras (1998). Chromatographic Method Validation-Good Laboratory Practice.

3 HPLC analysis of antibiotic residues in food products of animal origin.

Technical University of Graz. Institute of Analytical Chemistry and Radiochemistry, Graz. June 2006.

4. Lecture in Highschol of Panorama-Thessaloniki. 17-4-08
Topic: Studies-pofession-career and gender.

5. 9th Symposium on Instrumental Analysis. Pécs, HUNGARY, June 29 - July 2, 2008. «Multiresidue determination of seven quinolones antibiotics in gilthead seabream using liquid chromatography–tandem mass spectrometry.

6. VIII Poultry Days 2009 Porec Croatia
Development and validation of HPLC methods for the determination of antibiotic residues in poultry meat and egg yolk according to 2002/657/EC-an overview

7. 8th Aegean Analytical Chemistry Days 2012, Izmir, Turkey.
Antibiotic residues in milk-Sample preparation perspective

8. Training School *on* Phytochemical Analysis (COST) Febr. 13-15 2013
HPLC (principles, instrumentation, separation modes, detection systems)

9. Production and chemical Analysis of decaffeinated coffee. 18/12/2017, Seminar organized by a Student group.

7. CHAPTERS-BOOKS-TUTORIALS

7.1. Marine Pollution. K.Fytianos and **V. Samanidou**. Book. Pages 180.
University Studio Press. Thessaloniki (1988).

7.2. Separation Techniques in Instrumental Chemical Analysis.
I.N.Papadoyannis.
Pegasus 2000. Pages 415. Thessaloniki (1992).
Chapter 6. Ion Chromatography. Authors I.Papadoyannis and **V.Samanidou**

7.3. Separation Techniques in Instrumental Chemical Analysis. Laboratory Practice for Students. I.Papadoyannis and **V.Samanidou**
Students notes. pages 65. Thessaloniki (1993).

7.4. Laboratory Practice for Students. Instrumental Chemical Analysis.
Chapter 8. V.Samanidou. TLC. Pages 113-131.
Chapter 10. I.Papadoyannis and **V.Samanidou**. HPLC. Pages 149-169.
Thessaloniki 1993.

7.5. Instrumental Chemical Analysis. I.N. Papadoyannis and **V.F. Samanidou**.
Tutorial. Pegasus Ed. 316 pages. Thessaloniki 1996.

7.6. Separation Techniques in Instrumental Chemical Analysis.
I.N.Papadoyannis, **V.Samanidou**, Pegasus 2000. Pages 131. Thessaloniki (1999).
Laboratory applications for students practice in the 7th semester of Chemistry.

7.7. Laboratory Practice for Students. Instrumental Chemical Analysis.
Chapter 8. **V.Samanidou**. TLC. Pages 127-143
Chapter 10. **V.Samanidou**. Ion chromatography. pages 145-157.
Chapter 11. I.Papadoyannis and **V.Samanidou**. HPLC. Pages 179-203.
Thessaloniki 2000.

7.8. Instrumental Chemical Analysis.
I.N. Papadoyannis and **V.F. Samanidou**.

Tutorial. Pegasus Ed. 486 pages. Thessaloniki 2001.

7.9. Special Methods for Separation and Chemical Analysis
I.A. Stratis, G.A. Zachariadis, **V. Samanidou**, G. Theodoridis.
ZHTH Publishing, Thessaloniki, 2004, pp. 398.
Chapter 7. Preparative Chromatography. **V. Samanidou**
Chapter 8. Chiral Chromatography. **V. Samanidou**
Chapter 9. Size Exclusion Preparative Chromatography. **V. Samanidou**
Chapter 19. Practice for students. Soptive materials for ion removal from water and wastewater. **V. Samanidou**

7.10. Modern Separation Techniques in Instrumental Chemical Analyis.
I. Papadoyannis. Thessaloniki 2004
Chapter 2. Sample preparation. I.Papadoyannis-**V.Samanidou**.
Chapter 6. Ion Chromatography. I.Papadoyannis-**V.Samanidou**.
Chapter 2. HPLC troubleshooting. I.Papadoyannis-**V.Samanidou**.
Chapter 11. Method validation. I.Papadoyannis-**V.Samanidou.**

7.11. Conductivity detection in HPLC.
I.N. Papadoyannis and **V.F. Samanidou**.
Encyclopedia of Chromatography. Marcel Dekker. Jack Cazes Ed. 188-191. (2001).
Encyclopedia of Chromatography: Second Edition, Published on 01 June 2005, Pages 371 – 374.
Encyclopedia of Chromatography, Third Edition, Published on 18 September 2009
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR-120039930#.UbSaVNjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR2-120039930#.UbSardjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR3-120039930#.UbSbSNjC1HI
DOI: 10.1081/E-ECHR3-120039930

7.12. Ion chromatography principles suppressed and non-suppressed.
I.N. Papadoyannis and **V.F. Samanidou**.
Encyclopedia of Chromatography. Marcel Dekker. Jack Cazes Ed. 443-447.(2001).
Encyclopedia of Chromatography: Second Edition, Published on 01 June 2005, Pages 859 – 862.
Encyclopedia of Chromatography, Third Edition, Published on 18 Sept. 2009
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR-120040022#.UbSai9jC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR2-120040022#.UbSaytjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR3-120040022#.UbScltjC1HI
DOI: 10.1081/E-ECHR-120040022

7.13. Ion Exclusion Chromatography.
I.N. Papadoyannis and **V.F. Samanidou**.
Encyclopedia of Chromatography. Marcel Dekker. Jack Cazes Ed. 455-457. (2001).
Encyclopedia of Chromatography: Second Edition, Published on 01 June 2005, Pages 872 – 874.
Encyclopedia of Chromatography, Third Edition, Published on 18 Sept. 2009
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR-120040026#.UbSactjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR2-120040026#.UbSa2tjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR3-120040026#.UbScONjC1HI
DOI: 10.1081/E-ECHR-120040026

7.14. Sample Preparation Prior to HPLC.
Ioannis N. Papadoyannis, **Victoria F. Samanidou**
Encyclopedia of Chromatography. Marcel Dekker. Jack Cazes Ed. *Second Edition*, On-Line, 2003, Published on 01 June 2005, Pages 1499 – 1515.
Encyclopedia of Chromatography, Third Edition, Published on 18 Sept.2009
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR-120016782#.UbSam9jC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR2-120016782#.UbSa59jC1HI

http://www.tandfonline.com/doi/abs/10.1081/E-ECHR3-120016782#.UbScUtjC1HI
DOI: 10.1081/E-ECHR-120016782

7.15. Validation of HPLC Instrumentation.
Ioannis N. Papadoyannis, **Victoria F. Samanidou**
Encyclopedia of Chromatography. Marcel Dekker. Jack Cazes Ed. *Second Edition*, On-Line, 2003, Published on 01 June 2005, Pages 1743 – 1758.
Encyclopedia of Chromatography, Third Edition, Published on 18 Sept. 2009
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR2-120018662#.UbSbENjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR-120018662#.UbSbOdjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR3-120018662#.UbScINjC1HI
DOI: 10.1081/E-ECHR-120018662

7.16. HPLC Instrumentation: Troubleshooting.
I. N. Papadoyannis, **V. F. Samanidou**.
Encyclopedia of Chromatography. Marcel Dekker. Jack Cazes Ed.
Second Edition, On-Line, 2003, Published on 01 June 2005, P. 768 – 789.
Encyclopedia of Chromatography, Third Edition, Published on 18 Sept. 2009
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR-120022508#.UbSY1NjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR2-120022508#.UbSZDdjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR3-120022508#.UbSbetjC1HI
DOI: 10.1081/E-ECHR3-120022508

7.17. Uremic Toxins in Biofluids, Analysis by HPLC.
I. N. Papadoyannis, **V. F. Samanidou**.
Encyclopedia of Chromatography. Marcel Dekker. Jack Cazes Ed.
Second Edition, On-Line, 2004, Published on 01 June 2005, Pages 1732 – 1742.
Encyclopedia of Chromatography, Third Edition, Published on 18 September 2009
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR2-120025291#.UbSa99jC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR-120025291#.UbSbINjC1HI
http://www.tandfonline.com/doi/abs/10.1081/E-ECHR3-120025291#.UbScANjC1HI
DOI: 10.1081/E-ECHR-120025291

7.18. Sample Pretreatment in Clinical Chemistry.
Chapter 1. in Separation Techniques in Clinical Chemistry.
Ed. Hassan Y. Aboul-Enein. Marcel Dekker. New York USA p.1-102. 2003.
I. N. Papadoyannis and **V. F. Samanidou**.
ISBN 10: 0824740130 / ISBN 13: 9780824740139

7.19 Photodiodes: a powerful tool in HPLC for peak detection and identification
Victoria F. Samanidou*, Ioannis N. Papadoyannis* and Eftichia G. Karageorgou
Photodiodes: Properties, Materials and Applications. Nova Publishers.
Integrated Circuits, Photodiodes and Field Effect Transistors
Ed. Frank Columbus. 2009. ISBN: 978-1-60692-660-4
https://www.novapublishers.com/catalog/product_info.php?products_id=8977&osCsid=113af153ecad31d45dd1263372817705 hard cover
https://www.novapublishers.com/catalog/product_info.php?products_id=17902&osCsid=113af153ecad31d45dd1263372817705 e-book

7.20 Recent Developments in Drug monitoring by HPLC.
Victoria F. Samanidou*, and Eftichia G. Karageorgou
Drug Monitoring: Developments, Challenges and Applications. Nova Publishers.
Ed. Frank Columbus. 2009. in Handbook of Drug Targeting and Monitoring: Developments, Challenges and Applications ISBN: 978-1-60741-839-9
https://www.novapublishers.com/catalog/product_info.php?products_id=10318&osCsid=113af153ecad31d45dd1263372817705 *hardcover*
https://www.novapublishers.com/catalog/product_info.php?products_id=18494&osCsid=113af153ecad31d45dd1263372817705 e-book

7.21 HPLC: the dominant separation technique with a wide range of applications
Victoria F. Samanidou*, Ioannis N. Papadoyannis.
Edited collection."Chromatography: Types, Techniques and Methods."
Nova Publishers. Ed. Frank Columbus. 2009. ISBN: 978-1-60876-316-0

https://www.novapublishers.com/catalog/product_info.php?products_id=11438&osCsid=113af153ecad31d45dd1263372817705 hard cover
https://www.novapublishers.com/catalog/product_info.php?products_id=18015&osCsid=113af153ecad31d45dd1263372817705 e-book
https://www.novapublishers.com/catalog/product_info.php?products_id=14269&osCsid=113af153ecad31d45dd1263372817705 275-276

7.21A Also included in Materials Science Researcher Biographical Sketches and Research Summaries
Authors / Editors: Satomi Matsumoto and Ueda Iwate
Pub. Date: 2012- November. Binding: Hardcover

7.22 Recent Developments in Drug monitoring by HPLC.
Victoria F. Samanidou*, and Eftichia G. Karageorgou
Nova Publishers. Ed. Frank Columbus. 2009. ISBN: 978-1-60876-183-8
https://www.novapublishers.com/catalog/product_info.php?products_id=10925&osCsid=113af153ecad31d45dd1263372817705 softcover
https://www.novapublishers.com/catalog/product_info.php?products_id=24069&osCsid=113af153ecad31d45dd1263372817705 e-book

7.23 Sample preparation overview for the chromatographic determination of 1,4-Benzodiazepines in biological matrices. Chapter 7 in e-book under the title "*Reviews in Pharmaceutical and Biomedical Analysis*" of Bentham Science Publishing. Dr P. D. Tzanavaras,C. K. Zacharis, E-book Editors.
Mohammad Nasir Uddin, **Victoria F. Samanidou*** and Ioannis N. Papadoyannis
DOI:10.2174/97816080519081100101
eISBN: 978-1-60805-190-8, 2010
ISBN: 978-1-60805-577-7
http://www.benthamscience.com/ebooks/9781608051908/contributors.htm

7.24 "The role of HPLC in the authenticity control of milk and dairy products".
Edited collection *Liquid Chromatography: Principles, Technology and Applications. Nova p.173-206, 2013.*
Victoria Samanidou*, Eftichia Karageorgou and Paraskevi Kourti,
https://www.novapublishers.com/catalog/product_info.php?products_id=41280&osCsid=113af153ecad31d45dd1263372817705 *hardcover*
https://www.novapublishers.com/catalog/product_info.php?products_id=41489&osCsid=113af153ecad31d45dd1263372817705 *e-book*

7.25. e-book entitled *Recent Advances in Medicinal Chemistry, Vol. 1,* 2012, 119-164
CHAPTER 5. HPLC and its Essential Role in the Analysis of Tricyclic Antidepressants in Biological Samples, **V. F. Samanidou***, M. K. Nika and I. N. Papadoyannis

7.26 Chapter 107 – Determination of Polyphenols and Major Purine Alkaloids in Coffee: An Overview, Chapter in COFFEE IN HEALTH AND DISEASE PREVENTION. Academic Press, an imprint of Elsevier. Editor Professor Victor R. Preedy.
V.Samanidou, Coffee in Health and Disease Prevention, 2015, Pages 971–981
doi:10.1016/B978-0-12-409517-5.00107-8

7.27 The new generation of HPLC columns: Evolution of packing materials. Chapter for book High-Performance Liquid Chromatography (HPLC): Principles, Practices and Procedures. Nova Publishers, 2013.
V.Samanidou*, C.Nazyropoulou
ISBN: 978-1-62948-858-5 e-book, **ISBN:** 978-1-62948-854-7 hardcover

7.28 LC method development & resolution optimization, including temperature effects. Chapter for the handbook "Analytical Separation Science, 6 volumes", Wiley-VCH (invited), 2013
Victoria F. Samanidou, Analytical Separation Science
Jared Anderson, Alain Berthod, Veronica Pino, Apryll M. Stalcup
ISBN: 978-3-527-33374-5, 2016

CHAPTER 2 BASIC LC METHOD DEVELOPMENT AND OPTIMIZATION
DOI: 10.1002/9783527678129.assep002

7.29 "Core-shell or fused-core particles" in Future Science eBook chapter - Chromatographic stationary phases: recent advances and novel applications
E. Makrygianni and V.Samanidou
Advances in Liquid Chromatography: New Developments in Stationary Phases and Supports for Drugs and Bioanalytical Applications
October 2015, Pages 136-150, Doi: 10.4155/fseb2013.14.64

7.30 Dried Blood Spots in TDM in Future Science eBook chapter - new sampling strategies in toxicology and therapeutic drug monitoring (invited)
D.Livadiotou and V.Samanidou
New Sampling Strategies in Toxicology and Therapeutic Drug Monitoring
October 2015, Pages 66-78, Doi: 10.4155/fseb2013.14.33

7.31. Stir Bar Sorptive Extraction (SBSE) applied to the analysis of biological fluids in Future Science eBook chapter "Sample extraction techniques for biological samples: recent advances and novel applications" (invited) C. Nazyropoulou and V.Samanidou 2014

7.32 Applications of functionalized carbon based nanomaterials in Analytical Chemistry chapter in the edited book *"Chemical Functionalization of Carbon Nanomaterials: Chemistry and Applications***".**
Victoria F.Samanidou* and Antigoni E. Koletti.
Chemical Functionalization of Carbon Nanomaterials: Chemistry and Applications
Ed Vijay Kumar Thakur, Manju Kumari Thakur, 2015 CRC Press
ISBN 9781482253948 - CAT# K23939

7.33 Kerezoudi, C., Samanidou, V.F., Palaghias, G. Nanobiomaterials in restorative dentistry, in Nanobiomaterials in Dentistry: Applications of Nanobiomaterials, 2016, 11 pp. 107 – 132**.**

7.34 BIOANALYTICAL CHEMISTRY-Tutorial E BOOK. Author in 4 chapters

7.35 Kissoudi, M.P., Samanidou, V.F. Isolation, purification and characterization of proteins Analytical Chemistry: Developments, Applications and Challenges in Food Analysis, pp. 367-386.2017

7.36 Sample Preparation in LC-MS Bioanalysis, Wenkui Li (Editor), Wenying Jian (Editor), Yunlin Fu (Editor)
chapter 12 Stir-bar Sorptive Extraction for Sample Preparation in LC-MS Bioanalysis 152
Maria Kechagia, Maria Kissoudi, and Victoria F. Samanidou
https://www.wiley.com/en-gr/Sample+Preparation+in+LC+MS+Bioanalysis-p-9781119274292?fbclid=IwAR1804TcRrFsuVnwcefcC0XUl2eu0PbY0EaFh9GE8tACkpbA9h9rCEjkzBQ

7.37 Trends in Sample Preparation
ISBN 978-3-03842-705-6 (Pbk) ISBN 978-3-03842-706-3 (PDF) Open Access

TRENDS IN MICROEXTRACTION TECHNIQUES FOR SAMPLE PREPARATION
Victoria F. Samanidou (Ed.)
Pages: VIII, 238 Published: January 2018
(This book is a printed edition of the Special Issue Trends in Microextraction Techniques for Sample Preparation that was published in *Separations*)
http://www.mdpi.com/books/pdfview/book/510

7.38. Carbon nanotubes as sorbent materials for the extraction of pharmaceutical products followed by chromatographic analysis Chapter 5 Grumezescu Elsevier
Dimitrios Bitas, Victoria Samanidou
https://books.google.gr/books?id=1084DwAAQBAJ&pg=PA697&lpg=PA697&dq=Fullerene,+Graphene+and+Nanotubes:+A+Pharmaceutical+Approach+(ISBN:+978-0-12-813691-1)&source=bl&ots=xjbVcqsqUu&sig=R9He8wcq9NHGTcg8PLKbizxQws4&hl=el&sa=X&ved=2ahUKEwj00MjI_77bAhXIDMAKHSKnASkQ6AEwAHoECAEQMQ#v=onepage&q=Fullerene%2C%2

0Graphene%20and%20Nanotubes%3A%20A%20Pharmaceutical%20Approach%20(ISBN%3A%20978-0-12-813691-1)&f=false

7.39 https://www.novapublishers.com/catalog/product_info.php?products_id=64473
Chapter 3. Graphene Based Materials in Sample Preparation Prior to HPLC Analysis and Their Applications
(Martha Maggira and Victoria F. Samanidou, Laboratory of Analytical Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece)
High-Performance Liquid Chromatography: Types, Parameters and Applications

7.40 Extraction Techniques of Phenolic Compounds and Other Bioactive Compounds from Medicinal and Aromatic Plants
Natalia Manousi, Ioannis Sarakatsianos, Victoria Samanidou Chapter 10, in **Engineering Tools in the Beverage Industry,1st Edition,Volume 3: The Science of Beverages, Elsevier 2019.**https://www.elsevier.com/books/engineering-tools-in-the-beverage-industry/grumezescu/978-0-12-815258-4

7.41 Solid-Phase Extraction: Procedure, Applications and Effects
Editors: Ben Benson, Nova Publishers
Chapter 4. The Evolution of SPE Sorbents in a Timeline
(Efstratios Agadellis, Artemis Lioupi and Victoria Samanidou, Laboratory of Analytical Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece)
https://www.novapublishers.com/catalog/product_info.php?products_id=65759
ISBN: 978-1-53614-582-3

