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Determination of nicotine, cotinine, and related alkaloids in human urine and saliva by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry

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#	Paper	IF	Citations
127	Current technologies and considerations for drug bioanalysis in oral fluid. <i>Bioanalysis</i> , <b>2009</b> , 1, 637-67	2.1	34
126	Metallic Free Carbon Nanotube Cluster Modified Screen Printed Electrodes for the Sensing of Nicotine in Artificial Saliva. <b>2009</b> , 21, 2387-2389		30
125	Current literature in mass spectrometry. <b>2009</b> , 44, 1262-1273		
124	A review of current trends and advances in modern bio-analytical methods: chromatography and sample preparation. <b>2009</b> , 656, 8-35		433
123	Automated on-line in-tube solid-phase microextraction coupled with HPLC/MS/MS for the determination of butyrophenone derivatives in human plasma. <b>2009</b> , 394, 1161-70		23
122	Optimization and validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous quantification of nicotine, cotinine, trans-3Hydroxycotinine and norcotinine in human oral fluid. <b>2009</b> , 395, 2349-57		31
121	Age of smoking initiation and risk of breast cancer in a sample of Ontario women. <b>2009</b> , 5, 4		14
120	Determination of aflatoxins in cereal flours by solid-phase microextraction coupled with liquid chromatography and post-column photochemical derivatization-fluorescence detection. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 8636-41	4.5	72
119	Developments and applications of capillary microextraction techniques: a review. <b>2009</b> , 655, 8-29		147
118	Current Awareness in Drug Testing and Analysis. <b>2009</b> , 1, 457-472		1
117	Analytical methods used in conjunction with solid-phase microextraction: a review of recent bioanalytical applications. <i>Bioanalysis</i> , <b>2009</b> , 1, 1081-102	2.1	27
116	Biological matrices for the evaluation of exposure to environmental tobacco smoke during prenatal life and childhood. <b>2010</b> , 396, 379-99		49
115	Recent developments and applications of microextraction techniques in drug analysis. <b>2010</b> , 396, 339-64		170
114	Contribution of microextraction in packed sorbent for the analysis of cotinine in human urine by GC-MS. <b>2010</b> , 396, 937-41		33
113	High-throughput simultaneous analysis of buprenorphine, methadone, cocaine, opiates, nicotine, and metabolites in oral fluid by liquid chromatography tandem mass spectrometry. <b>2010</b> , 398, 915-24		50
112	A novel validated procedure for the determination of nicotine, eight nicotine metabolites and two minor tobacco alkaloids in human plasma or urine by solid-phase extraction coupled with liquid chromatography-electrospray ionization-tandem mass spectrometry. <b>2010</b> , 878, 725-37		101
111	Determination of anabolic steroids in human urine by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 52, 727-33	3.5	65

110	Determination of nicotine and cotinine in human serum by means of LC/MS. <b>2010</b> , 878, 107-11		31
109	Determination of nicotine, anabasine, and cotinine in urine and saliva samples using single-drop microextraction. <b>2010</b> , 878, 2857-62		36
108	Determination of nicotine and nicotine metabolites in urine by hydrophilic interaction chromatography-tandem mass spectrometry: Potential use of smokeless tobacco products by ice hockey players. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7528-38	4.5	59
107	A novel C6-phenyl liquid chromatographic technique for rapid and simultaneous measurements of urinary cotinine and nicotine. <i>Analytical Methods</i> , <b>2010</b> , 2, 878	3.2	1
106	Nicotine exposure and metabolizer phenotypes from analysis of urinary nicotine and its 15 metabolites by LC-MS. <i>Bioanalysis</i> , <b>2011</b> , 3, 745-61	2.1	39
105	SAMPLE PREPARATION FOR HIGH PERFORMANCE LIQUID CHROMATOGRAPHY: RECENT PROGRESS. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2011</b> , 34, 1157-1267	1.3	13
104	Application of molecularly imprinted polymer solid-phase extraction for salivary cotinine. <b>2011</b> , 400, 2109-17		18
103	Determination of nicotine and its metabolite cotinine in urine and cigarette samples by capillary electrophoresis coupled with electrochemiluminescence. <b>2011</b> , 32, 2148-54		15
