

Chara Spiliopoulou

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,499
citations

185998

28
h-index

155451

55
g-index

105
all docs

105
docs citations

105
times ranked

4078
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Zinc: a multipurpose trace element. Archives of Toxicology, 2006, 80, 1-9. | 1.9 | 339 |
| 2 | Remodeling of myocyte gap junctions in arrhythmogenic right ventricular cardiomyopathy due to a deletion in plakoglobin (Naxos disease). Heart Rhythm, 2004, 1, 3-11. | 0.3 | 309 |
| 3 | Adverse effects of anabolic steroids in athletes. Toxicology Letters, 2005, 158, 167-175. | 0.4 | 262 |
| 4 | A study of volatile organic compounds evolved from the decaying human body. Forensic Science International, 2005, 153, 147-155. | 1.3 | 182 |
| 5 | Genotype-phenotype assessment in autosomal recessive arrhythmogenic right ventricular cardiomyopathy (Naxos disease) caused by a deletion in plakoglobin. Journal of the American College of Cardiology, 2001, 38, 1477-1484. | 1.2 | 174 |
| 6 | Domestic Violence During the COVID-19 Pandemic: A Systematic Review. Trauma, Violence, and Abuse, 2023, 24, 719-745. | 3.9 | 167 |
| 7 | Environmental aspects of VOCs evolved in the early stages of human decomposition. Science of the Total Environment, 2007, 385, 221-227. | 3.9 | 130 |
| 8 | AH-7921: the list of new psychoactive opioids is expanded. Forensic Toxicology, 2015, 33, 195-201. | 1.4 | 115 |
| 9 | Health Impacts of Fire Smoke Inhalation. Inhalation Toxicology, 2008, 20, 761-766. | 0.8 | 90 |
| 10 | Fentanyl continues to replace heroin in the drug arena: the cases of oxycodone and carfentanyl. Forensic Toxicology, 2018, 36, 12-32. | 1.4 | 81 |
| 11 | Identification and Differential Diagnosis of Perimortem Blunt Force Trauma in Tubular Long Bones. Forensic Science, Medicine, and Pathology, 2006, 2, 221-230. | 0.6 | 76 |
| 12 | Combined chemical and optical methods for monitoring the early decay stages of surrogate human models. Forensic Science International, 2011, 210, 154-163. | 1.3 | 71 |
| 13 | A fully validated method for the simultaneous determination of 11 antidepressant drugs in whole blood by gas chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 557-562. | 1.4 | 67 |
| 14 | 2C-I-NBOMe, an "N-bomb" that kills with "Smiles": Toxicological and legislative aspects. Drug and Chemical Toxicology, 2015, 38, 113-119. | 1.2 | 53 |
| 15 | Human Exposure to Endocrine Disruptors and Breast Milk. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2009, 9, 269-276. | 0.6 | 45 |
| 16 | 25B-NBOMe and its precursor 2C-B: modern trends and hidden dangers. Forensic Toxicology, 2015, 33, 1-11. | 1.4 | 45 |
| 17 | Forensic implications of carnivore scavenging on human remains recovered from outdoor locations in Greece. Journal of Clinical Forensic and Legal Medicine, 2010, 17, 298-303. | 0.5 | 44 |
| 18 | Analysis of volatile organic compounds released from the decay of surrogate human models simulating victims of collapsed buildings by thermal desorption-comprehensive two-dimensional gas chromatography-time of flight mass spectrometry. Analytica Chimica Acta, 2015, 883, 99-108. | 2.6 | 42 |