7.42 Biomedical Applications. Chapter 23
Dimitrios Bitas, Victoria Samanidou Elsevier, Editor Colin Poole, 2019
Liquid-Phase Extraction Handbooks in Separation Science, 2020, Pages 683-723
https://doi.org/10.1016/B978-0-12-816911-7.00023-2

7.43 Molecules Special Issue Solid Phase Extraction State of the Art and Future Perspectives Mdpi
ISBN 978-3-03921-158-6 (Pbk) ISBN 978-3-03921-159-3 (PDF)

7.44 Molecules MOFs Synthesis and application
ISBN 978-3-03928-486-3 (Pbk) ISBN 978-3-03928-487-0 (PDF)

7.45 ADVANCES IN CHEMICAL ANALYSIS PROCEDURES (PART I)

ISBN 978-3-03936-577-7 (Hbk); ISBN 978-3-03936-578-4 (PDF)
https://doi.org/10.3390/books978-3-03936-578-4 (registering DOI)
https://www.mdpi.com/books/pdfview/book/2548

7.46 Advances in Chemical Analysis Procedures (Part II)
Statistical and Chemometric ApproachesISBN 978-3-03936-786-3 (Hbk); ISBN 978-3-03936-787-0 (PDF)
https://doi.org/10.3390/books978-3-03936-787-0 (registering DOI)
https://www.mdpi.com/books/pdfview/book/2723
© 2020 by the authors; CC BY licence
Marcello Locatelli, Victoria Samanidou, Angela Tartaglia, Dora Melucci, Abuzar Kabir, Halil Ibrahim Ulusoy (Eds.) Pages: 224 Published: August 2020
This book is a printed edition of the Special Issue Advances in Chemical Analysis Procedures (Part II): Statistical and Chemometric Approaches that was published in *Molecules*

7.47 Five Years of Separations: Feature Paper 2018"
ISBN 978-3-03936-924-9 (Hbk); ISBN 978-3-03936-925-6 (PDF)
https://doi.org/10.3390/books978-3-03936-925-6 (registering DOI)
https://www.mdpi.com/books/pdfview/book/2738
Victoria Samanidou and Rafael Lucena (Eds.)
Pages: 152
Published: August 2020

7.48 Research as Development Perspective.
ISBN 978-3-03936-930-0 (Hbk); ISBN 978-3-03936-931-7 (PDF)
https://doi.org/10.3390/books978-3-03936-931-7 (registering DOI)

Victoria Samanidou and George Zachariadis (Eds.)
Pages: 118
https://www.mdpi.com/books/pdfview/book/2973

7.49 Sample Preparation-Quo Vadis: Current Status of Sample Preparation Approaches
Victoria Samanidou and Irene Panderi
(Eds.)
ISBN 978-3-0365-1310-2 (Hbk)
ISBN 978-3-0365-1309-6 (PDF)
Pages 202
https://doi.org/10.3390/books978-3-0365-1309-6 (registering DOI)
https://www.mdpi.com/books/pdfview/book/4406

7.50 Analytical Sample Preparation With Nano- and Other High-Performance Materials
2021, Pages 199-228
Chapter 9 - Membrane sorptive phases
Dimitro Bitas, Victoria Samanidou, Abuzar Kabir, Rafael Lucena, Soledad Cárdenas
https://www.sciencedirect.com/science/article/pii/B9780128221396000158
https://doi.org/10.1016/B978-0-12-822139-6.00015-8

7.51 Stir Bar Sorptive Extraction in Analytical Toxicology Studies
Natasa P. Kalogiouri, Elisavet-Ioanna Diamantopoulou, Victoria F. Samanidou
Book: Microextraction Techniques in Analytical Toxicology
https://www.taylorfrancis.com/chapters/edit/10.1201/9781003128298-4/stir-bar-sorptive-extraction-analytical-toxicology-studies-natasa-kalogiouri-elisavet-ioanna-diamantopoulou-victoria-samanidou?context=ubx&refId=a092be95-4114-4e5e-b0cf-342163694dc2
Edition 1st Edition, First Published2021, ImprintCRC Press
eBook ISBN9781003128298

7.52 Chromatography-The Ultimate Analytical Tool
ISBN 978-3-0365-4078-8 (Hbk); ISBN 978-3-0365-4077-1 (PDF)
https://doi.org/10.3390/books978-3-0365-4077-1 (registering DOI)
Victoria Samanidou and Natasa Kalogiouri (Eds.)
Pages: 200, Published: May 2022
https://www.mdpi.com/books/pdfview/book/5409

7.53 STATE OF THE ART IN SEPARATION SCIENCE
ISBN 978-3-0365-5385-6 (Hbk); ISBN 978-3-0365-5386-3 (PDF)
https://doi.org/10.3390/books978-3-0365-5386-3 (registering DOI)
Victoria Samanidou (Ed.)
Pages: 144, Published: September 2022
https://www.mdpi.com/books/book/6129-state-of-the-art-in-separation-science

7.54 CHAPTER 5 - SAMPLE PREPARATION IN A GREEN PERSPECTIVE
Orfeas-EvangelosPlastiras Emanuela Gionfriddo Victoria F.Samanidou
in Green Approaches for Chemical Analysis
2023, Pages 151-172
https://doi.org/10.1016/B978-0-12-822234-8.00008-1

https://www.elsevier.com/books/green-approaches-for-chemical-analysis/gionfriddo/978-0-12-822234-8?utm_source=google_ads&utm_medium=paid_search&utm_campaign=usdsa&gclid=CjwKCAiAqt-dBhBcEiwATw-

ggBmG5Hmfb5UwI1P3yQoUzbBRc1t6vnXPyG2uVf4snFSbLKFCzn3dBxoC0McQAvD_BwE&gclsrc=aw.ds

7.55 Sample_Preparation-Quo Vadis:Current Status of Sample Preparation Approaches-2nd Edition
Victoria Samanidou and Irene Panderi (Eds)
188 pages, 2022
https://www.mdpi.com/books/book/6322-sample-preparation-quo-vadis-current-status-of-sample-preparation-approaches-2nd-edition

7.56 Comprehensive Analytical Chemistry
SAMPLE PREPARATION IN SMARTPHONE-BASED ANALYSIS: CURRENT STATUS AND CHALLENGES
Natasa P. Kalogiouri, Victoria F. Samanidou
https://doi.org/10.1016/bs.coac.2023.01.003

8. REVIEW ARTICLES

8.1. Validation of HPLC Instrumentation.
Ioannis N. Papadoyannis and **Victoria F. Samanidou**.
J. Liq.Chromatogr. & Rel.Technol. Vol. 27, No. 5, 753–783 (2004).
http://www.tandfonline.com/doi/full/10.1081/JLC-120029697#.UbSeRdjC1HI

8.2. Recent Advances in Analytical Techniques used for the Determination of Fluoro-quinolones in Pharmaceuticals and Samples of Biological Origin - a Review Article
V. F. Samanidou, E. A. Christodoulou, I. N. Papadoyannis.
Current Pharmaceutical Analysis, 1 (2), 155-193 (2005).
http://www.benthamscience.com/contents.php?in=4389&m=June&y=2005

8.3. Advances in Chromatographic Analyses of Fluoroquinolones in Pharmaceuticals and Biological Samples - A Review Article
V. F. Samanidou, E. A. Christodoulou, I. N. Papadoyannis
Current Pharmaceutical Analysis, 1 (3) 283-308 (2005).
http://www.benthamscience.com/cpa/contabs/cpa1-3.htm

8.4. Analytical methods for the qualitative and quantitative determination of alkannins and shikonins.
V.P. Papageorgiou, A.N. Assimopoulou, **V. F. Samanidou**, I.N. Papadoyannis
Current Organic Chemistry., Vol. 10 (5), 583-622 (2006).
http://www.benthamscience.com/coc/contabs/coc10-5.htm

8.5. Advances in Chromatographic Analysis of Tetracyclines in Foodstuffs of Animal Origin –A Review.
V. F. Samanidou, K. I. Nikolaidou, I. N. Papadoyannis
Separation and Purification Reviews (2007). Volume 36 Issue 1, 1-69.
http://www.tandfonline.com/doi/full/10.1080/15422110600822758#.UbSdktjC1HI

8.6. Recent Advances in Chemistry, Biology and Biotechnology of Alkannins and Shikonins.
V.P. Papageorgiou, A.N. Assimopoulou, **V. F. Samanidou** and I.N. Papadoyannis
Current Organic Chemistry. Vol. 10 (16), 2123-2142 (2006).
http://www.benthamdirect.org/pages/content.php?COC/2006/00000010/00000016/0005D.SGM

8.7. Chromatographic Analysis of Penicillins in Pharmaceutical Formulations and Biological Fluids.
V. F. Samanidou, E. N. Evaggelopoulou and I. N. Papadoyannis
J. Sep. Sci. Special issue. Vol. 29 (12), 1879 – 1908 (2006).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200600137/abstract

8.8. Residue Analysis of Penicillins in Food Products of Animal Origin by High Performance Liquid Chromatography. (μετά από πρόσκληση)
V. F. Samanidou*, S. A. Nisyriou and I. N. Papadoyannis
J. Liquid Chromatogr. & Rel.Technol. 30: 1145–1204, (2007).
http://www.tandfonline.com/doi/full/10.1080/10826070701274320#.UbSer9jC1HI

8.9. Analytical Strategies to determine antibiotic residues in fish.
Victoria F. Samanidou*, Evaggelia N.Evaggelopoulou.
J. Sep. Sci. 2007, 30 (16), 2549 – 2569.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700252/abstract

8.10. HPLC as a tool in medicinal chemistry for the monitoring of tricyclic antidepressants in biofluids. (μετά από πρόσκληση)
Victoria F. Samanidou*, Maria Nika and Ioannis N. Papadoyannis
Mini Reviews Medicinal Chemistry, 8(3), 256-275 (2008).
http://www.benthamdirect.org/pages/content.php?MRMC/2008/00000008/00000003/0008N.SGM

8.11. Multi-residue methods for confirmatory determination of antibiotics in milk.
V. F. Samanidou*, S. A. Nisyriou.
J. Sep. Sci. 31 (11), 2068-2090, 2008.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700647/abstract

8.12 Chromatographic analysis of banned antibacterial growth promoters in animal feed. (invited)
V.F. Samanidou*, E.Evaggelopoulou. J. Sep. Sci. 31 (11), 2091-2112, 2008.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200800075/abstract

8.13. Chromatographic Residue Analysis of Sulfonamides in Foodstuffs of Animal Origin
V. F. Samanidou, E.P.Tolika and I. N. Papadoyannis
Separation & Purification Reviews, 37: 325–371, 2008.
http://www.tandfonline.com/doi/full/10.1080/15422110802177472#.UbSdwdjC1HI

8.14 Modern bioanalytical methods for the rapid detection of antidepressants: SNRIs and SSRIs, in human biological samples
V. Samanidou*, P. Kourti. Bioanalysis 2009, 1(2), 451-488.
http://www.future-science.com/doi/abs/10.4155/bio.09.38

8.15. Benzodiazepines: Sample Preparation and HPLC Methods for Their Determination in Biological Samples-A Review Article
V. F. Samanidou*, M. Nasir Uddin, I. N. Papadoyannis.
Bioanalysis, July 2009, Vol. 1, No. 4, Pages 755-784.
http://www.future-science.com/doi/abs/10.4155/bio.09.43

8.16. Monolithic columns: the new era in the analysis of organic compounds by liquid chromatographic techniques. E.Karageorgou and **V.Samanidou***
Current Organic Chemistry. 2010. Thematic issue: "Recent advances in chemical analysis of organic compounds".
Volume 14, Number 19, November 2010 pp. 2310-2328 (19)
http://www.benthamdirect.org/pages/content.php?COC/2010/00000014/00000019/0008D.SGM

8.17. Analysis of organic components released from dental resin composites in saliva and other biological fluids using chromatographic techniques.
Margarita Chatzicharalampous and **Victoria F. Samanidou***.
Current Organic Chemistry. 2010. Thematic issue: "Recent advances in chemical analysis of organic compounds".Vol.14 (19), November 2010 pp. 2329-2336 (8)
http://www.benthamdirect.org/pages/content.php?COC/2010/00000014/00000019/0009D.SGM

8.18. An Overview of Chromatographic Analysis of Sulfonamides in Pharmaceutical Preparations and Biological Fluids
Evanthia P. Tolika, **Victoria F. Samanidou** and Ioannis N. Papadoyannis*

Current Pharmaceutical Analysis, Volume 6, Number 3, August 2010 , pp. 198-212(15).
http://www.benthamscience.com/cpa/contabs/cpa6-3.htm

8.19 Bio-sample preparation and analytical methods for the determination of tricyclic antidepressants.
Mohammad Nasir Uddin, **Victoria F. Samanidou** and Ioannis N. Papadoyannis
Bioanalysis, January 2011, Vol. 3, No. 1, Pages 97-118.
http://www.future-science.com/doi/abs/10.4155/bio.10.160

8.20 An overview of the use of monoliths in sample preparation and analysis of milk.
V.Samanidou*, E.Karageorgou
Journal of Separation Science. Special Issue by invitation.2011
J. Sep. Sci. 2011, 34, 2013–2025. Selected for the Virtual Issue "Column Technology". Virtual Issues are compiled from published articles and are assembled either by topic or by impact.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100101/abstract

8.21 Drugs of Abuse: Epigenetic Mechanisms in Toxicity and Addiction.
L. Kovatsi, D. Fragou, **V. Samanidou**, S. Njau *and* S. Kouidou
Current Medicinal Chemistry. Volume 18, Number 12, 2011. Pp. 1765-1774
http://www.benthamscience.com/cmc/contabs/cmc18-12.htm#6

8.22 Novel strategies for sample preparation in forensic toxicology
Victoria Samanidou*, Leda Kovatsi, Domniki Fragou, Konstantinos Rentifis
Bioanalysis (2011) 3(17), 2019–2046
http://www.future-science.com/doi/abs/10.4155/bio.11.168

8.23 Atypical antipsychotics: trends in analysis and sample preparation of various biological samples.
Domniki Fragou, Spyridoula Dotsika, Parthena Sarafidou, **Victoria Samanidou**, Samuel Njau, and Leda Kovatsi
Bioanalysis, May 2012, Vol. 4, No. 8 , Pages 961-980.
http://www.future-science.com/doi/abs/10.4155/bio.12.55

8.24 Carbon nanotubes in sample preparation. **V.Samanidou*,** E.Karageorgou
Current Organic Chemistry, 2012, 16 (14), 1645-1669 (Review Article) by invitation.
http://www.eurekaselect.com/node/596/current-organic-chemistry/issue/16/163/14/4574
DOI: 10.2174/138527212800840928

8.25. Bio-Sample Preparation and Gas Chromatographic Determination of Benzodiazepines— A Review
Mohammad Nasir Uddin*, **Victoria F. Samanidou** and Ioannis N. Papadoyannis
Journal of Chromatographic Science 2013;1–12. doi: 10.1093/chromsci/bms263
http://chromsci.oxfordjournals.org/content/early/2013/01/24/chromsci.bms263.abstract

8.26 Recent advances in the bioanalysis of modified nucleotides in epigenetic studies
Domniki Fragou, Aikaterini Fragou, Victoria Samanidou, Sofia Kouidou, Samuel Njau, Leda Kovatsi. Bioanalysis, Vol. 5, No. 23, December 2013: 2947-2956
http://www.future-science.com/doi/pdf/10.4155/bio.13.270

8.27 Youden test application in robustness assays during method validation
Eftichia Karageorgou and Victoria Samanidou
J. Chromatogr. A. 2014. 1351, *Pages 131-139*
http://dx.doi.org/10.1016/j.chroma.2014.01.050

8.28 An Overview on Total Analytical Methods for the Detection of 1,4-Benzodiazepines
Mohammad Nasir Uddin*, Victoria F, Samanidou and Ioannis N Papadoyannis
Pharm Anal Acta 2014, 5:6
http://dx.doi.org/10.4172/2153-2435.1000303

8.29 Stir Bar Sorptive Extraction (SBSE) applied to the analysis of biological fluids (invited)
Chrysoula Nazyropoulou and **Victoria Samanidou**, 2015 Bioanalysis, Vol. 7, No. 17 Pages 2241-2250. (doi: 10.4155/bio.15.129)

8.30 On the extraction of antibiotics from shrimps prior to chromatographic analysis. Victoria Samanidou *, Stamatia Charitonos, Ioannis Papadoyannis Dimitris Bitas, Chromatography, Special issue on Trends in Microextraction for sample preparation. *Ex Chromatography – Now: Separations* **2016**, *3(1)*, 8; 1-43. doi:10.3390/chromatography3010008

8.31 Green approaches in sample preparation of bioanalytical samples prior to chromatographic analysis. Olga Filippou, Dimitris Bitas, Victoria Samanidou J. Chromatography B. Special Issue Sample Preparation. 1043 (2017) 44-62. http://dx.doi.org/10.1016/j.jchromb.2016.08.040

8.32 Trends in Microextraction based methods for the determination of sulfonamides in milk. Victoria Samanidou, Maria Kechagia Separations 2017, Special Issue "Trends in Microextraction Techniques for Sample Preparation" *Separations* **2017**, *4*(3), 23; doi:10.3390/separations4030023 http://www.mdpi.com/2297-8739/4/3/23

8.33 A review for the synthesis of silk fibroin nanoparticles with different techniques and their ability to be used for drug delivery
Olga Gianak, George Z. Kyzas, Victoria F. Samanidou, Eleni A. Deliyanni
https://benthamscience.com/journals/current-analytical-chemistry/article/165487/
DOI : 10.2174/1573411014666180917110650
Current Analytical Chemistry, 2019, 15, 339-348

8.34 Molecularly imprinted polymers as extracting media for the chromatographic determination of antibiotics in milk
Dimitrios Bitas, Victoria Samanidou. Molecules, mdpi Accepted 2018
Molecules **2018**, *23*(2), 316; doi:10.3390/molecules23020316 (registering DOI)

8.35 Food sample preparation for the determination of sulfonamides by high-performance liquid chromatography: State-of-the-art
Dimitrios Bitas, Abuzar Kabir, Marcello Locatelli, Victoria Samanidou
Separations **2018**, *5*(2), 31; https://doi.org/10.3390/separations5020031

8.36 On–line fabric disk sorptive extraction via a flow preconcentration platform coupled with atomic absorption spectrometry for the determination of essential and toxic elements in biological samples
Viktoria Kazantzi, Victoria Samanidou, Abuzar Kabir, Kenneth Furton, Aristidis Anthemidis, *Separations* **2018**, *5*(3), 34
https://doi.org/10.3390/separations5030034

8.37 Recent advances in applications of ionic liquids in miniaturized microextraction techniques
Victoria Samanidou *, Maria Kissoudi. Molecules, **2018**, *23*(6), 1437
https://doi.org/10.3390/molecules23061437