102	Recent advances in SPME techniques in biomedical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 54, 926-50	3.5	174
101	Direct bioanalytical sample injection with 2D LC-MS. <i>Bioanalysis</i> , <b>2012</b> , 4, 2737-56	2.1	18
100	Simultaneous analysis of biologically active pyridines in pharmaceutical formulations by capillary zone electrophoresis. <b>2012</b> , 50, 151-6		4
99	Nicotine, cotinine, and myosmine determination using polymer films of tailor-designed zinc porphyrins as recognition units for piezoelectric microgravimetry chemosensors. <b>2012</b> , 84, 2154-63		16
98	Recent advances in column switching sample preparation in bioanalysis. <i>Bioanalysis</i> , <b>2012</b> , 4, 809-32	2.1	39
97	Role of microextraction sampling procedures in forensic toxicology. <i>Bioanalysis</i> , <b>2012</b> , 4, 1805-26	2.1	37
96	Determination of biomarkers of tobacco smoke exposure in oral fluid using solid-phase extraction and gas chromatography-tandem mass spectrometry. <b>2012</b> , 889-890, 116-22		17
95	Fast and sample cleanup-free measurement of nicotine and cotinine by stable isotope dilution ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 67-68, 137-43	3.5	11
94	Simultaneous quantification of nicotine, cotinine, trans-3Hydroxycotinine, norcotinine and mecamlamine in human urine by liquid chromatography-tandem mass spectrometry. <b>2012</b> , 413, 978-84		23
93	Quantitation of cotinine and its metabolites in rat plasma and brain tissue by hydrophilic interaction chromatography tandem mass spectrometry (HILIC-MS/MS). <b>2012</b> , 907, 117-25		24

92	Column-Switching Sample Preparation. <b>2012</b> , 649-676		3
91	Automated analysis of salivary stress-related steroid hormones by online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , <b>2012</b> , 4, 3625	3.2	13
90	Application of SPME to Pharmacodynamics, Pharmacokinetics, and Toxicology. <b>2012</b> , 509-531		1
89	The use of nano-carbon as an alternative to multi-walled carbon nanotubes in modified electrodes for adsorptive stripping voltammetry. <b>2012</b> , 162, 361-368		87
88	Analysis of alkaloids from different chemical groups by different liquid chromatography methods. <b>2012</b> , 10, 802-835		15
87	Simultaneous quantitation of urinary cotinine and acrylonitrile-derived mercapturic acids with ultraperformance liquid chromatography-tandem mass spectrometry. <b>2012</b> , 402, 2113-20		17
86	On-line solid-phase extraction with ultra performance liquid chromatography and tandem mass spectrometry for the detection of nicotine, cotinine and trans-3Hydroxycotinine in urine to strengthen human biomonitoring and smoking cessation studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> . <b>2013</b> , 76, 126-33	3.5	19
85	Simultaneous determination of testosterone, cortisol, and dehydroepiandrosterone in saliva by stable isotope dilution on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <b>2013</b> , 405, 331-40		44
84	"Dilute & shoot" approach for rapid determination of trace amounts of nicotine in zero-level e-liquids by reversed phase liquid chromatography and hydrophilic interactions liquid chromatography coupled with tandem mass spectrometry-electrospray ionization. <i>Journal of Chromatography A</i> , <b>2013</b> , 1289, 13-8	4.5	22
83	Urinary cotinine and breath carbon monoxide levels among bar and restaurant employees in ankara. <b>2013</b> , 15, 1446-52		5
82	Potential of capillary electrophoresis (CE) and chip-CE with dual detection (capacitively-coupled contactless conductivity detection (C4D) and fluorescence detection) for monitoring of nicotine and cotinine derivatization. <b>2013</b> , 29, 339-44		11
81	High-throughput determination of nicotine in plasma by ultrasonication enhanced hollow fiber liquid-phase microextraction prior to gas chromatography. <b>2014</b> , 52, 553-8		7
80	Simultaneous determination of cotinine and trans-3-hydroxycotinine in urine by automated solid-phase extraction using gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 453-8	1.7	7
79	The current role of on-line extraction approaches in clinical and forensic toxicology. <i>Bioanalysis</i> , <b>2014</b> , 6, 2261-74	2.1	9