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|----|---|-----|-----------|
| 19 | Sex determination in modern Greeks using diagonal measurements of molar teeth. <i>Forensic Science International</i> , 2012, 217, 19-26. | 1.3 | 40 |
| 20 | Copper and zinc concentrations in serum of healthy Greek adults. <i>Science of the Total Environment</i> , 2006, 359, 76-81. | 3.9 | 39 |
| 21 | Development and validation of a GC/MS method for the determination of tadalafil in whole blood. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 577-581. | 1.4 | 36 |
| 22 | Mass intoxication with <i>Datura innoxia</i> case series and confirmation by analytical toxicology. <i>Clinical Toxicology</i> , 2010, 48, 143-145. | 0.8 | 31 |
| 23 | Doping and musculoskeletal system: short-term and long-lasting effects of doping agents. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 535-563. | 1.0 | 30 |
| 24 | First systematic evaluation of the potency of <i>Cannabis sativa</i> plants grown in Albania. <i>Forensic Science International</i> , 2012, 222, 40-46. | 1.3 | 30 |
| 25 | Stability of Morphine, Codeine, and Acetylmorphine in Blood at Different Sampling and Storage Conditions. <i>Journal of Forensic Sciences</i> , 2014, 59, 550-554. | 0.9 | 30 |
| 26 | Î±-PVP (α-flakka): a new synthetic cathinone invades the drug arena. <i>Forensic Toxicology</i> , 2016, 34, 41-50. | 1.4 | 30 |
| 27 | Off-line HPLC method combined to LC-MS for the determination of sildenafil and its active metabolite in post-mortem human blood according to confirmation criteria. <i>Forensic Science International</i> , 2008, 178, 192-198. | 1.3 | 29 |
| 28 | Development and validation of a GC/MS method for the simultaneous determination of levetiracetam and lamotrigine in whole blood. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 25-32. | 1.4 | 29 |
| 29 | Metabolites replace the parent drug in the drug arena. The cases of fonazepam and nifoxipam. <i>Forensic Toxicology</i> , 2017, 35, 1-10. | 1.4 | 29 |
| 30 | Sudden unexplained death in the young: epidemiology, aetiology and value of the clinically guided genetic screening. <i>Europace</i> , 2018, 20, 472-480. | 0.7 | 27 |
| 31 | Fenethylamine (Captagon) Abuse – Local Problems from an Old Drug Become Universal. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 133-140. | 1.2 | 26 |
| 32 | Biomarkers of opiate use. <i>International Journal of Clinical Practice</i> , 2010, 64, 1712-1718. | 0.8 | 25 |
| 33 | Androgen glucuronides analysis by liquid chromatography tandem-mass spectrometry: Could it raise new perspectives in the diagnostic field of hormone-dependent malignancies?. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 940, 24-34. | 1.2 | 25 |
| 34 | Toxicological investigation of drug-facilitated sexual assaults. <i>International Journal of Clinical Practice</i> , 2007, 61, 259-264. | 0.8 | 24 |
| 35 | A “Krokodil” emerges from the murky waters of addiction. Abuse trends of an old drug. <i>Life Sciences</i> , 2014, 102, 81-87. | 2.0 | 24 |
| 36 | U-47700. An old opioid becomes a recent danger. <i>Forensic Toxicology</i> , 2017, 35, 11-19. | 1.4 | 24 |