8.38 Fabric Phase Sorptive Extraction: Current State of the Art and Future Perspectives
Eirini Zilfidou [1], Abuzar Kabir [2], Kenneth G. Furton [2] and Victoria Samanidou [1,*]
Separations **2018**, *5*(3), 40; https://doi.org/10.3390/separations5030040

8.39 Applications of Metal-Organic Frameworks in Food Sample Preparation
Natalia Manousi, George Zachariadis, Eleni Deliyanni, Victoria Samanidou
Molecules 2018, 23(11), 2896; https://doi.org/10.3390/molecules23112896

8.40 Trends in the Analysis of Biopharmaceuticals by HPLC
Angela Tartaglia, Marcello Locatelli, Victoria Samanidou*
Current Analytical Chemistry, 2020, 16, 52-58.
DOI: 10.2174/1573411015666181205114810

8.41 Trends in sample preparation for the HPLC determination of penicillins in bio-fluids
Vasileios Alampanos, Victoria F. Samanidou, I. Papadoyannis
J. of Applied Bioanalysis (2019) Vol. 5, No. 1, 9-17.
http://dx.doi.org/10.17145/jab.19.003

8.42 Recent Trends in the Development of Green Microextraction Techniques for the Determination of Hazardous Organic Compounds in Wine
N.Kalogiouri, V.Samanidou
Current Analytical Chemistry 2019, Vol. 15, No. 7, 788-800, 2019.
https://doi.org/10.2174/1573411015666190328185337

8.43 Applications of Gas Chromatography for the Analysis of Tricyclic Antidepressants in Biological Matrices
Natalia Manousi, Victoria Samanidou
Separations 2019, 6, 24; doi:10.3390/separations6020024

8.44 Smoking and DNA methylation: Correlation of methylation with smoking behavior and association with diseases and fetus development following prenatal exposure.
Fragou D, Pakkidi E, Aschner M, Samanidou V, Kovatsi L.
Toxicol. 2019 May 4. pii: S0278-6915(19)30258-3. doi: 10.1016/j.fct.2019.04.059.
PMID: 31063835 DOI: 10.1016/j.fct.2019.04.059
Food and Chemical Toxicology 129 (2019) 312–327

8.45 Recent advances in the HPLC analysis of Tricyclic Antidepressants in bio-samples
Natalia Manousi, Victoria F. Samanidou
Mini Reviews in Medicinal Chemistry (2019) accepted. Vol. 19, No. 20, 2019.
DOI: 10.2174/1389557519666190617150518

8.46 Advances in the optimization of chromatographic conditions for the separation of antioxidants in functional foods
N.Kalogiouri, V.Samanidou
Reviews in Separation Science Accepted 2019

8.47 Magnetic solid-phase extraction of organic compounds based on graphene oxide nanocomposites
Natalia Manousi, Erwin Egon Rosenberg, Eleni A. Deliyanni, George Zachariadis, Victoria F. Samanidou *
Molecules **2020**, 25(5), 1148; https://doi.org/10.3390/molecules25051148

8.48 Bioanalysis as a powerful tool in dentistry: The case of short-term and long-term release of monomers from dental composites.
E-I Diamantopoulou and V.Samanidou.
Journal of Applied Bioanalysis. Vol.6. No.2. pages 76-92 (2020).
Published 15 June 2020. https://doi.org/10.17145/jab.20.010 | (ISSN 2405-710X).

8.49 Liquid Chromatographic methods coupled to chemometrics: The key workflow to investigate the wine phenolic composition as affected by environmental factors.
Environmental Science and Pollution Research 2020 Accepted
N.Kalogiouri, V.Samanidou. DOI: 10.1007/s11356-020-09681-5

8.50 Advances in the chromatographic separation and determination of bioactive compounds for assessing the nutrient profile of nuts
Natasa P. Kalogiouri*, Natalia Manousi, Erwin Rosenberg, George A. Zachariadis, Victoria F. Samanidou
Current Analytical Chemistry, 17(4): 495 – 511, 2021
DOI: 10.2174/1573411016999200729111951

8.51 Recent advances in miniaturized microextraction techniques for the determination of bisphenols in environmental samples – An overview of the last two decades
Athanasios Tsalbouris, Natasa P. Kalogiouri, Victoria F. Samanidou
Current Analytical Chemistry, 17(4): 478 – 494, 2021
DOI: 10.2174/1573411016999200930115626

8.52 MICROEXTRACTION TECHNIQUES WITH DEEP EUTECTIC SOLVENTS
Orfeas-Evangelos Plastiras,Eirini Andreasidou andVictoria Samanidou
Molecules **2020**, *25*(24), 6026;
https://doi.org/10.3390/molecules25246026 (registering DOI)

8.53 An overview of HPLC methods for the determination of parabens in biological matrices
V.Alampanos and V.Samanidou
Microchemical Journal 2021 Volume 164, May 2021, 105995
https://doi.org/10.1016/j.microc.2021.105995

8.54 Green sample preparation of alternative biosamples in forensic toxicology
N.Manousi and V.Samanidou
Sustainable Chemistry and Pharmacy. Volume 20, May 2021, 100388
https://doi.org/10.1016/j.scp.2021.100388

8.55 Fabric Phase Sorptive Extraction: A Paradigm Shift Approach in Analytical and Bioanalytical Sample Preparation
Abuzar Kabir, Victoria Samanidou *
Molecules 2021, 26, 865. https://doi.org/10.3390/molecules26040865

8.56 Applications of graphene-based nanomaterials in Environmental Analysis
Orfeas-Evangelos Plastiras, Eleni Deliyianni, Victoria Samanidou *
Appl. Sci. 2021, 11(7), 3028.
https://doi.org/10.3390/app11073028

8.57 Current trends in green sample preparation prior to liquid chromatographic bioanalysis
V.Alampanos and V.Samanidou
Current Opinion in Green and Sustainable Chemistry 2021, 31:100499
https://doi.org/10.1016/j.cogsc.2021.100499

8.58 Novel Applications of Microextraction Techniques Focused on Biological and Forensic Analyses
Cristian D'Ovidio, Martina Bonelli, Enrica Rosato, Angela Tartaglia, Halil İbrahim Ulusoy, Victoria Samanidou, Kenneth G. Furton, Abuzar Kabir, Imran Ali, Fabio Savini, Marcello Locatelli and Ugo de Grazia
Separations **2022**, 9(1), 18; https://doi.org/10.3390/separations9010018 (registering DOI)

8.59 Magnetic Nanomaterials and Nanostructures in sample preparation prior to Liquid Chromatography
Georgios Antoniou, Victoria Samanidou
Magnetochemistry 2022,

8.60 Analytical Methods for Nanomaterial Determination in Biological Matrices
Magdalini Vladitsi, Charalampia Nikolaou, Natasa Kalogiouri, Victoria Samanidou *
Methods and protocols mdpi

8.61 Applications of Deep Eutectic Solvents in Sample Preparation and Extraction of Organic Molecules
Orfeas Evangelos Plastiras, Victoria Samanidou *

8.62 Novel Sorptive Sample Preparation Techniques for Separation Science
Victoria Samanidou and Abuzar Kabir
Vol 36 No 2 LCGC Europe March 2023 Regular Issue, page 79
https://www.chromatographyonline.com/journals/lcgc-europe
https://www.chromatographyonline.com/view/novel-sorptive-sample-preparation-techniques-for-separation-science

8.63 GREEN SAMPLE PREPARATION METHODS FOR THE ANALYSIS OF BIOACTIVE COMPOUNDS IN BEE PRODUCTS: A REVIEW
Advances in Sample Preparation
Adrián Fuente-Ballesteros, Ioannis Privolos, Ana M. Ares, Victoria Samanidou, José Bernal
https://doi.org/10.1016/j.sampre.2023.100060

8.64 Bisphenol A and its analogs migrated from contact materials into food and beverages: An updated review in sample preparation approaches
Ioannis Priovolos and Victoria Samanidou
Journal of Separation Science accepted
https://doi.org/10.1002/jssc.202300081

8.65 Miniaturized Solid Phase Extraction techniques for different kind of pollutants analysis: State of the art and future perspectives – PART 1
Justyna Płotka-Wasylka, Natalia Jatkowska, Monika Paszkiewicz, MagdaCaban, Michel Y.Fares, Aysegul Dogan, Salvador Garrigues, Natalia Manousi, Natasa Kalogiouri, Paweł Mateusz Nowak, Victoria F.Samanidou, Miguel de la Guardia
Trends in Analytical Chemistry 162 (2023) 117034
https://doi.org/10.1016/j.trac.2023.117034

9. ORIGINAL RESEARCH ARTICLES IN PEER REVIEWED JOURNALS WITH IMPACT FACTOR

9.1. Contamination of Roadside Vegetation with Lead, Cadmium and Zinc.
K.Fytianos, G.Vasilikiotis and **V. Samanidou**.
Chemosphere, 14, 271-277 (1985).
http://dx.doi.org/10.1016/j.chroma.2008.07.003

9.2. Comparative Study of Heavy Metals Pollution in Various Rivers and Lakes of N. Greece.
K.Fytianos, **V.Samanidou** and T.Agelidis.
Ambio, 15(1), 42-44 (1986).

9.3. Distribution of Nutrients in the Thermaikos Gulf, Greece.
V.Samanidou, K.Fytianos and G.Vasilikiotis.
The Sci. of Total Envir. 65, 181-189 (1987).
http://dx.doi.org/10.1016/0048-9697(87)90171-9

9.4. Partitioning of Heavy Metals into Selective Chemical Fractions in Sediments from N.Greece.
V.Samanidou and K.Fytianos. The Sci. of Total Envir. 67, 279-285 (1987).
http://dx.doi.org/10.1016/0048-9697(87)90219-1

9.5. Lead Concentrations in Airborne Particulates and Blood Samples in the Area of Thessaloniki, Greece.
V.Samanidou, K.Fytianos, G.Vasilikiotis and N.Vlaikidis.
J. Envir. Sci. and Health, A 23(3), 199-204 (1988).
http://www.tandfonline.com/doi/abs/10.1080/10934528809375404#.UbSZMdjC1HI

9.6. Comparative Study of Different Techniques for Nitrate Determination in Environmental Water Samples.
N.Raikos, K.Fytianos, C.Samara and **V.Samanidou**.
Fresenius Z. Anal. Chemistry, 331, 495-498 (1988).
http://link.springer.com/article/10.1007/BF00467037

9.7. Photochemical Decomposition of Carbamate Pesticides in Natural Waters of N.Greece.
V.Samanidou, K.Fytianos, G.Pfister and M.Bahadir.
The Sci. of Total Envir., 76, 85-92 (1988).
http://dx.doi.org/10.1016/0048-9697(88)90287-2,

9.8. Photodecomposition of Chlorophenols in Aqueous Medium in Presence of Hydrogen Peroxide. P.Moza, K.Fytianos, **V.Samanidou** and F.Korte. Bull. Envir. Contam. Toxic. 41, 678-682 (1988).
http://link.springer.com/article/10.1007/BF02021018

9.9. Distribution of Airborne Polycyclic Aromatic Hydrocarbons in the Area of

Thessaloniki, Greece. L.Weil, **V.Samanidou**, K.Fytianos. Toxic. & Envir. Chemistry, 20-21, 101-107, (1989).
http://www.tandfonline.com/doi/abs/10.1080/02772248909357365#.UbSX0djC1HI

9.10. Mobilization of Heavy Metals from River Sediments of Northern Greece by Complexing agents.
V.Samanidou and K.Fytianos. Water, Air and Soil Pollution, 52, 217-225 (1990).
http://link.springer.com/article/10.1007/BF00229434

9.11. Quick and Simple Simultaneous Determination for Some Aminoacids by Reversed-Phase HPLC with UV Detection. I.Papadoyannis, **V.Samanidou** and G.Theodoridis. J. Liquid Chromatogr. 14(7), 1409-1416 (1991).
http://www.tandfonline.com/doi/abs/10.1080/01483919108049328#.UbSYHNjC1HI

9.12. High-Performance Liquid Chromatographic Analysis of Theophylline in the Presence of Caffeine in Blood Serum and Pharmaceutical Formulations.
I.Papadoyannis, M.Georgarakis, **V.Samanidou** and G.Theodoridis.
J. Liquid Chromatogr. 14(8), 1587-1603 (1991).
http://www.tandfonline.com/doi/abs/10.1080/01483919108049637#.UbSZcdjC1HI

9.13. Mobilization of Heavy Metals from Rivers in Northern Greece by Humic Substances.**V.Samanidou**, I.Papadoyannis and G.Vasilikiotis.
J. Envir.Sci. Health, Part A, 26(7), 1055-1068 (1991).
http://www.tandfonline.com/doi/abs/10.1080/10934529109375686#.UbSXbdjC1HI

9.14. Vertical Distribution of Heavy Metals in Sediments from Rivers in N. Greece.
V.Samanidou, I.Papadoyannis and G.Vasilikiotis.
J. Envir.Sci. Health, Part A, 26(8), 1345-1361 (1991).
http://www.tandfonline.com/doi/abs/10.1080/10934529109375702#.UbSYRdjC1HI

9.15. Rapid Assay for the Determination of Tolfenamic Acid in Pharmaceutical Preparations and Biological Fluids by High-Performance Liquid Chromatography.
I.Papadoyannis, M.Georgarakis, **V.Samanidou** and A.Zotou.
J. Liquid Chromatogr. 14/15, 2951-2967 (1991).
http://www.tandfonline.com/doi/abs/10.1080/01483919108049368#.UbSaOtjC1HI

9.16. Study of Heavy Metal Pollution in the Waters of Axios and Aliakmon Rivers in N. Greece.
V**.Samanidou** and I.Papadoyannis.
J. Envir.Sci. Health, Part A, 27(3), 587-601 (1992).
http://www.tandfonline.com/doi/abs/10.1080/10934529209375750#.UbSbptjC1HI

9.17. Simultaneous Reversed-Phase Gradient HPLC Analysis of Anthranilic Acid Derivatives in Anti-inflammatory Drugs and Samples of Biological Interest.
I.N.Papadoyannis, A.C.Zotou and **V.F.Samanidou**.
J. Liquid Chromatogr. 15(11), 1923-1945 (1992).
http://www.tandfonline.com/doi/abs/10.1080/10826079208020868#.UbSf7tjC1HI

9.18. The Use of Bamifylline as Internal Standard in the Reversed Phase HPLC Analysis of Mefenamic Acid in Pharmaceuticals and Small Volumes of Biological Fluids. I.N.Papadoyannis, **V.F.Samanidou** and G.D.Panopoulou.
J. Liquid Chromatogr. 15/17, 3065-3086 (1992).
http://www.tandfonline.com/doi/abs/10.1080/10826079208016370#.UbSddNjC1HI

9.19. A Simple and Quick Solid Phase Extraction and Reversed Phase HPLC of Some Tropane Alkaloids in Biological Samples and Feedstuffs.
I.Papadoyannis, **V.Samanidou**, G.Theodoridis, G.Vasilikiotis, G. van Kempen and G.Beelen. J. Liquid Chromatogr. 16(5), 975-998 (1993).
http://www.tandfonline.com/doi/abs/10.1080/10826079308019565#.UbSg7tjC1HI

9.20. The Use of Theobromine as Internal Standard in the Rapid HPLC Analysis of Theophylline in Small Blood Serum Volume. I.N.Papadoyannis and **V.F.Samanidou**. Analytical Letters, 26(5), 851-866 (1993).

http://www.tandfonline.com/doi/abs/10.1080/00032719308019869#.UbSb5NjC1HI

9.21. Comparative Study of Different Solid-Phase Extraction Cartridges in the Simultaneous RP-HPLC Analysis of Morphine and Codeine in Biological Fluids. I.N.Papadoyannis, A.C.Zotou, **V.F.Samanidou**, G.Theodoridis and F.Zougrou. J. Liquid Chromatogr. 16/14, 3017-3040 (1993). http://www.tandfonline.com/doi/abs/10.1080/10826079308019630#.UbSbzdjC1HI

9.22. Comparison of a RP-HPLC Method with the Therapeutic Drug Monitoring System TD_X for the Determination of Theophylline in Blood Serum. I.Papadoyannis, **V.Samanidou**, H.Tsoukali-Papadopoulou and F. Epivatianou. Analytical Letters, 26(10), 2127-2142 (1993). http://www.tandfonline.com/doi/abs/10.1080/00032719308017457#.UbScs9jC1HI

9.23. Comparative Study of Solid-Phase Extraction Cartridges in the Simultaneous RP- HPLC Analysis of Bamifylline and its Major Metabolite AC-119 in Biological Fluids. I.Papadoyannis, **V.Samanidou**, A.Zotou and G.Tsioni. J. Liquid Chromatogr. 16(17), 3827-3845 (1993). http://www.tandfonline.com/doi/abs/10.1080/10826079308019670#.UbSZ3tjC1HI

9.24. Simultaneous Determination of Bamifylline and its Major Metabolite AC-119 by HPLC. I.Papadoyannis**, V.Samanidou** and A.Zotou. J. Liquid Chromatogr. 16(17), 3847-3861 (1993). http://www.tandfonline.com/doi/abs/10.1080/10826079308019671#.UbSYZ9jC1HI

9.25. Solid-Phase Extraction and RP-HPLC Analysis of Atropine Sulphate and Scopolamine-N-Butylbromide in Pharmaceutical Preparations and Biological Fluids.I.Papadoyannis, A.Zotou, **V.Samanidou** and E.Georgarakis. Instrumentation Science & Technology, 22(1), 83-103 (1994). http://www.tandfonline.com/doi/abs/10.1080/10739149408003023#.UbSZU9jC1HI

9.26. Highly Selective Simultaneous Determination of Eight Inorganic Anions by Single Column High Pressure Anion Chromatography in Drinking Water. I.Papadoyannis, **V.Samanidou** and A.Zotou. J. Liquid Chromatogr. 18(7), 1383-1403 (1995). http://www.tandfonline.com/doi/abs/10.1080/10826079508010419#.UbSYrNjC1HI

9.27. Solid-Phase Extraction Study and RP-HPLC Analysis of Lamotrigine in Human Biological Fluids and in Antiepileptic Tablet Formulations. I.Papadoyannis, A.Zotou and **V.Samanidou**. J. Liquid Chromatogr. 18/13, 2593-2609 (1995). http://www.tandfonline.com/doi/abs/10.1080/10826079508009311#.UbSdWNjC1HI

9.28. Solid-Phase Extraction Study and Photodiode Array RP-HPLC Analysis of Xanthine Derivatives in Human Biological Fluids. I.Papadoyannis, **V.Samanidou** and K.Georga. J. Liquid Chromatogr. 19(16), 2559-2578 (1996). http://www.tandfonline.com/doi/abs/10.1080/10826079608014038#.UbSdJdjC1HI

9.29. Simultaneous Determination of Nine Water and Fat Soluble Vitamins after SPE Separation and RP-HPLC Analysis in Pharmaceutical Preparations and Biological Fluids. I.N.Papadoyannis, G.K.Tsioni and **V.F.Samanidou**. J. Liquid Chromatogr. 20(19), 3203-3231 (1997). http://www.tandfonline.com/doi/abs/10.1080/10826079708000485#.UbSdP9jC1HI

9.30. Determination of Silver Iodide by High Pressure Ion Chromatography in Soil and Water Matrices after Solid Phase Extraction. I.N.Papadoyannis, **V.F.Samanidou** and K.V.Moutsis. J. Liquid Chromatogr. 21(3), 361-379 (1998). http://www.tandfonline.com/doi/abs/10.1080/10826079808000496#.UbSdB9jC1HI

9. 31. Soxhlet Extraction and Acid Digestion Methods for Silver Determination in Soils by Flame and Electrothermal Atomic Absorption Spectrometry. I.N.Papadoyannis, M.K.Sofoniou, **V.F.Samanidou**, G.A.Zachariadis, A.C.Zotou, H.A.Constantinidou and S.E.Tsiouris.