78	Enhanced nicotine metabolism in HIV-1-positive smokers compared with HIV-negative smokers: simultaneous determination of nicotine and its four metabolites in their plasma using a simple and sensitive electrospray ionization liquid chromatography-tandem mass spectrometry technique. <b>2014</b> , 42, 282-93		36
77	Development of exposure assessment method based on the analysis of urinary heterocyclic amines as biomarkers by on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <b>2014</b> , 406, 2171-8		18
76	Simple, fast and sensitive LC-MS/MS analysis for the simultaneous quantification of nicotine and 10 of its major metabolites. <b>2014</b> , 951-952, 7-15		47
75	Selective capillary coating materials for in-tube solid-phase microextraction coupled to liquid chromatography to determine drugs and biomarkers in biological samples: a review. <b>2014</b> , 826, 1-11		64

74	Electrochemical Behavior of Nicotine at Unmodified Carbon Paste Electrode and Its Determination in a Set of Refilling Liquids for Electronic Cigarettes. <b>2014</b> , 26, 2655-2663		18
73	Preconcentration by solid-phase microextraction. <i>Journal of Analytical Chemistry</i> , <b>2014</b> , 69, 715-727	1.1	17
72	Graphene oxide-based dispersive micro-solid phase extraction for separation and preconcentration of nicotine from biological and environmental water samples followed by gas chromatography-flame ionization detection. <b>2014</b> , 130, 71-7		68
71	Improved dispersive liquid-liquid microextraction based on the solidification of floating organic droplet method with a binary mixed solvent applied for determination of nicotine and cotinine in urine. <i>Analytical Methods</i> , <b>2014</b> , 6, 2384	3.2	22
70	High-performance liquid chromatography with diode-array detection cotinine method adapted for the assessment of tobacco smoke exposure. <b>2014</b> , 37, 1404-10		4
69	Solid-Phase Microextraction and its Application to Natural Products. <b>2014</b> , 1-23		1
68	Nicotine and metabolites determination in human plasma by ultra performance liquid chromatography-tandem mass spectrometry: a simple approach for solving contamination problem and clinical application. <b>2015</b> , 29, 499-509		6
67	Automated Analysis of Oxytocin by On-Line in-Tube Solid-Phase Microextraction Coupled with Liquid Chromatography-Tandem Mass Spectrometry. <b>2015</b> , 2, 382-391		9
66	Untangling interactions of a zinc(II) complex containing a coumarin-porphyrin unit with alkaloids in water solutions: a photophysical study. <b>2015</b> , 14, 757-64		8
65	Recent advances of in-tube solid-phase microextraction. <b>2015</b> , 71, 205-213		100
64	Online capillary solid-phase microextraction coupled liquid chromatography-mass spectrometry for analysis of chiral secondary alcohol products in yeast catalyzed stereoselective reduction cell culture. <i>Journal of Chromatography A</i> , <b>2015</b> , 1380, 1-10	4.5	1
63	A critical review of the state of the art of solid-phase microextraction of complex matrices III. Bioanalytical and clinical applications. <b>2015</b> , 71, 249-264		173
62	Analysis of urinary 8-isoprostane as an oxidative stress biomarker by stable isotope dilution using automated online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 112, 36-42	3.5	24
61	Synthesis and characterization of a magnetic molecularly imprinted polymer for the selective extraction of nicotine and cotinine from urine samples followed by GC-MS analysis. <i>Analytical Methods</i> , <b>2015</b> , 7, 9237-9244	3.2	13
60	Alkaloids?. <b>2015</b> ,		1
59	High-throughput wide dynamic range procedure for the simultaneous quantification of nicotine and cotinine in multiple biological matrices using hydrophilic interaction liquid chromatography-tandem mass spectrometry. <b>2015</b> , 407, 8463-73		24
58	SPME techniques for biomedical analysis. <i>Bioanalysis</i> , <b>2015</b> , 7, 2135-44	2.1	22
57	Application of molecularly-imprinted polymers in solid-phase microextraction techniques. <b>2015</b> , 73, 81-90		119

56	Saliva as a matrix for human biomonitoring in occupational and environmental medicine. <b>2015</b> , 88, 1-44		45
55	The chemical components of electronic cigarette cartridges and refill fluids: review of analytical methods. <b>2015</b> , 17, 271-9		47