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|----|---|-----|-----------|
| 37 | Plesiomonas shigelloides Sepsis in a Thalassemia Intermedia Patient. Scandinavian Journal of Infectious Diseases, 2002, 34, 687-689. | 1.5 | 22 |
| 38 | Validated GC/MS method for the simultaneous determination of clozapine and norclozapine in human plasma. Application in psychiatric patients under clozapine treatment. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2327-2332. | 1.2 | 22 |
| 39 | Development and validation of an EI-GC/MS method for the determination of sertraline and its major metabolite desmethyl-sertraline in blood. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2576-2582. | 1.2 | 22 |
| 40 | Physiology and biochemistry of human subjects during entrapment. Journal of Breath Research, 2013, 7, 016004. | 1.5 | 22 |
| 41 | Development and Validation of a Simple GC-MS Method for the Simultaneous Determination of 11 Anticholinesterase Pesticides in Blood Clinical and Forensic Toxicology Applications. Journal of Forensic Sciences, 2012, 57, 806-812. | 0.9 | 21 |
| 42 | Subacute thyroiditis after SARS-CoV-2 vaccination: a report of two sisters and summary of the literature. Hormones, 2021, 21, 177. | 0.9 | 21 |
| 43 | Involvement of Hepatic Stimulator Substance in Experimentally Induced Fibrosis and Cirrhosis in the Rat. Digestive Diseases and Sciences, 2009, 54, 2367-2376. | 1.1 | 20 |
| 44 | Platelet-Activating Factor Involvement in Thioacetamide-Induced Experimental Liver Fibrosis and Cirrhosis. Digestive Diseases and Sciences, 2010, 55, 276-284. | 1.1 | 20 |
| 45 | The clavicle bone as an alternative matrix in forensic toxicological analysis. Journal of Clinical Forensic and Legal Medicine, 2014, 22, 7-9. | 0.5 | 20 |
| 46 | A GC-MS method for the determination of furanyl fentanyl and ocfentanil in whole blood with full validation. Forensic Toxicology, 2019, 37, 238-244. | 1.4 | 20 |
| 47 | Incidence of fatalities of road traffic accidents associated with alcohol consumption and the use of psychoactive drugs: A 7-year survey (2011-2017). Experimental and Therapeutic Medicine, 2019, 18, 2299-2306. | 0.8 | 19 |
| 48 | Sex determination by tooth size in a sample of Greek population. HOMO- Journal of Comparative Human Biology, 2014, 65, 322-329. | 0.3 | 18 |
| 49 | Old opioids, new concerns: the case of acetylfentanyl. Forensic Toxicology, 2016, 34, 201-212. | 1.4 | 18 |
| 50 | Development and validation of a gas chromatography-mass spectrometric method for the determination of sildenafil and desmethyl-sildenafil in whole blood. Journal of Separation Science, 2011, 34, 3037-3042. | 1.3 | 17 |
| 51 | Toxicological analysis of formalin-fixed or embalmed tissues: A review. Forensic Science International, 2013, 233, 312-319. | 1.3 | 17 |
| 52 | Evaluation of the accuracy of different molar teeth measurements in assessing sex. Forensic Science, Medicine, and Pathology, 2013, 9, 13-23. | 0.6 | 17 |
| 53 | Metallothionein expression during liver regeneration after partial hepatectomy in cadmium-pretreated rats. Archives of Toxicology, 1994, 68, 637-642. | 1.9 | 16 |
| 54 | Development and validation of a GC-MS method for the determination of hydroxyzine and its active metabolite, cetirizine, in whole blood. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 765-772. | 1.4 | 16 |