Instrumentation Science and Technology 25(4), 283-296 (1997).
http://www.tandfonline.com/doi/abs/10.1080/10739149709351472#.UbSgzdjC1HI

9.32. High pressure liquid chromatographic determination of hydrochlorothiazide in pharmaceutical preparations and human serum after solid phase extraction.
I.Papadoyannis, **V.Samanidou**, K.Georga and E.Georgarakis.
J. Liquid Chromatogr. 21(11), 1671-1683 (1998).
http://www.tandfonline.com/doi/abs/10.1080/10826079808001251#.UbSc8djC1HI

9.33. A Rapid And Simple High Pressure Liquid Chromatographic Method for Pharmacokinetic Study of Ciprofloxacin In Human Serum.
I.N. Papadoyannis, **V.F. Samanidou** And K.A. Georga.
Anal.Letters 31(10), 1717-1729 (1998).
http://www.tandfonline.com/doi/abs/10.1080/00032719808005254#.UbSc0tjC1HI

9.34. Simultaneous Determination of Nitrite and Nitrate in Drinking Water and Human Serum by High Performance Anion-Exchange Chromatography and UV Detection. I. N. Papadoyannis, **V. F. Samanidou** and Ch. C. Nitsos.
J. Liquid Chromatogr. & Rel. Technol. 22(13), 2023-2041(1999).
http://www.tandfonline.com/doi/full/10.1081/JLC-100101783#.UbSfUdjC1HI

9.35. Simultaneous Determination of Methyluric Acids in Biological Fluids by RP-HPLC Analysis after Solid Phase Extraction.
K. A. Georga, **V. F. Samanidou** and I. N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 22 (19), 2975-2990 (1999).
http://www.tandfonline.com/doi/full/10.1081/JLC-100102072

9.36. Rapid HPLC Analysis of Thyroid Gland Hormones Triiodothyronine (T_3) and Thyroxine (T_4) in Human Biological Fluids After SPE.
V. F. Samanidou, H. G. Gika and I. N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 23(5), 681-692 (2000).
http://www.tandfonline.com/doi/full/10.1081/JLC-100101481#.UbSfbNjC1HI

9.37. A Rapid HPLC Assay for the determination of Oxytetracycline in Commercial Pharmaceuticals. I. N. Papadoyannis, **V. F. Samanidou** and L. A. Kovatsi.
J. Pharm.Biomed. Anal. 23, 275-280 (2000).
http://dx.doi.org/10.1016/S0731-7085(00)00300-9

9.38. Improved Micro-Method for the HPLC Analysis of Caffeine and its Demethylated Metabolites in Human Biological Fluids After SPE.
K. A. Georga, **V. F. Samanidou** and I. N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 23(10), 1523-1537 (2000).
http://www.tandfonline.com/doi/full/10.1081/JLC-100100432#.UbSfj9jC1HI

9.39. Direct HPLC method for the routine determination of glycine betaine and its metabolite N,N-dimethylglycine in pharmacokinetic studies during homocystinuria therapy and in renal disorder monitoring.
V. F. Samanidou, A. H. Stafylis and I. N. Papadoyannis
J. Liquid Chromatogr. & Rel. Technol. 24(1),1-19 (2001).
http://www.tandfonline.com/doi/full/10.1081/JLC-100000322#.UbSfFNjC1HI

9.40. Gradient RP-HPLC determination of free phenolic acids in wines and wine vinegar samples after SPE, with Photodiode Array Identification.
V. F. Samanidou, C.V.Antoniou and I. N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 24(14), 2161-2176 (2001).
http://www.tandfonline.com/doi/full/10.1081/JLC-100104899#.UbSe_NjC1HI

9.41. Use of novel solid-phase extraction sorbent materials for high-performance liquid chromatography quantitation of caffeine metabolism products: methylxanthines and methyluric acids in samples of biological origin.
K.A. Georga, **V. F. Samanidou**, I.N. Papadoyannis.
J. Chromatogr. B 759 (2001) 209-218.
http://dx.doi.org/10.1016/S0378-4347(01)00251-1

9.42. Soil silver content of agricultural areas subjected to cloud seeding with AgI.
S.E. Tsiouris, F, A. Aravanopoulos, I.N. Papadoyannis, M.K.Sofoniou, N.Polyzopoulos, M.Christodoulou, **V.F.Samanidou**, G.A.Zachariadis, H.- I.A.Constantinidou.Fresenius Envir. Bull. 11 (9B): 697-702 Sp. Iss. (2002).
http://www.psp-parlar.de/details_artikel.asp?tabelle=FEBArtikel&artikel_id=144&jahr=2002
http://www.scopus.com/record/display.url?origin=citedby&eid=2-s2.0-0036758548&noHighlight=false&relpos=1

9.43. Direct Simultaneous Determination of Uremic toxins: Creatine, Creatinine, Uric acid, and Xanthine in Human Biofluids by HPLC.
V. F. Samanidou, A.S.Metaxa and I. N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 25(1), 43-57 (2002).
http://www.scopus.com/record/display.url?eid=2-s2.0-0036160311&origin=resultslist&sort=plf-f&src=s&st1=samanidou&st2=metaxa&sid=BD462B215D715DABDF2B00BD1B57AED0.CnvicAmOODVwpVrjSeqQ%3a220&sot=b&sdt=b&sl=48&s=%28AUTHOR-NAME%28samanidou%29+AND+AUTHOR-NAME%28metaxa%29%29&relpos=0&relpos=0&searchTerm=%28AUTHOR-NAME%28samanidou%29+AND+AUTHOR-NAME%28metaxa%29%29

9.44. Evaluation of Solid Phase Extraction Protocols for Isolation of Analgesic Compounds from Biological fluids prior to HPLC determination.
V. F. Samanidou, I.P. Imamidou and I. N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 25(2), 185-204 (2002).
http://www.tandfonline.com/doi/full/10.1081/JLC-100108739#.UbSfv9jC1HI

9.45. Determination of Fluoride Ions by Single Column High Pressure Anion Chromatography in Dentifrice Preparations and Body Fluids: Saliva and Blood Serum.
V. F. Samanidou, C. K. Zacharis, and I. N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 25(5), 803–818 (2002).
http://www.tandfonline.com/doi/full/10.1081/JLC-120003037#.UbSf2djC1HI

9.46. Clinical assay of nicotine and its metabolite, cotinine, in body fluids by HPLC following Solid Phase Extraction.
I. N. Papadoyannis **V. F. Samanidou**, P.G.Stefanidou.
J. Liquid Chromatogr. & Rel. Technol. 25(13-15), 2315-2336 (2002).
http://www.tandfonline.com/doi/full/10.1081/JLC-120014006#.UbSfpdjC1HI

9.47. Development of a solid phase extraction protocol for the Simultaneous Determination of Anthracene and its oxidation Products in surface waters by Reversed-phase HPLC.
I. N. Papadoyannis, A. Zotou, and **V. F. Samanidou**.
J. Liquid Chromatogr. & Rel. Technol. 25(17), 2635–2653 (2002).
http://www.tandfonline.com/doi/full/10.1081/JLC-120014381#.UbScgdjC1HI

9.48. Direct determination of four fluoroquinolones, enoxacin, norfloxacin, ofloxacin, and ciprofloxacin, in pharmaceuticals and blood serum by HPLC.
V. F. Samanidou, C. E. Demetriou and I. N. Papadoyannis.
Anal. Bioanal. Chem. 375: 623-629(2003).
http://link.springer.com/article/10.1007/s00216-003-1749-9

9.49. Rapid and sensitive high-performance liquid chromatographic determination of four cephalosporin antibiotics in pharmaceuticals and body fluids.
V. F. Samanidou, E. A. Hapeshi and I. N. Papadoyannis.
J. Chromatogr. B Vol. 788, Iss. 1, 147-158 (2003).
http://dx.doi.org/10.1016/S1570-0232(02)01040-1

9.50. Soil silver mobility in areas subjected to cloud seeding with AgI.
Tsiouris SE, Aravanopoulos FA, Papadoyannis IN, Sofoniou MK, **Samanidou VF**, Zachariadis GA, Constantinidou HIA

Fresenius Environmental Bulletin 12 (9): 1059-1063 (2003).
http://www.scopus.com/record/display.url?origin=citedby&eid=2-s2.0-0142124209&noHighlight=false&relpos=0

9.51. Development and Validation of a Gradient-HPLC-PDAD Method for the Identification of Ballpoint Pen Ink Components: Study of Their Decomposition on Aging for Forensic Science Applications.
V. F. Samanidou, K. I. Nikolaidou, and I. N. Papadoyannis.
J. Liq.Chromatogr. & Rel.Technol. Vol. 27, No. 2, 215-235 (2004).
http://www.tandfonline.com/doi/full/10.1081/JLC-120027097#.UbSeINjC1HI

9.52. Development of a validated HPLC method for the simultaneous determination of eight fat-soluble vitamins in biological fluids after solid phase extraction.
P. F. Chatzimichalakis, **V. F. Samanidou** and I. N. Papadoyannis
J. Chromatogr. B Vol 805/2, 289-296 (2004).
http://dx.doi.org/10.1016/j.jchromb.2004.03.009,

9.53. A simple and rapid high pressure liquid chromatographic method for the determination of quinine in soft drinks using fluorescence detection.
V. F. Samanidou, E. N. Evaggelopoulou and I. N. Papadoyannis
J. Liq.Chromatogr. & Rel.Technol. Vol. 27, No. 15, 2397–2406 (2004).
http://www.tandfonline.com/doi/full/10.1081/JLC-200028156#.UbSgtNjC1HI

9.54. Use of monolithic column to improve the simultaneous determination of four cephalosporin antibiotics in pharmaceuticals and body fluids by liquid chromatography after solid-phase extraction: a comparison with a conventional reversed phase silica-based column. **V.F. Samanidou**, A.S. Ioannou and I.N.Papadoyannis. J. Chromatogr. B Vol. 809, 175-182 (2004).
http://dx.doi.org/10.1016/j.jchromb.2004.06.019,

9.55. Development of a validated HPLC method for the determination of B-complex vitamins in pharmaceuticals and biological fluids after solid phase extraction.
P. F. Chatzimichalakis , **V. F. Samanidou**, R. Verpoorte and I. N. Papadoyannis.
J. Sep. Sci. 27, 1181–1188 (2004).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200401858/abstract

9.56. Development of a validated HPLC method for the determination of iodotyrosines and iodothyronines in pharmaceuticals and biological samples using solid phase extraction.
H. G. Gika, **V. F. Samanidou**, I. N. Papadoyannis. J. Chromatogr. B 814/1, 163-172 (2005). http://dx.doi.org/10.1016/j.jchromb.2004.10.025

9.57. Determination of fluoroquinolones in edible animal tissues samples, by High Performance Liquid Chromatography, after Solid Phase Extraction.
V. F. Samanidou, E. A. Christodoulou and I. N. Papadoyannis.
J. Sep. Sci. 28(6) 555-565 (2005).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200401910/abstract

9.58. Simultaneous determination of quinine and chloroquine anti-malarial agents in pharmaceuticals and biological fluids by HPLC and fluorescence detection.
V. F. Samanidou, E. N. Evaggelopoulou and I. N. Papadoyannis
J.Pharmac.Biomedical. 38(1) 21-28 (2005).
http://dx.doi.org/10.1016/j.jpba.2004.12.005,

9.59. Adsorption of phosphate ions on novel inorganic ion exchangers.
Chubar N.I., Kanibolotskiy V.A., Strelko V.V., Shaposhnikova T.O., Milgrandt V.G., Zhuravlev I.Z., Gallios G.G., **Samanidou** V.F.
Colloids and Surfaces A: Physicochem. Eng. Aspects 255, 55–63 (2005).
http://dx.doi.org/10.1016/j.colsurfa.2004.12.015

9.60. Direct determination of five fluoroquinolones in chicken whole blood and in veterinary drugs by HPLC. **V. F. Samanidou**, E. A. Christodoulou and I. N. Papadoyannis. J. Sep. Sci. 28(4), 325-331 (2005).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200400042/abstract

9.61. Development and validation of an HPLC confirmatory method for the determination of tetracycline antibiotics residues in bovine muscle according to the European Union regulation 2002/657/EC.
Victoria F. Samanidou, Konstantina I. Nikolaidou and Ioannis N. Papadoyannis
J. Sep. Sci., 28(17), 2247–2258 (2005).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200500160/abstract

9.62. Adsorption of fluoride, chloride, bromide and bromate ions on a novel ion exchanger.
Chubar N.I., **Samanidou V. F.,** Kouts V.S., Gallios G.G., Kanibolotsky V.A., Strelko V.V., Zhuravlev I.Z. J. Colloid Interface Science, 291, 67-74 (2005).
http://dx.doi.org/10.1016/j.chroma.2008.07.003

9.63. Validation of a novel HPLC sorbent material for the determination of ten quinolones in human and veterinary pharmaceutical formulations.
Victoria F. Samanidou, Eleni A. Christodoulou and Ioannis N. Papadoyannis
J. Sep. Sci. 28 (18), 2444-2453 (2005).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200500262/abstract

9.64. Development and validation of a rapid HPLC method for the direct determination of Colchicine in pharmaceuticals and biological fluids.
V. F. Samanidou, G. A. Sarantis and I. N. Papadoyannis
J. Liq.Chromatogr. & Rel.Technol. 29 (1) 1-13 (2006).
http://www.tandfonline.com/doi/full/10.1080/10826070500357755#.UbSe4tjC1HI

9.65. Development and Validation of a Rapid HPLC Method for the Determination of Methadone and its Main Metabolite EDDP in Biological Fluids, following SPE.
V. F. Samanidou, K. Anastasiadou, and I. N. Papadoyannis
J. Liq.Chromatogr. & Rel.Technol. 29(6), 889-902 (2006).
http://www.tandfonline.com/doi/full/10.1080/10826070500531433#.UbScZtjC1HI

9.66. Development of a validated HPLC method for the determination of four penicillin antibiotics in pharmaceuticals and human biological fluids.
V. F. Samanidou*, E. Evaggelopoulou and I.N. Papadoyannis
J. Sep. Sci. Vol. 29 (11), 1550-1560 (2006).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200600081/abstract

9.67. Development of a validated HPLC method for the determination of four 1,4 benzodiazepines in human biological fluids.
V. F. Samanidou, A.P.Pechlivanidou and I. N. Papadoyannis
J. Sep. Sci. 30 (5) , 679 – 687 (2007).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200600365/abstract

9.68. Simultaneous Determination of Testosterone and its Major Metabolite Epitestosterone in Biological Fluids by HPLC.
V. F. Samanidou, E. Karageorgou and I. N. Papadoyannis
J. Liquid Chromatogr. & Rel. Technol., 30: 1317–1331 (2007).
http://www.tandfonline.com/doi/full/10.1080/10826070701274916#.UbSejtjC1HI

9.69. Development of an HPLC method for the monitoring of tricyclic antidepressants in biofluids. **V. F. Samanidou*,** M. K. Nika and I. N. Papadoyannis.
J. Sep. Sci., 30 (15), 2391 – 2400 (2007).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700142/abstract

9.70. Multi-residue HPLC analysis of ten quinolones in milk after solid phase extraction-Validation according to the European Union decision 2002/657/EC.
Eleni A. Christodoulou and **Victoria F. Samanidou***
J. Sep. Sci. 30 (15), 2421 – 2429 (2007).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700129/abstract

9.71. Development and validation of an HPLC confirmatory method for the determination of seven tetracycline antibiotics residues in milk according to the European Union decision 2002/657/EC.