54	Headspace solid phase microextraction of nicotine using thin layer chromatography plates modified with carbon dots. <b>2015</b> , 182, 209-216		12
53	Emerging salivary biomarkers by mass spectrometry. <b>2015</b> , 438, 214-21		39
52	Speichel als Matrix für das Humanbiomonitoring in der Arbeits- und Umweltmedizin [Biomonitoring Methods in German Language, 2015]. <b>2016</b> , 1, 2818-2895		
51	Direct screening of tobacco indicators in urine and saliva by Atmospheric Pressure Solid Analysis Probe coupled to quadrupole-time of flight mass spectrometry (ASAP-MS-Q-TOF-). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 124, 149-156	3.5	23
50	Optimization of a Differential Ion Mobility Spectrometry-Tandem Mass Spectrometry Method for High-Throughput Analysis of Nicotine and Related Compounds: Application to Electronic Cigarette Refill Liquids. <b>2016</b> , 88, 6500-8		19
49	Development of a Biocompatible In-Tube Solid-Phase Microextraction Device: A Sensitive Approach for Direct Analysis of Single Drops of Complex Matrixes. <b>2016</b> , 88, 12188-12195		29
48	Electrochemical behavior of the cotinine at a boron-doped diamond electrode and its determination in saliva by multiple-pulse amperometry in an FIA system. <b>2016</b> , 222, 331-337		17
47	Saliva as a matrix for human biomonitoring in occupational and environmental medicine [Biomonitoring Methods, 2015]. <b>2016</b> , 1, 1399-1479		2
46	Strengths and weaknesses of in-tube solid-phase microextraction: A scoping review. <b>2016</b> , 906, 41-57		82
45	Determination of salivary cotinine through solid phase extraction using a bead-injection lab-on-valve approach hyphenated to hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , <b>2016</b> , 1429, 284-91	4.5	14
44	Determination of the oxidative stress biomarker urinary 8-hydroxy-2-deoxyguanosine by automated on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <b>2016</b> , 1019, 140-6		27
43	Application of solvent demulsification dispersive liquid-liquid microextraction for nicotine and cotinine measurement in human urine combined with hydrophilic interaction chromatography tandem mass spectrometry. <i>Analytical Methods</i> , <b>2017</b> , 9, 4311-4318	3.2	4
42	Trends in Online Intube Solid Phase Microextraction. <b>2017</b> , 427-461		9
41	Application of response surface methodology to vortex-assisted dispersive liquid-liquid extraction for the determination of nicotine and cotinine in urine by gas chromatography-tandem mass spectrometry. <b>2018</b> , 41, 2261-2268		9
40	Synthesis of boronate-decorated polyethyleneimine-grafted porous layer open tubular capillaries for enrichment of polyphenols in fruit juices. <i>Journal of Chromatography A</i> , <b>2018</b> , 1544, 23-32	4.5	21
39	Polyaniline/graphene oxide nanocomposite as a sorbent for extraction and determination of nicotine using headspace solid-phase microextraction and gas chromatography-flame ionization detector. <b>2018</b> , 15, 1593-1601		19

38	Innovations in graphene-based nanomaterials in the preconcentration of pharmaceuticals waste. <b>2018</b> , 7, 73-94		6
37	Solid Phase Microextraction Techniques in Determination of Biomarkers. <b>2018</b> , 48, 239-251		30
36	Analysis of nicotine and cotinine in hair by on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry as biomarkers of exposure to tobacco smoke. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 156, 272-277	3.5	30
35	A comparison study on a sulfonated graphene-polyaniline nanocomposite coated fiber for analysis of nicotine in solid samples through the traditional and vacuum-assisted HS-SPME. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 149, 271-277	3.5	18
34	Comparison of the content of tobacco alkaloids and tobacco-specific nitrosamines in heat-not-burn tobacco products before and after aerosol generation. <b>2018</b> , 30, 527-533		3
33	Recent Advances in Online Column-Switching Sample Preparation. <b>2018</b> ,		1
32	Comparison of the Conventional and Electroenhanced Direct-Immersion Solid-Phase Microextraction for Sampling of Nicotine in Biological Fluids of the Human Body. <i>Molecules</i> , <b>2018</b> , 23,	4.8	4
31	Determination of salivary cotinine as tobacco smoking biomarker. <b>2018</b> , 105, 89-97		7