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|----|---|-----|-----------|
| 55 | Hepatic stimulator substance administration enhances regenerative capacity of hepatocytes in cadmium-pretreated partially hepatectomized rats. <i>Digestive Diseases and Sciences</i> , 1996, 41, 1475-1480. | 1.1 | 14 |
| 56 | Naphyrone: a "legal high" not legal any more. <i>Drug and Chemical Toxicology</i> , 2012, 35, 467-471. | 1.2 | 14 |
| 57 | Accidental Poisoning after Ingestion of "Aphrodisiac" Berries: Diagnosis by Analytical Toxicology. <i>Journal of Emergency Medicine</i> , 2012, 42, 662-665. | 0.3 | 14 |
| 58 | Direct urine analysis for the identification and quantification of selected benzodiazepines for toxicology screening. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 902, 42-46. | 1.2 | 14 |
| 59 | Diagnostic Value of Cardiac Troponin I in Postmortem Diagnosis of Myocardial Infarction. <i>American Journal of Forensic Medicine and Pathology</i> , 2013, 34, 139-141. | 0.4 | 14 |
| 60 | An evaluation of dental methods by Lamendin and Prince and Ubelaker for estimation of adult age in a sample of modern Greeks. <i>HOMO- Journal of Comparative Human Biology</i> , 2018, 69, 17-28. | 0.3 | 14 |
| 61 | A fully validated method for the determination of lacosamide in human plasma using gas chromatography with mass spectrometry: Application for therapeutic drug monitoring. <i>Journal of Separation Science</i> , 2015, 38, 260-266. | 1.3 | 13 |
| 62 | Redefining Vascular Anatomy of Posterior Tibial Artery Perforators. <i>Annals of Plastic Surgery</i> , 2016, 76, 705-712. | 0.5 | 13 |
| 63 | Furanylfentanyl: another fentanyl analogue, another hazard for public health. <i>Forensic Toxicology</i> , 2018, 36, 1-11. | 1.4 | 13 |
| 64 | 5-(2-aminopropyl)indole: A new player in the drama of "legal highs" alerts the community. <i>Drug and Alcohol Review</i> , 2015, 34, 51-57. | 1.1 | 12 |
| 65 | Guidelines for the Recognition of Cemetery Remains in Greece. <i>American Journal of Forensic Medicine and Pathology</i> , 2011, 32, 153-156. | 0.4 | 11 |
| 66 | A simple and sensitive GC/MS method for the determination of atropine during therapy of anticholinesterase poisoning in serum samples. <i>Drug Testing and Analysis</i> , 2012, 4, 229-234. | 1.6 | 11 |
| 67 | A validated GC/MS method for the determination of δ^9 -tetrahydrocannabinol and 11-nor- δ^9 -tetrahydrocannabinol-9-carboxylic acid in bile samples. <i>Forensic Toxicology</i> , 2012, 30, 51-58. | 1.4 | 11 |
| 68 | The Microvascular Anatomy of Superior and Inferior Gluteal Artery Perforator (SGAP and IGAP) Flaps: A Fresh Cadaveric Study and Clinical Implications. <i>Aesthetic Plastic Surgery</i> , 2014, 38, 1156-1163. | 0.5 | 10 |
| 69 | Possible Implication of GSTP1 and NQO1 Polymorphisms on Natalizumab Response in Multiple Sclerosis. <i>Annals of Clinical and Laboratory Science</i> , 2016, 46, 586-591. | 0.2 | 10 |
| 70 | Development and validation of a method for the determination of buprenorphine and norbuprenorphine in breast milk by gas chromatography/mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 358-362. | 0.8 | 9 |
| 71 | A fully validated method for the determination of vardenafil in blood using gas chromatography/mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011, 46, 71-76. | 0.7 | 9 |
| 72 | A validated GC/MS method for the determination of amisulpride in whole blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 947-948, 111-116. | 1.2 | 9 |

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|----|---|-----|-----------|
| 73 | Hepatic stimulator substance administration affects cadmium-induced hepatotoxicity in the rat. <i>International Hepatology Communications</i> , 1996, 5, 128-134. | 0.7 | 8 |
| 74 | DNA content of <i>Tetrahymena pyriformis</i> as a biomarker for different toxic agents. <i>Chemosphere</i> , 2008, 74, 178-180. | 4.2 | 7 |
| 75 | Overview of the Greek legislation regarding assisted reproduction and comparison with the EU legal framework. <i>Reproductive BioMedicine Online</i> , 2011, 23, 820-823. | 1.1 | 7 |
| 76 | Diphenidine: a dissociative NPS makes an entrance on the drug scene. <i>Forensic Toxicology</i> , 2018, 36, 233-242. | 1.4 | 7 |
| 77 | Gait kinematics in Low Back Pain: A non-linear approach. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2021, 34, 707-714. | 0.4 | 7 |
| 78 | Drug-Facilitated Sexual Assault Provoked by the Victim's Religious Beliefs. <i>American Journal of Forensic Medicine and Pathology</i> , 2009, 30, 384-385. | 0.4 | 6 |
| 79 | DNA content alterations in <i>Tetrahymena pyriformis</i> macronucleus after exposure to food preservatives sodium nitrate and sodium benzoate. <i>Acta Biologica Hungarica</i> , 2012, 63, 483-489. | 0.7 | 6 |
| 80 | Do Clinically Insignificant Tumors of the Prostate Exist?. <i>Urologia Internationalis</i> , 2008, 81, 379-382. | 0.6 | 5 |
| 81 | Migration study of 1,3-butadiene in eye-drop solutions. <i>Drug and Chemical Toxicology</i> , 2012, 35, 293-299. | 1.2 | 5 |
| 82 | Development and validation of a LC/MS method for the determination of δ^9 -tetrahydrocannabinol and 11-carboxy- δ^9 -tetrahydrocannabinol in the larvae of the blowfly <i>Lucilia sericata</i> : Forensic applications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2015, 55, 472-480. | 1.3 | 5 |
| 83 | Intimate partner violence in Greece: a study of 664 consecutive forensic clinical examinations. <i>Family Practice</i> , 2020, 37, 801-806. | 0.8 | 5 |
| 84 | Development and validation of a reversed-phase high-performance liquid chromatographic method for the quantitation and stability of β -lipoic acid in cosmetic creams. <i>International Journal of Cosmetic Science</i> , 2020, 42, 221-228. | 1.2 | 5 |
| 85 | Bioanalysis of antihistamines for clinical or forensic purposes. <i>Biomedical Chromatography</i> , 2017, 31, e3727. | 0.8 | 4 |
| 86 | “Poor man’s methadone” can kill the poor man. Extra-medical uses of loperamide: a review. <i>Forensic Toxicology</i> , 2017, 35, 217-231. | 1.4 | 4 |
| 87 | Synovial fluid as an alternative specimen for quantification of drugs of abuse by GC-MS. <i>Forensic Toxicology</i> , 2019, 37, 496-503. | 1.4 | 4 |
| 88 | Bioanalytical LC-MS Method for the Quantification of Plasma Androgens and Androgen Glucuronides in Breast Cancer. <i>Journal of Chromatographic Science</i> , 2016, 54, 583-592. | 0.7 | 3 |
| 89 | A fully validated method for the simultaneous determination of 11 antihistamines in breast milk by gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4260. | 0.8 | 3 |
| 90 | Development and validation of an EI-GC-MS method for the determination of 11 antihistamines in whole blood. Applications in clinical and forensic toxicology. <i>Analytical Methods</i> , 2018, 10, 4926-4934. | 1.3 | 3 |