Victoria F. Samanidou, Konstantina I. Nikolaidou and Ioannis N. Papadoyannis
J. Sep. Sci. 30 (15), 2430 – 2439 (2007).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700057/abstract

9.72. HPLC determination of cefotaxime and cephalexine residues in milk and cephalexine in veterinary formulation
Victoria F. Samanidou, Emmanouil D. Tsochatzis, Ioannis N. Papadoyannis.
Microchimica Acta. 160: 471–475 (2008).
http://link.springer.com/article/10.1007/s00604-007-0820-1

9.73. Development and Validation of an HPLC confirmatory method for residue analysis of ten quinolones in tissues of various food producing animals, according to the European Union Decision 2002/657/EC.
Eleni A. Christodoulou, **Victoria F. Samanidou*** and Ioannis N. Papadoyannis
J. Sep. Sci. 30 (16), 2676 – 2686 (2007).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700170/abstract

9.74. Development and validation of an HPLC method for the determination of penicillin antibiotics residues in bovine muscle according to the European Union Decision 2002/657/EC.
Victoria F. Samanidou*, Stella Nisyriou, and Ioannis N. Papadoyannis.
J.Sep.Sci. 30 (18), 3193-3201 (2007).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700199/abstract

9.75. Development of an HPLC multi-residue method for the determination of ten quinolones in bovine liver and porcine kidney according to the European Union Decision 2002/657/EC.
Eleni A. Christodoulou, **Victoria F. Samanidou*** and Ioannis N. Papadoyannis
J.Sep.Sci., 31, 119 – 127 (2008).
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200700297/abstract

9.76. Validation of an HPLC-UV method according to the European Union Decision 2002/657/EC for the simultaneous determination of ten quinolones in chicken muscle and egg yolk.
Eleni A. Christodoulou, **Victoria F. Samanidou*** and Ioannis N. Papadoyannis
J. Chromatogr. B. 859(2) 246-255, (2007).
http://dx.doi.org/10.1016/j.jchromb.2007.10.009

9.77. Development and validation of an HPLC confirmatory method for the residue analysis of four sulphonamides in cow's milk according to the European Union Decision 2002/657/EC.
Victoria F. Samanidou, Evanthia P. Tolika and Ioannis N. Papadoyannis
J.Liquid Chromatogr. & Rel. Technol.
http://www.informaworld.com/smpp/title~content=t713597273~db=all~tab=issueslist~branches=31 - v3131(9): 1358 – 1372 (2008).
http://www.tandfonline.com/doi/full/10.1080/10826070802019947#.UbSgZtjC1HI

9.78. Development and Validation of an HPLC Method for the Determination of Six 1,4 Benzodiazepines in Pharmaceuticals and Human Biological Fluids
M. Nasir Uddin, **Victoria F. Samanidou** and Ioannis N. Papadoyannis
J.Liquid Chromatogr. & Rel. Technol.
http://www.informaworld.com/smpp/title~content=t713597273~db=all~tab=issueslist~branches=31 - v3131(9): 1258 – 1282 (2008).
http://www.tandfonline.com/doi/full/10.1080/10826070802019574#.UbSge9jC1HI

9.79. Development and validation of an HPLC method for the determination of seven tetracycline antibiotics residues in chicken muscle and egg yolk according to 2002/657/EC.
K I. Nikolaidou, **Victoria F. Samanidou** and I N. Papadoyannis.
J.Liquid Chromatogr. & Rel. Technol. 31(14): 2141–2158, 2008 (2008).
http://www.tandfonline.com/doi/full/10.1080/10826070802225445#.UbSgktjC1HI

9.80. Development and validation of an HPLC multi-residue method for the determination of seven tetracycline antibiotics residues in bovine liver and kidney according to the European Union Decision 2002/657/EC.
Konstantina I. Nikolaidou, **Victoria F. Samanidou** and Ioannis N. Papadoyannis.
J. Liquid Chromatogr. & Rel. Technol. 31(17): 2523–2540, 2008.
http://www.tandfonline.com/doi/full/10.1080/10826070802352660#.UbSgK9jC1HI

9.81. Development and validation of an HPLC method for the determination of benzodiazepines and tricyclic antidepressants in biological fluids after sequential SPE. Mohammad Nasir Uddin, **Victoria F. Samanidou**, Ioannis N. Papadoyannis
J.Sep.Sci. 2008, 31(13) 2358-2370.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200800079/abstract

9.82. Development and validation of an HPLC confirmatory method for the determination of seven tetracycline antibiotics residues in bovine and porcine muscle tissues according to 2002/657/EC
Konstantina I. Nikolaidou, **Victoria F. Samanidou** and Ioannis N. Papadoyannis.
J.Liquid Chromatogr. & Rel. Technol. (2008). 31 (19) 3032–3054.
http://www.tandfonline.com/doi/full/10.1080/10826070802425003#.UbSgR9jC1HI

9.83. Multi-residue determination of seven quinolones antibiotics in gilthead seabream using liquid chromatography-tandem mass spectrometry.
V.Samanidou*, E. Evaggelopoulou, X.Guo, M.Troetzmueller and E. Lankmayr.
J.Chromatogr. A 1203 (2008) 115–123.
http://dx.doi.org/10.1016/j.chroma.2008.07.003

9.84 Validation of SPE-HPLC determination of 1,4-benzodiazepines and metabolites in blood plasma, urine and saliva.
Mohammad Nasir Uddin, **Victoria F. Samanidou**, Ioannis N. Papadoyannis
J. Sep. Sci. 2008, 31, 3704 – 3717.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200800342/abstract

9.85 Development of a validated HPLC method for the simultaneous determination of anabolic steroids in biological fluids
V.F. Samanidou, E.G. Karageorgou and I.N. Papadoyannis
J. Liquid Chromatogr. & Rel.Technol. Volume
http://www.informaworld.com/smpp/title~content=t713597273~db=all~tab=issueslist~branches=32 - v3232, Issue 8, 2009 , 1107 – 1126.
http://www.tandfonline.com/doi/full/10.1080/10826070902841737#.UbSeydjC1HI

9.86 HPLC method for Simultaneous Determination of 1,4-Benzodiazepines and Tricyclic Antidepressants in Pharmaceutical Formulations and Saliva After SPE
Mohammad Nasir Uddin, **Victoria F. Samanidou** and Ioannis N. Papadoyannis
J. Liquid Chromatogr. & Rel.Technol.
http://www.informaworld.com/smpp/title~content=t713597273~db=all~tab=issueslist~branches=32 - v3232(10) 2009, 1475 – 1504.
http://www.tandfonline.com/doi/full/10.1080/10826070902901499#.UbSgntjC1HI

9.87 Development and validation of an HPLC method for the determination of seven penicillin antibiotics in veterinary drugs and bovine blood plasma.
V.Samanidou*, D. Giannakis and A. Papadaki. J.Sep.Sci. (2009) 32 (9), 1302-1311.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.200800758/abstract

9.88 A rapid HPLC method for the simultaneous monitoring of two Serotonin-norepinephrine reuptake inhibitors and Selective serotonin reuptake inhibitors: duloxetine, venlafaxine, fluoxetine and paroxetine in biofluids
Victoria F. Samanidou* and Paraskevi V. Kourti. Bioanalysis, 1(5), 905-917. 2009.
http://www.future-science.com/doi/abs/10.4155/bio.09.78

9.89 Development and validation of an HPLC method for the evaluation of niflumic acid cross-reactivity of two commercial immunoassays for cannabinoids in urine.
Kovatsi, L. Pouliopoulos, A. Papadaki, A.; Samanidou V.Tsoukali H.
Journal of Analytical Toxicology. (2010) 34, 229-232.

http://jat.oxfordjournals.org/content/34/4/229.full.pdf+html
doi: 10.1093/jat/34.4.229

9.90 Solid phase extraction (SPE) for purification of Alkannin/Shikonin (A/S) samples and isolation of monomeric and dimeric A/S fractions".
E. Noula, **V. F. Samanidou**, A. N. Assimopoulou, V. P. Papageorgiou, I. N.Papadoyannis. Analytical and Bioanalytical Chemistry. (2010) 397:2221–2232.
http://link.springer.com/article/10.1007/s00216-010-3717-5

9.91 Application of ultrasound assisted matrix solid-phase dispersion extraction to the HPLC confirmatory determination of cephalosporins residues in milk.
E.Karageorgou, V.Samanidou. J. Separation Science. Volume 33, Issue 17-18, 2862–2871, 2010. http://onlinelibrary.wiley.com/doi/10.1002/jssc.201000385/abstract

9.92 On the use of Kinetex^{TM}-C_{18} core-shell 2.6 μm stationary phase to the multi-class determination of antibiotics
Victoria F. Samanidou * and Eftichia G. Karageorgou
Drug testing and analysis, Volume 3 Issue 4 2011 (pages 234–244)
http://onlinelibrary.wiley.com/doi/10.1002/dta.218/abstract

9.93 Stability Study of Six 1,4-Benzodiazepines in Bio-fluids Stored at -20^{o}C.
Mohammad N. Uddin, **Victoria F. Samanidou**, and Ioannis N. Papadoyannis
Chiang Mai J. Sci. 2010; 37(3) : 451-463
http://it.science.cmu.ac.th/ejournal/journalDetail.php?journal_id=22

9.94 Development and validation of a direct Headspace GC-FID method for the determination of sevoflurane, desflurane and other volatile compounds of forensic interest in biological fluids. Application on clinical and post-mortem samples. Leda Kovatsi, Dimitrios Giannakis, V. Arzoglou, Victoria Samanidou J. Sep. Sci. 2011, 34, 1004–1010
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201000921/abstract

9.95. Development and validation of an HPLC-method for the simultaneous determination of tocopherols, tocotrienols and carotenoids in cereals after solid-phase extraction
Maria N. Irakli, **Victoria F. Samanidou** and Ioannis N. Papadoyannis
J. Separation Science. volume 34, Issue 12, pages 1375–1382, 2011.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100077/abstract

9.96 Disposable pipette extraction for gas chromatographic determination of codeine, morphine, and 6-monoacetylmorphine in vitreous humor.
Leda Kovatsi, Konstantinos Rentifis, Dimitrios Giannakis, Samuel Njau, **Victoria Samanidou*** J. Sep. Sci. 2011, 34, 1716–1721.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100124/abstract

9.97 Simultaneous Determination of 1,4-Benzodiazepines and Tricyclic Antidepressants in Saliva after Sequential SPE Elution by the Same HPLC
Mohammad Nasir Uddin, **Victoria F. Samanidou**, Ioannis N. Papadoyannis
Journal of the Chinese Chemical Society, **2011**, *58*, 142-154.
http://onlinelibrary.wiley.com/doi/10.1002/jccs.201190070/abstract

9.98 Development and Validation of an HPLC Method for the Determination of Ten Sulfonamide Residues in Milk According to 2002/657/EC"
Evanthia P. Tolika, **Victoria F. Samanidou**, and Ioannis N. Papadoyannis
J. Sep. Sci. 2011, 34, 1627–1635.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100171/abstract

9.99 Development and validation according to European Union Decision 2002/657/EC of an HPLC-DAD method for milk multi-residue analysis of penicillins and amphenicols based on dispersive extraction by QuEChERS in MSPD format"
Eftichia G. Karageorgou and **Victoria F. Samanidou** *

J. Sep. Sci. 2011, 34, 1893–1901.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100194/abstract

9.100 Development and Validation of an HPLC Method for the Determination of Ten Sulfonamide Residues in Whole Egg According to 2002/657/EC
Evanthia P. Tolika, **Victoria F. Samanidou**, and Ioannis N. Papadoyannis
Journal of Liquid Chromatography & Related Technologies, 34:2396–2410, 2011
http://www.tandfonline.com/doi/full/10.1080/10826076.2011.591021#.UbSgB9jC1HI

9.101 A simple HPLC Method for the Simultaneous Determination of Venlafaxine and its major metabolite O-Desmethylvenlafaxine in human serum.
Victoria Samanidou*, Chrysa Nazyropoulou, Leda Kovatsi
Bioanalysis, August 2011, Vol. 3, No. 15, Pages 1713-1718.
http://www.future-science.com/doi/abs/10.4155/bio.11.161

9.102 Development and validation of an isocratic HPLC method for the simultaneous determination of residual monomers released from dental polymeric materials in artificial saliva. **V.Samanidou***, M. Hadjicharalampous, G. Palaghias, I.Papadoyannis, J. Liquid chromatography 35:511–523, 2012.
http://www.tandfonline.com/doi/full/10.1080/10826076.2011.601501#.UbSZ-NjC1HI

9.103 Development and Validation of an HPLC Method for the Simultaneous Determination of Ten Sulfonamide Residues in Bovine, Porcine and ChickenTissues According to 2002/657/EC
Evanthia P. Tolika, **Victoria F. Samanidou** and Ioannis N. Papadoyannis
Current Pharmaceutical Analysis, Volume 8, Number 1, 2012, 56-67.
http://www.benthamscience.com/contents.php?in=7578&m=February&y=2012

9.104 Simultaneous determination of polyphenols and major purine alkaloids in Greek Sideritis species, herbal extracts, green tea, black tea and coffee, by HPLC-DAD.
Victoria F. Samanidou*, A.Tsagiannidis, I.Sarakatsianos.
J. Sep. Sci. 2012, 35, 608–615
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100894/abstract

9.105 Evaluation of 5-methyl-2´-deoxycytidine stability in hydrolyzed and non-hydrolyzed DNA by HPLC-UV.
Domniki Fragou, **Victoria Samanidou**, Samuel Njau, Sofia Kouidou, Alexis Bailey, Leda Kovatsi. Bioanalysis (2012) 4(4), 367–372.
http://www.future-science.com/doi/abs/10.4155/bio.11.335

9.106 A simple HPLC method for the simultaneous determination of two selective serotonin reuptake inhibitors and two serotonin-norepinephrine reuptake inhibitors in hair, nail clippings and cerebrospinal fluid."
Victoria Samanidou*, Kristallenia Pantazidou, Leda Kovatsi, S.Njau, A. Livanos
J. Sep. Sci. 2012, 35, 839–845
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100849/abstract

9.107 Optimization and validation of RP-HPLC/FLD detection method for the separation of tocopherols and tocotrienols isomers in cereals, employing a novel sorbent material.
Irakli, Mary; **Samanidou, V**.; Papadoyannis, Ioannis
J. Agric Food Chem, 60 (2012), p. 2076-2082.
http://pubs.acs.org/doi/abs/10.1021/jf204470j

9.108 Confirmatory development and validation of HPLC-DAD method for the determination of tetracyclines in gilthead seabream (*Sparus aurata*) muscle tissue
Evaggelia N.Evaggelopoulou and **Victoria F. Samanidou***
Journal of Separation Science 35 (10-11) (2012), pp. 1372-1378.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201100996/abstract

9.109. Development and validation of an HPLC-method for determination of free and bound phenolic acids in cereals after solid-phase extraction.
M. N. Irakli, **Victoria F. Samanidou**, C. G. Biliaderis, Ioannis N. Papadoyannis
Food Chemistry 134 (2012) 1624–1632.
http://dx.doi.org/10.1016/j.foodchem.2012.03.046

9.110. Simultaneous determination of phenolic acids and flavonoids in rice using solid-phase extraction and RP-HPLC with photodiode array detection.
M. N. Irakli, **Victoria F. Samanidou**, Costas G. Biliaderis, Ioannis N. Papadoyannis
J. Separation Science 35(13), 1603-1611, 2012.
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201200140/abstract

9.111 Ultrasound assisted matrix solid phase dispersive extraction for the simultaneous analysis of b-lactams (four penicillins and eight cephalosporins) in milk by HPLC-DAD. Eftichia G. Karageorgou**, Victoria F. Samanidou***, Ioannis N. Papadoyannis.
J. Sep. Sci. 2012, 35, 2599–2607
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201200514/abstract

9.112 HPLC confirmatory method development for the determination of seven quinolones in salmon tissue (*Salmo salar* L.) validated according to the European Union Decision 2002/657/EC. E. N. Evaggelopoulou, **Victoria F. Samanidou***.
Food Chemistry 136 (2013) 479–484.
http://dx.doi.org/10.1016/j.foodchem.2012.08.075

9.113 Development and validation of an HPLC method for the determination of six penicillin and three amphenicols antibiotics in gilthead seabream (Sparus Aurata) tissue according to the European Union Decision 2002/657/EC
Evaggelia N. Evaggelopoulou and **Victoria F. Samanidou***
Food Chemistry Volume 136, Issues 3–4, (2013),1322–1329.
http://dx.doi.org/10.1016/j.foodchem.2012.09.044

9.114 A validated UHPLC-DAD method for the bioanalysis of atypical antipsychotics in whole blood, urine and cerebrospinal fluid following solid phase extraction
Leda Kovatsi, Konstantinos Redifis, Katia Mihailidou, Pavlos Pavlidis, **Victoria Samanidou.** Bioanalysis, Vol. 4, No. 24, December 2012: 2929-2938.
http://www.future-science.com/doi/abs/10.4155/bio.12.276

9.115 Matrix Solid Phase Dispersion for the Extraction of Bisphenol- A from Human Breast Milk prior to HPLC Analysis
Victoria F. Samanidou, Melani A. Frysali and Ioannis N. Papadoyannis
J. Liquid Chromatography & related technologies 2014, 37(2), 247-258.
http://dx.doi.org/10.1080/10826076.2012.745133

9.116 Disposable Pipette Extraction for the simultaneous determination of biperiden and three antipsychotic drugs in human urine by gas chromatography-nitrogen phosphorous detection
Victoria Samanidou, Christos Stathatos, Samuel Njau, Leda Kovatsi
Bioanalysis, Vol. 5, No. 1, January 2013: 21-29.
http://www.future-science.com/doi/abs/10.4155/bio.12.292

9.117 Multi-residue LC-MS/MS analysis of cephalosporins and quinolones in milk following ultrasound assisted matrix solid phase dispersive extraction combined with QuEChERS methodology. Eftichia Karageorgou, Antonis Myridakis, Euripides G. Stephanou, **Victoria Samanidou***
Journal of Separation Science, 36(12), 2020-2027, 2013
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201300194/abstract

9.118 Development and validation of an LC-DAD method for the routine analysis of residual quinolones in fish edible tissue and fish feed. Application to farmed gilthead seabream following dietary administration
Evaggelia N.Evaggelopoulou, **Victoria F. Samanidou***, Basile Michaelidis and Ioannis Papadoyannis
Journal of Liquid Chromatography & Related Technologies 2013.
http://dx.doi.org/10.1080/10826076.2013.825868

9.119 Development and Validation of a High Pressure Liquid Chromatographic Method for the Simultaneous Determination of Four Vitamin D Metabolites in Blood Serum
Journal of Applied Biopharmaceutics and Pharmacokinetics, 2013, 1(2), 72-79
V. F. Samanidou, S. Vardali and I. Papadoyannis
DOI: http://dx.doi.org/10.14205/2309-4435.2013.01.02.3

9.120. Ultrasound-assisted dispersive extraction for the High Pressure Liquid Chromatographic determination of tetracyclines residues in milk with Diode Array Detection
Eftichia Karageorgou, Marina Armeni, Ioulia Moschou and **Victoria Samanidou***
Food Chemistry, Volume 150, 1 May 2014, Pages 328–334.
http://dx.doi.org/10.1016/j.foodchem.2013.11.008

9.121 A simple and rapid HPLC method for the direct determination of residual monomers released from dental polymeric materials in blood serum and urine
V.Samanidou, D. Livadiotou, G. Palaghias, I.Papadoyannis
Journal of Liquid Chromatography & Related Technologies 2014.
http://www.tandfonline.com/doi/full/10.1080/10826076.2014.896819.

9.122 A simple isocratic HPLC method for the simultaneous determination of the five most common residual monomers released from Resin-based dental restorative materials
V. Samanidou*, C. Kerezoudi, E. Tolika, G. Palaghias
Journal of Liquid Chromatography & Related Technologies 2015. 38: 740–749, 2015
http://dx.doi.org/10.1080/10826076.2014.968662 .

9.123 Fast Extraction of Amphenicols Residues from Raw Milk Using Novel Fabric Phase Sorptive Extraction Followed by High-Performance Liquid Chromatography-Diode Array Detection"
Victoria Samanidou, Abuzar Kabir; Lavrenris Galanopoulos; Kenneth Furton.
Analytica Chimica Acta (2015) 855, 41-50. doi:10.1016/j.aca.2014.11.036

9.124 A simple UHPLC-DAD method for the direct determination of donepezil in cerebrospinal fluid.
L. Kovatsi, M. Tsolaki, O. Gkatzima, M. Petrocheilou, Victoria Samanidou
J.Liquid Chromatography & Related Technologies 38: 1068-1072, 2015.
https://doi.org/10.1080/10826076.2015.1020165

9.125 Simultaneous determination of free phenolic constituents and major purine alkaloids in human blood serum by a simple HPLC-DAD method.
Victoria Samanidou, Chrysoula Nazyropoulou
Pharmacologia 6 (4): 131-140, 2015
DOI: 10.5567/pharmacologia.2015.131.140

9.126 Phytochemical Profiles and Antioxidant Capacity of Pigmented and Non-pigmented Genotypes of Rice (Oryza sativa L.)
Cereal Research Communications 2015.
M. N. Irakli, V. F. Samanidou, D. N. Katsantonis, C. G. Biliaderis, I. N. Papadoyannis DOI: 10.1556/0806.43.2015.033

9.127 Ultrasound-assisted Matrix Solid Phase Dispersion for the HPLC-DAD analysis of amphenicols in shrimps **Samanidou V**, Makrygianni E.
Sample preparation. 2015; 2: 66–73. DOI: 10.1515/sampre-2015-0003

9.128. HPLC analysis of antipsychotic asenapine in alternative biomatrices: hair and nail clippings. L.Kovatsi, A. Titopoulou, A. Tsakalof, Victoria Samanidou*. J. Liquid Chromatography & Related Technologies. 38: 1666–1670, 2015.
http://dx.doi.org/10.1080/10826076.2015.1089894

9.129. Simplifying Sample Preparation Using Fabric Phase Sorptive Extraction Technique for the Determination of Benzodiazepines in Blood Serum by High-Performance Liquid Chromatography. **V.Samanidou**, I.Kaltzi, A. Kabir, K.Furton.
Biomedical Chromatography Volume 30, Issue 6, 1 June 2016, Pages 829-836.
DOI: 10.1002/bmc.3615

9.130 Fabric Phase Sorptive Extraction for the Fast Isolation of Sulfonamides Residues from Raw Milk Followed by High Performance Liquid Chromatography with Ultraviolet Detection.
Eftychia Karageorgou, Natalia Manousi, **Victoria Samanidou**, Abuzar Kabir, Kenneth G. Furton. Food Chemistry, 2016, 196, 428-436.
http://dx.doi.org/10.1016/j.foodchem.2015.09.060.
doi:10.1016/j.foodchem.2015.09.060

9.131 Sample preparation of eggs from laying hens using QuEChERS dispersive extraction for the simultaneous determination of melamine and cyromazine residues by HPLC-DAD. Niki Tsartsali and **Victoria F. Samanidou*** Analytical Chemistry Insights, 2015:10, 53-56. Doi:10.4137/Aci.s31727

9.132 Matrix Molecularly Imprinted Mesoporous sol-gel Sorbent for Efficient Solid-Phase Extraction of Chloramphenicol from Milk
Victoria Samanidou[1,]*, Maria Kehagia[1], Abuzar Kabir[2,]**, Kenneth G. Furton[2]
Analytica Chimica Acta 914 (2016) 62-74.http://dx.doi.org/10.1016/j.aca.2016.02.003

9.133 Effect of the reduction degree of graphene oxide on the adsorption of Bisphenol A
Chemical Engineering Research and Design. Official journal of the European Federation of Chemical Engineering: Part A
Sotiria Bele, Victoria Samanidou, Eleni Deligianni.
March 2016 · Chemical Engineering Research and Design 03/2016
DOI:10.1016/j.cherd.2016.03.002

9.134 An automated flow injection system for metal determination by flame atomic absorption spectrometry involving on-line fabric disk sorptive extraction technique
Talanta 156-167 (2016) 64-70. A. Anthemidis V. Kazantzi, V. Samanidou, A. Kabir, K.G. Furton, Talanta. 2016 Aug 15;156-157:64-70. doi:10.1016/j.talanta.2016.05.012

9.135 Rapid confirmatory method for the determination of Danofloxacin and N-desmethyl Danofloxacin in European seabass by UPLC-PDA
Sofia C. Vardali, Victoria F. Samanidou, and Yannis P. Kotzamanis
Current Analytical Chemistry Volume 14, Number 1, 2018, 68-74.
DOI: 10.2174/1573411012666160614081139
https://benthamscience.com/journals/current-analytical-chemistry/most-accessed-articles/ 29/5/2018

9.136 Evaluation of monomer leaching from a resin cement through dentine by a novel model.
C.Kerezoudi, C.Gogos, V.Samanidou, D.Tziafas, G.Palaghias.
Dental Materials, 32, 2016 e297-e305.
http://dx.doi.org/10.1016/j.dental.2016.09.027

9.137 On-Line SPE Sample Treatment As A Tool For Method Automatization And Detection Limits Reduction: Quantification Of 25-Hydroxyvitamin D3/D2.
Dimitrios Palaiogiannis, Evangelia Bekou, Kalliopi Pazaitou-Panayiotou, Victoria Samanidou, Andreas Tsakalof
J. Chromatography B 1043(2017) 219-227.
http://dx.doi.org/10.1016/j.jchromb.2016.10.006

9.138. Effective cleanup for the determination of six quinolone residues in shrimps prior to High Performance Liquid Chromatography-Diode Array Detection in compliance with the European Union Decision 2002/657/EC
Journal of Separation Science.
D.Bitas, V.Samanidou J. Sep. Sci. 2016, 39, 4805–4811 DOI: 10.1002/jssc.201600945

9.139 Fabrication and evaluation of magnetic activated carbon as adsorbent for ultrasonic assisted magnetic solid phase dispersive extraction of bisphenol A from milk prior to High Performance Liquid Chromatographic analysis with Ultraviolet detection
Olga Filippou; Eleni Deliyanni, Victoria Samanidou
Journal of Chromatography A, 1479 (2017) 20–31
http://dx.doi.org/10.1016/j.chroma.2016.12.002

9.140 Fabric Phase Sorptive Extraction of Selected Penicillin Antibiotic Residues from Intact Milk Followed by High Performance Liquid Chromatography with Diode Array Detection
Victoria Samanidou[a, *], Katia Michaelidou[a], Abuzar Kabir[b, **], Kenneth G. Furton[b]
Food Chemistry Volume 224, 1 June 2017, Pages 131–138
http://dx.doi.org/10.1016/j.foodchem.2016.12.024

9.141 Development of an HPLC-DAD method for the determination of five sulfonamides in shrimps and validation according to the European Decision 657/2002/EC
S. Charitonos, V.Samanidou, I.Papadoyannis
Food Anal. Methods (2017) 10:2011–2017
http://www.readcube.com/articles/10.1007/s12161-016-0766-1?author_access_token=9iQn-kycrcRt11PnX_oCYve4RwlQNchNByi7wbcMAY4223TOJGZwmqiYzW6OfqrxsGz23jUUMsd6bluysTs0szWl-qnMragrVu2FEvciOOQZ8qoWcVHoMypd9jd4UOergBrYxFxWN3z1QC2LxhqIRA%3D%3D DOI 10.10076/s12161-016-0766-1

9.142 A simple and direct HPLC-DAD method for the simultaneous determination of galantamine, donepezil and rivastigmine in cerebrospinal fluid, blood, serum and urine
Maria Petrocheilou, Victoria Samanidou[1], Leda Kovatsi[2], Magda Tsolaki[3], Ioannis Papadoyannis
JOURNAL OF APPLIED BIOANALYSIS, June 2017, Vol. 3, No. 4.p. 59-69.
http://www.betasciencepress.com/images/JAB17010.pdf
http://dx.doi.org/10.17145/jab.17.010

9.143 Sol-gel graphene based fabric phase sorptive extraction for cow and human breast milk sample cleanup for screening bisphenol A and residual dental restorative material prior to analysis by high performance liquid chromatography and diode array detection
Olga Philippou, Eirini Marinou Abuzar Kabir Kenneth Furton, Victoria Samanidou
J. Separation Science 2017. Volume 40, Issue 12, Pages 2612–2619
June 2017 DOI: 10.1002/jssc.201700256
http://onlinelibrary.wiley.com/doi/10.1002/jssc.201700256/full

9.144 Danofloxacin depletion from muscle plus skin tissue of European sea bass (Dicentrarchus labrax) fed danofloxacin mesylate medicated feed in seawater at 16 oC and 27 oC
S.C. Vardali, Y.P. Kotzamanis, A.E. Tyrpenou, V.F. Samanidou
Aquaculture, 2017, Volume 479, pages 538–543
https://doi.org/10.1016/j.aquaculture.2017.06.036

9.145 Graphene-functionalized melamine sponges for microextraction of sulfonamides from food and environmental samples. TChatzimitakos; V. Samanidou; C. Stalikas
J.Chrom A Volume 1522, 3 November 2017, Pages 1-8
https://doi.org/10.1016/j.chroma.2017.09.043

9.146 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. M.Kechagia, V.Samanidou, A. Kabir, K. Furton
J. Separation Science (2018). 41:723–731. DOI: 10.1002/jssc.201701205
http://doi.wiley.com/10.1002/jssc.201701205

9.147 Isolation and purification of food-grade C-phycocyanin from Arthrospira platensis and its determination in confectionery by High Performance Liquid Chromatography-Diode Array Detection. Maria Kissoudi, Ioannis Sarakatsianos and Victoria Samanidou
J. Separation Science. 2018;41:975–981
http://doi.wiley.com/10.1002/jssc.201701151

9.148. HPLC study of the inhibiting effect of phosphate and bicarbonate buffers on the leaching pattern of dental resin composites.
Mourouzis P. Samanidou V. and G. Palaghias
J. Liquid Chromatography and Related Techniques. 2018 Accepted.
https://doi.org/10.1080/10826076.2018.1431277

9.149 Development and validation of an HPLC-DAD method for the simultaneous quantification of Bisphenol-A, 4-Hydroxybenzoic Acid, 4-Hydroxyacetophenone and Hydroquinone in bacterial cultures of Lactococcus lactis
Angelos Theodoros Rigopoulos, Victoria F. Samanidou, Maria Touraki *
Separations 2018, 5(1), 12
doi:10.3390/separations5010012

9.150 HPLC study for evaluating the significance of pH in the inhibiting effect of phosphate buffer on the leaching pattern of resin composites
Petros Mourouzis, Victoria Samanidou, Elisabeth A. Koulaouzidou, Georgios Palaghias
J. Liquid Chromatography and Related Techniques. 2018 Accepted.
https://doi.org/10.1080/10826076.2018.1441157

9.151 Optimization of Microwave-Assisted Extraction of Phenolic Compounds from medicinal and aromatic plants: *Sideritis raeseri*, *Sideritis scardica* and *Origanum vulgare*
I. Sarakatsianos[a,b], K. Adamopoulos[*a], V. Samanidou[c], A. Goula[d], E. Ninou[d]
Current Analytical Chemistry. **16**(**2**): **106** – 111, 2020.
DOI: 10.2174/1573411014666180423125631

9.152 Cyromazine determination in poultry based animal feedstuffs by HPLC/DAD using QuEChERS methodology,
Christos Christogiorgos, Ioannis Sarakatsianos and Victoria F. Samanidou
Eurasian Journal of Analytical Chemistry. 2018;13(5):
https://doi.org/10.29333/ejac/92537

9.153 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
Sofia Vardali; Victoria Samanidou; Yiannis Kotzamanis
J. Chromatogr. A (2018) 1575, 40–48. https://doi.org/10.1016/j.chroma.2018.09.017

9.154. Simultaneous determination of selected estrogenic endocrine disrupting chemicals and bisphenol A residues in whole milk using fabric phase sorptive extraction coupled to HPLC-Ultraviolet detection and LC-MS/MS
Rodolfo Mesa, Abuzar Kabir, Victoria Samanidou, Kenneth G. Furton
J. Sep. Sci. 2019; 42:598–608. https://doi.org/10.1002/jssc.201800901

9.155 DETECTION OF MECHANICALLY DEBONED MEAT IN COLD CUTS BY INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETRY
I. Sarakatsianos, N. Manousi, D. Georgantelis, A. Goula and
K. Adamopoulos, V. Samanidou. Pak. J. Anal. Environ. Chem. Vol. 19, No. 2 (2018) 115 – 121
http://doi.org/10.21743/pjaec/2018.12.12

9.156 Degradation of endocrine disruptor, bisphenol-A, on mixed oxidation state manganese oxide /
modified graphite oxide composite: a role of carbonaceous phase
Hayarpi S. Saroyan; Sotiria Bele; Dimitrios A. Giannakoudakis, Victoria F. Samanidou; Teresa J. Bandosz; Eleni A. Deliyanni
Journal of Colloid & Interface Science 539 (2019) 516–524
https://doi.org/10.1016/j.jcis.2018.12.088

9.157 Short and long-term release of monomers from newly developed resin-modified ceramics and composite resin CAD-CAM blocks.
Petros Mourouzis, Eirini Andreasidou, Victoria Samanidou.
The Journal of Prosthetic Dentistry (2019).
https://doi.org/10.1016/j.prosdent.2019.01.012

9.158 Comparison between Exhaustive and Equilibrium Extraction using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media

Angela Tartaglia, Marcello Locatelli,Abuzar Kabir, Kenneth G. Furton, Daniela Macerola, Elena Sperandio, Silvia Piccolantonio, Halil Ibrahim Ulusoy, Fabio Maroni, Pantaleone Bruni, Fausto Croce and Victoria F. Samanidou
Molecules, 2019 https://doi.org/10.3390/molecules24030382

9.159 Novel Capsule Phase Microextraction in Combination with High Performance Liquid Chromatography with Diode Array Detection for Rapid Monitoring of Sulfonamide Drugs in Milk. D.E Georgiadis, A.Tsalbouris, A.Kabir, K. Furton, V.Samanidou
Journal of Separation Science. 2019 42: 1440-1450.
http://doi.wiley.com/10.1002/jssc.201801283

9.160 Evaluation of Monomer Leaching from a Resin Cement Through Dentin
Kerezoudi C., Samanidou V., Gogos C, Tziafas D., Palaghias G.
European Journal of Prosthodontics and Restorative Dentistry (2019) 27, 1–9
doi: 10.1922/EJPRD_01854Kerezoudi09

9.161 Modified graphene oxide as manganese oxide support for Bisphenol A degradation
Hayarpi Saroyan, Dimitra Ntagiou, Victoria Samanidou and Eleni Deliyanni
Chemosphere 225 (2019) 524-534 https://doi.org/10.1016/j.chemosphere.2019.02.200

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

9.163 Development of a High Pressure Liquid Chromatography with Diode Array Detection method for the determination of four tetracycline residues in milk by using QuEChERS Dispersive Extraction and Validation according to the decision 2002/657 of the European Union
Eirini Marinou, Victoria Samanidou, Ioannis Papadoyannis
Separations 2019, 6, 21; doi:10.3390/separations6020021

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

9.165 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
Vasileios Alampanos,Abuzar Kabir, Kenneth G. Furton, Victoria Samanidou,Ioannis Papadoyannis. Microchemical Journal 149 (2019) 1039642
https://doi.org/10.1016/j.microc.2019.103964

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

9.167 Graphene Oxide Based Magnetic Nanocomposites with Polymers as Effective Bisphenol–A Nanoadsorbents. K. Rekos, Z.-C. Kampouraki, C. Sarafidis, Victoria Samanidou. Eleni Deliyanni. Materials 2019, 12(12), 1987; https://doi.org/10.3390/ma12121987 (registering DOI) This article belongs to the Special Issue Multifunctional Magnetic Hybrid Nanomaterials for Theranostic Applications. Materials 2019, 12, 1987; doi:10.3390/ma12121987

9.168 An improved fabric phase sorptive extraction method for the determination of five selected antidepressant drug residues in human blood serum prior to high performance liquid chromatography with diode array detection

Zilfidou E. A. Kabir, K. Furton, V.Samanidou, J. Chromatography B 1125 (2019) 121720
https://doi.org/10.1016/j.jchromb.2019.121720

9.169 Application of fabric phase sorptive extraction-high performance liquid chromatography-photodiode array detection method for trace determination of Methylparaben, Propylparaben and Butylparaben in Cosmetic and Environmental Samples. Sumeyra Gülle, Halil Ibrahim Ulusoy,*, Abuzar Kabir, Angela Tartaglia, Kenneth G. Furton, Marcello Locatelli, Victoria F. Samanidou
Anal. Methods, 2019, 11, 6136–6145. DOI: 10.1039/c9ay02260k

9.170 Synthesis and application of molecularly imprinted polymers using sol-gel matrix imprinting technology for the efficient solid-phase extraction of BPA from water
Natasa P. Kalogiouri, Athanasios Tsalbouris, Abuzar Kabir, Kenneth G. Furton, Victoria F. Samanidou.
Microchemical Journal, Volume 157, September 2020, 104965
https://doi.org/10.1016/j.microc.2020.104965

9.171 Validation of a simple HPLC-UV method for the determination of monomers released from dental resin composites in artificial saliva
Elisavet-ioanna Diamantopoulou, Orfeas-evaggelos Plastiras, Petros Mourouzis, Victoria Samanidou
Methods Protoc. **2020**, *3*(2), 35;
https://doi.org/10.3390/mps3020035 (registering DOI)

9.172 Mixed-mode fabric phase sorptive extraction of multiple tetracycline residues from milk samples prior to high performance liquid chromatography-ultraviolet analysis
Agadellis, E. A Tartaglia, M. Locatelli, A.Kabir, K. Furton, V.Samanidou
Microchemical Journal, 2020.
https://doi.org/10.1016/j.microc.2020.105437

9.173 Determination of trace quantities of organotin compounds in coastal waters of greece by graphite furnace atomic absorption spectrometry,
K. Fytianos, V. Samanidou,
Science of The Total Environment, Volume 92, 1990, Pages 265-268,
ISSN 0048-9697, https://doi.org/10.1016/0048-9697(90)90336-S.
https://www.sciencedirect.com/science/article/pii/004896979090336S

9.174 Fabric phase sorptive extraction combined with high-performance-liquid Chromatography - photodiode array analysis for the determination of seven parabens in human breast tissues: application to cancerous and non-cancerous samples
Vasileios Alampanos; Abuzar Kabir; Kenneth Furton; Željka Roje; Ivana Vinković Vrček; VICTORIA SAMANIDOU, Journal of Chromatography A accepted 2020
https://doi.org/10.1016/j.chroma.2020.461530

9.175. Evaluation of monomer elution and surface roughness of a polymer infiltrated ceramic network CAD/CAM material after Er, Cr:YSGG laser-assisted tooth bleaching
P. Mourouzis, E-I Diamantopoulou, A. Tsigarida, D.Dionysopoulos, A. Konstantinidis, V.Samanidou, K. Tolidis
Operative Dentistry Oper Dent. 2021 Sep 1;46(5):E171-E184. doi: 10.2341/20-158-L.
PMID: 35486503 DOI: 10.2341/20-158-L

9.176 Bisphenol A Migration to alcoholic and non-alcoholic beverages- An improved Molecular Imprinted Solid Phase Extraction method prior to detection with HPLC-DAD
A.Tsalmpouris, N.Kalogiouri, A. Kabir, K. Furton, V.Samanidou
Microchemical Journal 2020 accepted,162 (2021) 105846
https://doi.org/10.1016/j.microc.2020.105846

9.177 A green molecular imprinted solid phase extraction protocol for Bisphenol A monitoring with HPLC-UV to guarantee the quality and safety of walnuts under different storage conditions
N.Kalogiouri, A.Pritsa, A. Kabir, K. Furton, V.Samanidou
J. Sep. Science 44 (8) 2021 · Vol. 44 · No. 8 · April 2021
http://dx.doi.org/10.1002/jssc.202001199

9.178 An improved fabric-phase sorptive extraction protocol for the determination of seven parabens in human urine by HPLC–DAD
Georgios Rigkos Vasileios Alampanos Abuzar Kabir Kenneth G. Furton
Željka Roje Ivana Vinkovic Vrcˇek Irene Panderi Victoria Samanidou
Biomedical Chromatography. 2021;35:e4974. wileyonlinelibrary.com/journal/bmc
https://doi.org/10.1002/bmc.4974
Top Cited Article 2021-2022