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| 91 | Self-immolation Suicide in Greece: A Forensic Psychiatric Autopsy Study between 2011 and 2019. Journal of Forensic Sciences, 2020, 65, 1656-1668. | 0.9 | 3 |
| 92 | Interpersonal Violence Against Children and Adolescents: A Forensic Study From Greece. Indian Pediatrics, 2021, 58, 556-559. | 0.2 | 3 |
| 93 | Putrescine administration reverses cadmium-associated inhibition of liver regeneration. Digestive Diseases and Sciences, 1998, 43, 1732-1736. | 1.1 | 2 |
| 94 | Different aspects of driving under the influence of benzodiazepines. Medicine, Science and the Law, 2016, 56, 159-160. | 0.6 | 2 |
| 95 | The Role of Dialysis Membranes on Intradialytic Selenium Removal and on Selenium Status in Patients Receiving Renal Replacement Therapy. Blood Purification, 2016, 41, 94-99. | 0.9 | 2 |
| 96 | Violent deaths among elderly in Attica, Greece: A 5-year survey (2011-2015). Journal of Clinical Forensic and Legal Medicine, 2019, 65, 76-80. | 0.5 | 2 |
| 97 | Impact of social containment measures on cardiovascular admissions and sudden cardiac death rates during Coronavirus Disease (COVID-19) outbreak in Greece. Hellenic Journal of Cardiology, 2021, 62, 318-319. | 0.4 | 2 |
| 98 | Hepatic stimulator substance administration and cadmium-induced hepatotoxicity in the rat. Pharmacological Research, 1995, 31, 213. | 3.1 | 1 |
| 99 | The application of computed tomography in wound ballistics research. Journal of Physics: Conference Series, 2015, 637, 012029. | 0.3 | 1 |
| 100 | Fentanyl related cases. The situation in Greece. European Journal of Forensic Sciences, 2016, 3, 16. | 0.2 | 1 |
| 101 | Ballistic Simulation of a Head Wound Inflicted by a Homemade Gun Used in a Suicide Case. Cureus, 2022, 14, e22145. | 0.2 | 0 |
| 103 | Interpersonal Violence Against Children and Adolescents: A Forensic Study From Greece. Indian Pediatrics, 2021, 58, 556-559. | 0.2 | 0 |