9.179 Bisphenol A removal and degradation pathways in microorganisms with probiotic properties
Gloria Kyrila, Antonis Katsoulas, Vasiliki Schoretsaniti, Angelos Rigopoulos, Eleftheria Rizou, Savvoula Doulgeridou, Vasiliki Sarli, Victoria Samanidou, Maria Touraki
Journal of Hazardous Materials 413 (2021) 125363
https://doi.org/10.1016/j.jhazmat.2021.125363

9.180 Determination of intact parabens in the human plasma of cancer and non-cancer patients using a validated fabric phase sorptive extraction reversed-phase liquid chromatography method with UV detection
Anthi Parla, Eirini Zormpa, Nikolaos Paloumpis, Abuzar Kabir, Kenneth G. Furton, Željka Roje, Victoria Samanidou, Ivana Vinković Vrček, Irene Panderi *
Molecules 2021, 26, 1526. https://doi.org/10.3390/molecules26061526
https://www.mdpi.com/1420-3049/26/6/1526/htm

9.181 Determination of phenolic antioxidants in tuna fillets canned in hydrosols with HPLC-DAD
Kalogiouri, Kokokiris, Doulgeraki, Papadopoulos, Samanidou
International Journal of Food Science and Technology 2021, 56, 4091–4097
http://doi.org/10.1111/ijfs.15034

9.182 Fast fabric phase sorptive extraction of selected β-blockers from human serum and urine followed by UHPLC-ESI-MS/MS analysis
Zacharis, Mazaraki, Fytianos, Kabir, Furton, Samanidou
Journal of Pharmaceutical and Biomedical Analysis, 199 (2021) 114053
https://doi.org/10.1016/j.jpba.2021.114053

9.183 Monitoring of remaining thiophenic compounds in liquid fuels desulphurization studies using a fast HPLC-UV method
Vasiliki Kapsali, Konstantinos Triantafyllidis, Eleni Deliyanni, Victoria Samanidou
Separations 2021, 8(4), 48.
https://doi.org/10.3390/separations8040048

9.184 Rapid exposure monitoring of six bisphenols and diethylstilbestrol from human urine using fabric phase sorptive extraction followed by high performance liquid chromatography – photodiode array analysis
V. Alampanos, A. Kabir, K. G. Furton, V. Samanidou
J.Chromatography B 2021.
https://doi.org/10.1016/j.jchromb.2021.122760

9.185 Exploring the volatile metabolome of conventional and organic walnut oils by solid-phase microextraction and analysis by GC-MS combined with chemometrics
N.Kalogiouri, N.Manousi, G.Zachariadis, E.Rosenberg, A. Paraskevopoulou and V.Samanidou
Food Chemistry (2021) Volume 363, 30 November 2021, 130331
https://doi.org/10.1016/j.foodchem.2021.130331

9.186 Designing a moderately hydrophobic sol-gel monolithic Carbowax 20 M sorbent for the capsule phase microextraction of triazine herbicides from water samples prior to HPLC analysis N.Manousi, V.Alampanos, I.Priovolos, A.Kabir, K.G.Furton,E.Rosenberg, G.A.Zachariadis, V.F.Samanidou
Talanta, Volume 234, 1 November 2021, 122710
https://doi.org/10.1016/j.talanta.2021.122710

9.187 Magnet integrated fabric phase sorptive extraction of selected endocrine disrupting chemicals from human urine followed by high-performance liquid chromatography – photodiode array analysis
Vasileios Alampanos; Abuzar Kabir; Kenneth Furton; VICTORIA SAMANIDOU
Journal of Chromatography A, Volume 1654, 27 September 2021, 462459.
https://doi.org/10.1016/j.chroma.2021.462459

9.188 Synthesis and application of the magnetic nanocomposite GO-Chm for the extraction of benzodiazepines from surface water samples prior to HPLC-PDA analysis
Orfeas-Evangelos Plastiras, Eleni Deliyanni, Victoria Samanidou *
Appl. Sci. **2021**, 11(17), 7828;
https://doi.org/10.3390/app11177828 (registering DOI)

9.189 A rapid HPLC-UV protocol coupled to chemometric analysis for the determination of the major phenolic constituents and tocopherols content in almonds and the discrimination of the geographical origin
Natasa P. Kalogiouri *, Petros D. Mitsikaris, Dimitris Klaoudatos,
Athanasios N. Papadopoulos, Victoria F. Samanidou
Molecules 2021, 26, 5433.
https://doi.org/10.3390/molecules26185433

9.190 HPLC fingerprints for the authentication of walnuts and the detection of fraudulent incidents
Natasa P. Kalogiouri, Victoria F. Samanidou
Foods 2021, 10, 2145.
https://doi.org/10.3390/foods10092145

9.191 Exploiting the capsule phase microextraction features in bioanalysis: extraction of ibuprofen from urine samples
N. Manousi, A. Kabir, K. Fourton, V. Samanidou, C. Zacharis
Microchemical 2021 Volume 172, Part A, January 2022, 106934
https://doi.org/10.1016/j.microc.2021.106934

9.192 Elution of monomers from CAD-CAM materials and conventional resin composite in distilled water and artificial saliva.
Mourouzis, Diamantopoulou, Plastiras, Samanidou
Operative Dentistry.

9.193 Development and validation of a UAE-SPE-HPLC-DAD method for the determination of flavonoids in by-products of plant origin: An application study for the valorization of the walnut septum membrane
Natasa P. Kalogiouri, Victoria F. Samanidou *
Molecules 2021, 26, 6418.
https://doi.org/10.3390/molecules26216418

9.194 Exploring sol-gel zwitterionic fabric phase sorptive extraction sorbent as a new multi-mode platform for the extraction and preconcentration of triazine herbicides from juice samples
Natalia Manousi, Vasileios Alampanos, Ioannis Priovolos, Abuzar Kabir, Kenneth G. Furton, Erwin Rosenberg, George A. Zachariadis, Victoria F. Samanidou
Food Chemistry Volume 373, Part B, 30 March 2022, 131517.
https://doi.org/10.1016/j.foodchem.2021.131517

9.195 Development of a Microwave Assisted Extraction protocol for the simultaneous determination of mycotoxins and pesticide residues in apples by LC-MS/MS
Natasa P. Kalogiouri, Emmanouil-Nikolaos Papadakis, Maria G. Maggalou, George S. Karaoglanidis, Victoria F. Samanidou, Urania Menkissoglu-Spiroudi
Appl. Sci. **2021**, *11*(22), 10931;
https://doi.org/10.3390/app112210931

9.196 A fabric phase sorptive extraction method for the LC-UV determination of bisphenol A and leaching monomers from dental materials in human saliva
E. Andreasidou, P. Mourouzis, L. Daktylidi, A. Kabir, K. G. Furton, V. Samanidou
J. Chromatography B Volume 1188, 1 January 2022, 123073
https://doi.org/10.1016/j.jchromb.2021.123073

9.197 Development of highly hydrophobic fabric phase sorptive extraction membranes and exploring their applications for the rapid determination of tocopherols in edible oils analyzed by high pressure liquid chromatography-diode array detection
Natasa P. Kalogiouri; Abuzar Kabir; Basit Olayanju; Kenneth G. Furton; VICTORIA SAMANIDOU
Journal of Chromatography A accepted 2021.

9.198 Microwave-assisted extraction methodologies for the determination of phenols and tocopherols in pistachio nuts analyzed by HPLC-UV and coupled to chemometrics to guarantee quality and authenticity
Natasa P. Kalogiouri, Petros D. Mitsikaris, Athanasios N. Papadopoulos, Victoria F. Samanidou *
Molecules, **2022**, *27*(4), 1435;
https://www.mdpi.com/1420-3049/27/4/1435

9.199 Magnet integrated fabric phase sorptive extraction as a stand-alone extraction device for the monitoring of benzoyl urea insecticides in water samples by HPLC-DAD
Natalia Manousi; Vasileios Alampanos; Antonio Ferracane; Georgios Efstratiadis; Abuzar Kabir; Kenneth G. Furton; Peter Q. Tranchida; George A. Zachariadis; Luigi Mondello; Erwin Rosenberg; VICTORIA SAMANIDOU
Journal of Chromatography A Volume 1672, 7 June 2022
https://doi.org/10.1016/j.chroma.2022.463026

9.200 Simultaneous quantification of Bisphenol-A and 4-tert-octylphenol in the live aquaculture feed Artemia franciscana and in its culture medium using HPLC-DAD
Despoina Giamaki, Konstantina Dindini, Victoria Samanidou, Maria Touraki *
Methods Protoc. 2022, 5(3), 38; https://doi.org/10.3390/mps5030038
https://www.mdpi.com/2409-9279/5/3/38

9.201 Development of a capsule phase microextraction methodology for the selective determination of coumarin in foodstuff analyzed by HPLC-DAD
Natasa P. Kalogiouri, Nikoleta Ampatzi, Abuzar Kabir, Kenneth G. Furton, Victoria F. Samanidou
Advances in Sample Preparation, 2022
https://doi.org/10.1016/j.sampre.2022.100026

9.202 A monolithic capsule phase microextraction method combined with HPLC-DAD for the monitoring of benzoyl urea insecticides in apple juice samples
Natalia Manousi[a,b,*], Antonio Ferracane[b,c], Abuzar Kabir[d,e], Kenneth G. Furton[d], Peter Q. Tranchida[c], George A. Zachariadis[a], Luigi Mondello[c,f,g,h], Victoria F. Samanidou[a], Erwin Rosenberg[b]
Microchemical 2022

9.203 Release of monomers in dental wastewater during treatment. A comparative in vitro and in vivo study based on Fabric Phase Sorptive Extraction.
Petros Mourouzis*, Eirini Andreasidou, Aristidis Arhakis, Abuzar Kabir, Kenneth G. Furton, Victoria Samanidou, Kosmas Tolidis
Microchemical 2022

9.204 Capsule phase microextraction of six bisphenols from human breast milk using a monolithic polyethylene glycol sorbent-based platform prior to high performance liquid chromatography-photo-diode array detection determination
Vasileios Alampanos; Abuzar Kabir; Kenneth G. Furton; Irene Panderi; VICTORIA SAMANIDOU
Journal of Chromatography A 2022
https://doi.org/10.1016/j.chroma.2022.463615

9.205 Green capsule phase microextraction employing hydrophobic monolithic sol-gel octadecyl siloxane platforms for the monitoring of organophosphorus pesticides in environmental water samples
Natalia Manousi, Antonio Ferracane, Abuzar Kabir, Kenneth G. Furton, Peter Q. Tranchida, George A. Zachariadis, Justyna Płotka-Wasylka, Luigi Mondello, Victoria F. Samanidou, Erwin Rosenberg
Sustainable Chemistry and Pharmacy, 2022

9.206 Development of an HPLC-DAD Method for the Extraction and Quantification of 5-Fluorouracil, Uracil, and 5-Fluorodeoxyuridin Monophosphate in Cells and Culture Media of Lactococcus lactis
Petros Mavromatis,Kyriaki Stampouli,Angeliki Vliora,Anna Mayilyan,Victoria Samanidou, Maria Touraki
Separations 2022, 9(11), 376;
https://doi.org/10.3390/separations9110376 (registering DOI)

9.207 Monomers release from direct and indirect resin-based restorations after immersion in common beverages.
Petros Mourouzis *, Magdalini Vladitsi, Charalampia Nikolaou, Natasa Kalogiouri, Victoria Samanidou, Kosmas Tolidis
Polymers, 2022.

9.208 Monolithic capsule phase microextraction prior to gas chromatography-mass spectrometry for the determination of organochlorine pesticides in environmental water samples
Natalia Manousi, Antonio Ferracane, Abuzar Kabir, Kenneth G. Furton, Peter Q. Tranchida, George A. Zachariadis, Justyna Płotka-Wasylka, Luigi Mondello, Victoria F. Samanidou, Erwin Rosenberg. Microchemical journal 2022

9.209 Solid-phase microextraction Arrow combined with comprehensive two-dimensional gas chromatography-mass spectrometry for the elucidation of the volatile composition of honey samples
Natalia Manousi, Natasa Kalogiouri, Antonio Ferracane, George A. Zachariadis, Victoria F. Samanidou, Peter Q. Tranchida, Luigi Mondello, Erwin Rosenberg.
Anal. Bioanal. Chem. 2023.
https://doi.org/10.1007/s00216-023-04513-0

9.210 hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry combined with fabric phase sorptive extraction for therapeutic drug monitoring of pioglitazone, repaglinide, and nateglinide in human plasma
Panagiotis Stamou, Anthi Parla, Abuzar Kabir, Kenneth G. Furton, Dimitra Gennimata, Victoria Samanidou, Irene Panderi
Journal of Chromatography B, 2023, 123628

9.211 Maximization of the photocatalytic degradation of Diclofenac using polymeric g-C3N4 by tuning the precursor and the synthetic protocol
Polyxeni Papamichail , Christina Nannou , Dimitrios A. Giannakoudakis, Nikolaos. D. Bikiaris , Chrysanthi Papoulia , Eleni Pavlidou , Dimitra Lambropoulou, Victoria Samanidou, Eleni Deliyanni
Catalysis Today, 2023, Volume 418, 1 June 2023, 114075
https://doi.org/10.1016/j.cattod.2023.114075

9.212. Magnet Integrated Fabric Phase Sorptive Extraction for the extraction of resin monomers from human urine prior to HPLC analysis

Georgios Antoniou, Vasileios Alampanos, Abuzar Kabir, Torki Zughaibi, Kenneth G. Furton, Victoria Samanidou *
Separations 2023

10. DIPLOMA AND DISSERTATION THESIS

10.1 Air pollution study in the area of Thessaloniki based on the determination of heavy metals Pb, Cd, Zn in roadside vegetation.
V.Samanidou. Diploma Thesis. Pages 56. Thessaloniki (1984).

10.2. PhD Thesis on the Distribution and mobilization of heavy metals in waters and sediments from rivers in Northern Greece.
V.Samanidou, Pages 292. Thessaloniki 1990.
http://thesis.ekt.gr/thesisBookReader/id/1285#page/32/mode/2up

11. PUBLICATIONS IN SCIENTIFIC REFERREED JOURNALS WITHOUT IMPACT FACTOR

11.1. Methods of SO_2 removal from industrial waste gases.
V.Samanidou and K.Fytianos.
Chimica Chronica, General Edition. 52(1), 23-29 (1987).

11.2. Automobile and environment.
V.Samanidou and K.Fytianos.
Chimica Chronica, General Edition. 52(2), 68-74 (1987).

11.3. Environmental Impact from Power Plants and Energy Policy.
D.Papameletiou, **V.Samanidou**, C.Fytianos.
Mineral wealth, 66, 47-54 (1990).

11.4 European legislation for antibacterials residues in foods of animal origin.
E.Christodoulou, V.Samanidou
Chimica Chronica, General Edition. 7/10, 11-15. (2010).

11.5 International year of the periodic table.
S. Kitsinellis, O.E.Plastiras, V.Samanidou
Chimica Chronica, General Edition 82(3) 17-27 (2020)

11.6 Sample Preparation in Chemical Analysis
Chimica Chronica, General Edition 82(6) 10-13 (2020)
https://www.eex.gr/news/anakoinwseis/2477-teuxos-iouliou-augoustou-2020

11.7 Historical Landmarks of EuChemS 2019. Cannabis Factory of Edessa
Natasa Kalogiouri and Victoria Samanidou
Chimica Chronica, General Edition 82(7) 11-13 (2020)
https://www.eex.gr/news/anakoinwseis/2488-teuxos-septembriou-2020

11.8 Presentation of EuChemS-DAC Sample Preparation Study Group and Network
Natalia Manousi, Victoria Samanidou, Elefteria Psillakis
Chimica Chronica, General Edition, 83(1), 27-28, (2021)
https://www.eex.gr/news/anakoinwseis/2551-teuxos-ianouariou-febrouariou-2021

12. EDITORIALS-REPORTS

12.1 Editorial for Special Issue of Current Organic Chemistry: Recent advances in chemical analysis of organic compounds.
Guest Editor, **Victoria F. Samanidou**.
Current Organic Chemistry, 2010, Vol. 14, No. 19, 2218-2219
http://www.benthamdirect.org/pages/content.php?COC/2010/00000014/00000019/0001D.SGM

12.2 Preface to CURRENT MEDICINAL CHEMISTRY
MINI HOT TOPIC ISSUE: "EPIGENETIC MECHANISMS AND THERAPEUTIC STRATEGIES"Current Medicinal Chemistry
Volume 18, Number 12, 2011 Guest editors Samanidou, Kovatsi, editorial p 1732
Victoria Samanidou and Leda Kovatsi - Guest Editors
http://www.benthamscience.com/cmc/contabs/cmc18-12.htm#1

12.3 September, the month of conferences. Editorial Pharmaceutica Analytica Acta 2012
Victoria F. Samanidou
http://www.omicsonline.org/2153-2435/2153-2435-3-e124.php?%20aid=8932
doi: 10.4172/2153-2435.1000e124

12.4 Editorial Pharmaceutica Analytica Acta 2012
Carbon nanotubes: Application in pharmaceuticals
Victoria F. Samanidou
http://www.omicsonline.org/2153-2435/2153-2435-3-e122.php?aid=8964
doi: 10.4172/2153-2435.1000e122

12.5 Report on the 8th Aegean Analytical Chemistry Days, IZTECH, Izmir September 16-20, 2012
Victoria F. Samanidou, Bioanalysis (2012) 4(24), 2875–2876.
http://www.future-science.com/doi/abs/10.4155/bio.12.263

12.6 Report on the 12th International Conference on Flow Analysis (FLOW ANALYSIS XII), Thessaloniki, Greece, September 23-28, 2012
Victoria F. Samanidou Bioanalysis (2012) 4(24), 2873–2874.
http://www.future-science.com/doi/full/10.4155/bio.12.274

12.7 Core-shell particle technology in pharmaceutical analysis
Victoria F. Samanidou,
Editorial Pharmaceutica Analytica Acta 2013
http://www.omicsonline.org/2153-2435/2153-2435-4-e148.php?aid=13046
doi: 10.4172/2153-2435.1000e148

12.8 Nomination for Young Investigator Bioanalysis Awards.
L.Kovatsi, **V.Samanidou**. Bioanalysis(2013) 5 (11), 1343-1343.
http://www.future-science.com/doi/full/10.4155/bio.13.96

12.9 Report on the 8th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications (IMA), 15-19 Sept 2013, Thessaloniki, Greece.
Victoria F. Samanidou,
Editorial Pharmaceutica Analytica Acta 2013
doi: 10.4172/2153-2435.1000e156

12.10 Various Aspects in the Impurity Profiling of Pharmaceutical Formulations
Victoria F. Samanidou,
Editorial Pharmaceutica Analytica Acta 20145:9
http://dx.doi.org/10.4172/2153-2435.1000e163

12.11 Pharmaceutical analysis from a green perspective
Victoria F. Samanidou
Editorial, Austin J Anal Pharm Chem. 2014;1(4): 1016.
http://austinpublishinggroup.com/analytical-pharmaceutical-chemistry/fulltext/ajapc-v1-id1016.php

12.12 ***Inspiring the New Generation***

Victoria F. Samanidou, The Analytical Scientist, November 24th, 2014| Issue #1114, Article 303,Texere Publishing after invitation
https://theanalyticalscientist.com/issues/1114/inspiring-the-new-generation/

12.13 HPLC Analysis of Penicillins in Veterinary Drugs
Samanidou V* and Evaggelopoulou EN Editorial Pharmaceutica Analytica Acta. Pharm Anal Acta 2015, 6:4, http://dx.doi.org/10.4172/2153-2435.1000e174

12.14 FPSE in Pharmaceutical Analysis
V. Samanidou and A. Kabir, Pharm Anal Acta 2015, 6:7
http://dx.doi.org/10.4172/2153-2435.1000e177

12.15 SOJ Chromatographic Science. High Performance Liquid Chromatography (HPLC): The workhorse in the Analytical Laboratory Victoria F. Samanidou*

12.16 Critical Constructive or Crass? Victoria F. Samanidou
The Analytical Scientist, October 19th, 2015| Issue #1015, Article 304,
Texere Publishing after invitation
https://theanalyticalscientist.com/issues/1015/critical-constructive-or-crass/

12.17 Teaching Rights and Wrongs. Victoria F. Samanidou
The Analytical Scientist, March 2016 Issue 03 # Article 0316
Texere Publishing after invitation
https://theanalyticalscientist.com/issues/0316/teaching-rights-and-wrongs/

12.18 The challenges in hair analysis from the perspective of an analytical chemist.
Victoria F. Samanidou. Journal of Applied Bioanalysis, 2016. October 2016, p. 103-107.
http://dx.doi.org/10.17145/jab.16.014 (ISSN 2405-710X) Vol. 2, No. 4.

12.19 Don't prepare to fail. Victoria F. Samanidou The Analytical Scientist, April 2017 Issue 04 # Article 0417 Texere Publishing
https://theanalyticalscientist.com/issues/0417/dont-prepare-to-fail/

12.20 Green perspective in sample preparation prior to chromatographic analysis
Victoria F. Samanidou **Atlas of Science,** May 9, 2017
http://atlasofscience.org/green-perspective-in-sample-preparation-prior-to-chromatographic-analysis/

12.21 22th Panhellenic Conference in Chemistry (2016)
Thessaloniki, **Greece** Victoria Samanidou and Andreas Tsakalof.
Journal of Applied Bioanalysis Vol. 3 issue 4, page 58
http://www.betasciencepress.com/index.php/vol-3-no-4
http://dx.doi.org/10.17145/jab.17.009

12.22 They shoot horses, don't they? Victoria F. Samanidou
The Analytical Scientist, April 2017 Issue 07 # Article 0717 Texere Publishing
https://theanalyticalscientist.com/issues/0717/they-shoot-horses-dont-they/
https://themedicinemaker.com/issues/0917/they-shoot-horses-dont-they/
The Medicine Maker October 2017 Issue 09 # Article 0717
https://thepathologist.com/issues/0718/they-shoot-horses-dont-they/
The Pathologist, July, Issue 07 # Article 0718

12.23 Fabrication of magnetic activated carbon as a new adsorbent for ultrasonic assisted magnetic solid phase dispersive extraction of bisphenol A from milk
Eleni Deligianni and Victoria F. Samanidou Atlas of Science, September 19, 2017
http://atlasofscience.org/fabrication-of-magnetic-activated-carbon-as-a-new-adsorbent-for-ultrasonic-assisted-magnetic-solid-phase-dispersive-extraction-of-bisphenol-a-from-milk/

12.24 Dwelling on the fundamentals Victoria F. Samanidou
The Analytical Scientist, October 2017 Issue 10 # Article 1017 Texere Publishing
https://theanalyticalscientist.com/issues/1017/dwelling-on-the-fundamentals/

12.25 Trends in Micro-extraction Techniques for Sample Preparation
Editorial of Special Issue. *Separations* **2018**, *5*(1), 1;
http://www.mdpi.com/2297-8739/5/1/1 doi:10.3390/separations5010001

12.26 Landmark Papers, January 2018 The Analytical Scientist

12.27 Blood Hematocrit Still a Critical Parameter in BioanalysisV.Samanidou
Pharmaceutical Analytica Acta, Editorial DOI: 10.4172/2153-2435.1000e191

12.28 Capsule Phase Microextraction: The Total and Ultimate Sample Preparation Approach
Samanidou V*, Georgiadis DE, Kabir A and Furton KG
J. Chromatogr Sep Tech, 2018 9: 395. doi:10.4172/2157-7064.1000395

12.29 Molecular Imprinting for Sample Preparation. Dimitrios Bitas and Victoria Samanidou
LC-GC

12.30 QuEChERS: The Dispersive Methodology Approach for Complex Matrices
Maggira M. and Samanidou V. J Chromatogr Sep Tech 2018, 9:2
DOI: 10.4172/2157-7064.1000398

12.31 Meet our Editorial Board Member: Dr. Victoria F. Samanidou
Journal of Applied Bioanalysis http://dx.doi.org/10.17145/jab.18.008

12.32 More alive than Dead Victoria F. Samanidou
The Analytical Scientist, April 2018 Issue 4 # Article 0418 Texere Publishing
https://theanalyticalscientist.com/issues/0418/more-alive-than-dead/

12.33 Two-Dimensional Liquid Chromatography (2D-LC) for Biopharmaceuticals
V.Samanidou, Pharm Anal Acta 2018, 9:5, DOI: 10.4172/2153-2435.1000e192

12.34 An Underused Framework for Simpler Sample Prep?
Victoria Samanidou The Analytical Scientist. 2018, June 2018 Issue 6 # Article 0618
https://theanalyticalscientist.com/issues/0618/an-underused-framework-for-simpler-sample-prep/

12.35 Molecular Imprinting for Sample Preparation Bitas D. and Samanidou V.
A. LCGC NORTH AMERICA VOLUME 36 NUMBER 10 OCTOBER 2018, 772- 776.
http://files.pharmtech.com/alfresco_images/pharma/2018/10/15/6d2128a2-92c7-4fbb-a09a-a4d8b0456797/LCGC_NAmerica_Oct2018.pdf
B. LC GC EUROPE VOLUME 31 NUMBER 12 DECEMBER 2018, 660-664.
http://files.pharmtech.com/alfresco_images/pharma/2018/12/13/9ea5b871-673b-4ed0-929b-c5417d4be6e1/LCGC%20Europe%20December.pdf

12.36 Digital Simpler Sample Prep Victoria Samanidou
The Analytical Scientist. 2018, November 2018 Issue 11 # Article 1118
https://theanalyticalscientist.com/issues/1118/digital-sample-prep/

12.37 A day to remember Victoria Samanidou
The Analytical Scientist. 2019, January 2019 Issue 1 # Article 0119
https://theanalyticalscientist.com/techniques-tools/a-day-to-remember

12.38 JCIS cover Mn3O4/GO cover for the manuscript 9.156.

12.39 Status Quo... and Quo Vadis Victoria Samanidou
The Analytical Scientist. 2019, April 2019 Issue 4 # Article 0419
https://theanalyticalscientist.com/fields-applications/status-quo-and-quo-vadis

12.40 New Dimensions of Pharmaceutical Analysis Victoria F Samanidou
Pharm Anal Acta, Vol. 10 Iss. 3 No: 613
https://www.longdom.org/open-access/new-dimensions-of-pharmaceutical-analysis.pdf

12. 41 Automation in Sample Preparation and Green Analytical Perspectives
Aristidis Anthemidis, Victoria F. Samanidou.

Current Analytical Chemistry, 2019, Vol. 15, No. 7 705
DOI: 10.2174/1573411015071910151227 29
http://www.eurekaselect.com/175685/article

12.42 Meet our Regional Editor Victoria F. Samanidou.
Current Analytical Chemistry Volume 15 , Issue 7 , 2019
DOI : 10.2174/1573411015071910151221 56
http://www.eurekaselect.com/175683/article

12.43 It's all Greek to me Victoria Samanidou
The Analytical Scientist. 2019, Dec 2019 Issue 12 # Article 0419
https://theanalyticalscientist.com/business-education/its-all-greek-to-me

12.44 Meet the Editor RSS

12.45 Metal Organic Frameworks: Synthesis and Application. Editorial of Special Issue.
Victoria F. Samanidou, Eleni A. Deliyanni
Molecules 2020, 25(4), 960;
https://doi.org/10.3390/molecules25040960

12.46. https://encyclopedia.pub/revision/7591/v4 Extraction Techniques in Sample Preparation
Subjects: Analytical ChemistryView times: 6
Created by: Victoria Samanidou (This entry belongs to Entry Collection "Extraction Techniques in Sample Preparation")
Encyclopedia 2020 doi: 10.32545/encyclopedia202004.0027.v4
DOI: 10.32545/encyclopedia202004.0027.v4

12.47 HPLC Doctors and Nurses Victoria Samanidou
The Analytical Scientist. 2020, Issue 5 # Article 0520
https://theanalyticalscientist.com/techniques-tools/hplc-doctors-and-nurses?utm_source=Proteins%20in%20Space%20%28and%20Food,%20and%20elsewhere!%29&utm_medium=email&utm_campaign=Two%20Column%20Teaser&utm_content=Image&iitt=VuU9RM4lhMPshFWDbfJLaus_EoB.RkUAtueJEkzchjHT

12.48 Analytica—A Journal of Analytical Chemistry and Chemical Analysis
Marcello Locatell, Roberto Mandrioli, Victoria Samanidou and Thomas W. Bocklitz
https://www.mdpi.com/2673-4532/1/1/2/htm
Analytica **2020**, *1*(1), 12-13; **https://doi.org/10.3390/analytica1010002**

12.49 Pharmaceutical Analysis in COVID-19 pandemic era. Editorial Victoria F. Samanidou
Pharmaceutica Analytica Acta Volume 11, Issue 5 (2020)
DOI: 10.35248/2153- 2435.20.11.628

12.50 Digital Overdose: The New Academic Reality
Victoria Samanidou
The Analytical Scientist. 2020, Dec 2020 Issue 12 # Article 1220
https://theanalyticalscientist.com/business-education/digital-overdose-the-new-academic-reality

12.51 Deep Eutectic Solvents
O.Plastiras, Ei. Andreasidou, V.Samanidou
Encyclopedia mdpi
https://encyclopedia.pub/6999

12.52 Webinar video: Current Status of Sample Preparation
Samanidou, Pico, Kabr, Lucena
Encyclopedia mdpi
https://encyclopedia.pub/2748

12.53 Graphene oxide
Manousi, Deliyanni, Rosenberg, Zachariadis. Victoria Samanidou
Encyclopedia mdpi
https://encyclopedia.pub/7253

12.54 Fabric Phase Sorptive Extraction
A.Kabir and V.Samanidou
Encyclopedia mdpi
https://encyclopedia.pub/7933

12.55 The Use of Molecular Imprinted Polymers Prior to Chromatographic Methods for the Analysis of Bisphenols in Packaged Foods
Natasa P. Kalogiouri and Victoria F. Samanidou
LC-GC April, 2021.

12.56 Do all Analytical Scientists Speak the Same Language?
Victoria Samanidou
The Analytical Scientist. 2021, April 2021 Issue 3 # Article 0421, page 14
https://theanalyticalscientist.com/business-education/do-all-analytical-scientists-speak-the-same-language?fbclid=IwAR0RobtpOiw70m3vnq7WAllo66om-_jp7GWb0Rc2jV6itUNC578ZBhoHefA

https://theanalyticalscientist.com/fileadmin/tas/pdf-versions/issues/0421_TAS_Issue.pdf

It was marked as one the most popular articles of the magazine over the years for the year 2021

https://theanalyticalscientist.com/fields-applications/creme-de-la-analytical-chem?xnpe_tifc=b.x8xdU.4kYlx.4.xDYJ4ypZhfEWVjQsVuU_O.Yj4.UuOkeNtIYdhFbA4Fxl4Cl8OfeutfbdbIUuxuQ.4fxdxjXlbDHX4F1d4dYDxDVDOIBu&utm_source=eNews&utm_campaign=TAS%20Newsletter%20Week%2042%202021&utm_medium=email&fbclid=IwAR1lfzSijk91JPCEcTPOI1ChXOpe6811CwQ3orLPkuS-TqyQcztbfrkZfCU

12.57 Going Green in Environmental Analysis
Victoria Samanidou
Current Analytical Chemistry
Volume 17, Issue 4 , 2021
DOI: 10.2174/1573411017042103251552 53

12.58 Messages on 20th anniversary of PJAEC
Messages on 20th anniversary of PJAEC | Pakistan Journal of Analytical & Environmental Chemistry
View of Messages on 20th anniversary of PJAEC

12.59 GRAPHENE-BASED NANOMATERIALS IN ENVIRONMENTAL ANALYSIS
Subjects: Nanoscience & Nanotechnology
Contributors: Victoria Samanidou , Orfeas-Evangelos Plastiras Eleni Deliyanni
Encyclopedia mdpi. (This entry belongs to Entry Collection "Extraction Techniques in Sample Preparation ")
https://encyclopedia.pub/10438

12.60 Between High Analytical Demands and Green(er) Sample Preparation for A Sustainable Future. Chemistry in Europe 2021-2 Newsletter
https://www.euchems.eu/newsletters/chemistry-in-europe-2021-2/research/
Slaviac Razic, Elefteria Psillakis and Victoria Samanidou

12.61 P(r)aying for Authorship: Integrity in Publishing
Victoria Samanidou
The Analytical Scientist. 2021, September 2021 Issue 8 # Article 0821 page 14
https://theanalyticalscientist.com/business-education/praying-for-authorship-integrity-in-publishing

https://theanalyticalscientist.com/fileadmin/tas/pdf-versions/issues/0821_TAS_Issue.pdf

12.62 The Use of Molecular Imprinted Polymers Prior to Chromatographic Methods for the Analysis of Bisphenols in Packaged
N.Kalogiouri and V. Samanidou
LCGC NORTH AMERICA VOLUME 39 NUMBER 12 DECEMBER 2021
https://cdn.sanity.io/files/0vv8moc6/chroma/478ce39891587815b328ea29394ab18a460f9178.pdf/LCGC_NAmerica_December2021.pdf

12. 63 The Pivotal Role of Chemistry in Research and Development
Victoria Samanidou,*George Zachariadis,Michael A. Terzidis and Adamantini Paraskevopoulou
Separations 2022, 9(1), 4; https://doi.org/10.3390/separations9010004 (registering DOI)
https://www.mdpi.com/2297-8739/9/1/4

12.64 Cite Your Sources: Academic Integrity Revisited
Victoria Samanidou | 02/21/2022 | The Analytical Scientist
March April 2022, page 9.
https://theanalyticalscientist.com/business-education/cite-your-sources-academic-integrity-revisited

https://theanalyticalscientist.com/fileadmin/tas/pdf-versions/issues/0422_TAS_Issue.pdf
Most Read Articles in 2022 Analytical Scientist

12.65 Cover story Magnetochemistry
https://www.mdpi.com/2312-7481/8/3

12.66 Academic Integrity Volume 3: An Indecent Proposal
Are some journal editors giving articles preferential treatment for a fee?
Victoria Samanidou | 06/27/2022 | The Analytical Scientist
July-August 2022 page 9
https://theanalyticalscientist.com/business-education/academic-integrity-volume-3-an-indecent-proposal

https://theanalyticalscientist.com/fileadmin/tas/pdf-versions/0822_TAS_Issue.pdf

12.67 EDITORIAL FOR SPECIAL ISSUE "SAMPLE PREPARATION-QUO VADIS: CURRENT STATUS OF SAMPLE PREPARATION APPROACHES-2ND EDITION"
Victoria Samanidou and Irene Panderi
Molecules 2022
https://www.mdpi.com/1420-3049/27/19/6142

12.68 Magnet Integrated Fabric Phase Sorptive Extraction (MI-FPSE): A Powerful Green(er) Alternative for Sample Preparation
Victoria Samanidou and Abuzar Kabir
Analytica 2022, 3, 439–447.
https://doi.org/10.3390/analytica3040030

12.69 Awards Above Suspicion
Victoria Samanidou | 12/13/2022 | The Analytical Scientist
https://theanalyticalscientist.com/business-education/awards-above-suspicion

12.70 Novel sorptive microextraction approaches in bioanalysis: The paradigm of endocrine disruptors.
Alampanos V. and Samanidou V.
Bioanalysis Commentary, 2023
10.4155/bio-2023-0052
https://www.future-science.com/doi/10.4155/bio-2023-0052

13. INVITED LECTURES AND PRESENTATIONS

1. Drinking water. Quality of life and health. Greek Chemists Association.
2-12-96 Thessaloniki (1996).

V.Samanidou.

2. Training Course European Training Program in Microseparation Techniques (ECOSEP 1-Leonardo da Vinci) on Separation Techniques Patras (1998). Chromatographic Method Validation-Good Laboratory Practice.
V.Samanidou

3. HPLC analysis of antibiotic residues in food products of animal origin.
V.Samanidou.
Technical University of Graz. Institute of Analytical Chemistry and Radiochemistry, Graz. June 2006.

4. Lecture in Highschol of Panorama-Thessaloniki. 17-4-08
Topic: Studies-pofession-career and gender.
V.Samanidou.

5. 9th Symposium on Instrumental Analysis. Pécs, HUNGARY, June 29 - July 2, 2008.
Invited speaker: «Multiresidue determination of seven quinolones antibiotics in gilthead seabream using liquid chromatography–tandem mass spectrometry. **9.83**
V.Samanidou

6. VIII Poultry Days 2009 Porec Croatia
Development and validation of HPLC methods for the determination of antibiotic residues in poultry meat and egg yolk according to 2002/657/EC-an overview
Victoria F. Samanidou Invited speaker.

7. 8th Aegean Analytical Chemistry Days 2012, Izmir, Turkey.
Antibiotic residues in milk-Sample preparation perspective
V.Samanidou, E.Karageorgou. Invited speaker.

8. Training School *on* Phytochemical Analysis (COST) Febr. 13-15 2013
HPLC (principles, instrumentation, separation modes, detection systems)
V. Samanidou

9 *5*-days Workshop on "Essentials of Analytical Separation Techniques"
(11-15 August, 2014) National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan. Invited resource

10. Reaction. Production and chemical Analysis of decaffeinated coffee. 18/12/2017

11. Sample Preparation going green(er) in food analysis - The paradigm of antibiotics residues and endocrine disruptors"
Invited lecture in TU Wien in Seminar Series Modern Analytical Chemistry, 13 October, 2021.

12. Sample Preparation going green(er) in food analysis - The paradigm of antibiotics residues
Invited lecture by Slavica Razic. President of the Division of Analytical Chemistry of the Serbian Chemical Society

13. Invited speaker to webinar
Molecules Webinar | Methods in Food Analysis - Part 2: Future Perspectives
Part of the Molecules Webinar Series series
30 Nov 2021, 17:00 (CET)
https://molecules-26.sciforum.net/
https://molecules-26.sciforum.net/