30	Nicotine and tyrosine detection in blood and urine samples using taurine/reactive blue-immobilized conducting polymer composite. <b>2018</b> , 275, 284-291		7
29	Nicotine and cotinine in oral fluid: Passive exposure vs active smoking. <b>2018</b> , 12, e00104		3
28	Exploring Matrix Effects on Binding Properties and Characterization of Cotinine Molecularly Imprinted Polymer on Paper-Based Scaffold. <b>2019</b> , 11,		5
27	Salivary Cotinine Assays. <b>2019</b> , 411-418		
26	Solid-Phase Microextraction and Its Application to Natural Products and Biological Samples. <b>2019</b> , 1-28		
25	Application of the response surface methodology in the optimization of modified molecularly imprinted polymer based pipette-tip micro-solid phase extraction for spectrophotometric determination of nicotine in seawater and human plasma. <i>Analytical Methods</i> , <b>2019</b> , 11, 5405-5412	3.2	17
24	Miniaturized sample preparation methods for saliva analysis. <i>Bioanalysis</i> , <b>2019</b> , 11, 119-148	2.1	12
23	Quantification of selected aroma compounds in e-cigarette products and toxicity evaluation in HUVEC/Tert2 cells. <i>Biomedical Chromatography</i> , <b>2020</b> , 34, e4761	1.7	7
22	Bioanalytical HPLC Applications of In-Tube Solid Phase Microextraction: A Two-Decade Overview. <i>Molecules</i> , <b>2020</b> , 25,	4.8	13
21	Preparation and application of immunoaffinity in-tube solid phase microextraction column with oriented antibody-immobilized porous layer open tubular capillary for high sensitive quantification of serum extracellular domain of human epidermal growth factor receptor 2 levels. <i>Journal of Chromatography A</i> , <b>2020</b> , 1619, 460974	4.5	3

20	In-tube solid-phase microextraction: Current trends and future perspectives. <i>Journal of Chromatography A</i> , <b>2021</b> , 1636, 461787	4.5	20
19	Recent Developments in the Determination of Biomarkers of Tobacco Smoke Exposure in Biological Specimens: A Review. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	7
18	Application of Response Surface Methodology for Pipette-Tip Micro Solid-Phase Extraction of Nicotine from Cigarette, Seawater and Human Plasma by a Novel Carbon Nanotube/Zinc Oxide Nanocomposite Sorbent Following its Determination by Spectrophotometry. <i>Journal of Analytical Chemistry</i> , <b>2021</b> , 76, 563-572	1.1	3
17	Sensitive Quantification of Nicotine in Bronchoalveolar Lavage Fluid by Acetone Precipitation Combined With Isotope-Dilution Liquid Chromatography-Tandem Mass Spectrometry. <i>ACS Omega</i> , <b>2021</b> , 6, 13962-13969	3.9	3
16	Chapter 5:Advances in Solid Phase Microextraction (SPME) for Metabolomics. <i>New Developments in Mass Spectrometry</i> , <b>2021</b> , 91-124	2.3	
15	Extraction of Nicotine (3-(1-methyl-2-pyrrolidinyl) pyridine) from Tobacco Leaves Separated from Gold Live Classic Brand Cigarettes by Solvent Extraction Approach and Characterization via IR Analysis. <i>Biosciences, Biotechnology Research Asia</i> , <b>2018</b> , 15, 799-804	0.5	2
14	Recent Advances in Mass Spectrometry for the Identification of Neuro-chemicals and their Metabolites in Biofluids. <i>Current Neuropharmacology</i> , <b>2013</b> , 11, 436-64	7.6	3
13	Analysis of Matrine Alkaloids in Human Urine by Hollow Fiber Liquid-phase Microextraction with High-performance Liquid Chromatography. <i>Journal of the Korean Chemical Society</i> , <b>2010</b> , 54, 38-42		2
12	CHROMATOGRAPHY: RECENT PROGRESS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 150527103729000	1.3	
11	Alkaloids Liquid Chromatography. <b>2019</b> ,		
10	Application of HPLC-QQQ-MS/MS and New RP-HPLC-DAD System Utilizing the Chaotropic Effect for Determination of Nicotine and Its Major Metabolites Cotinine, and -3SHydroxycotinine in Human Plasma Samples.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	1
9	Review of HPLC-MS methods for the analysis of nicotine and its active metabolite cotinine in various biological matrices.. <i>Biomedical Chromatography</i> , <b>2022</b> , e5351	1.7	0
8	Optimization and validation of a procedure using the dried saliva spots approach for the determination of tobacco markers in oral fluid.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2022</b> , 212, 114648	3.5	1
7	Characterization of molecularly imprinted polymers for the extraction of tobacco alkaloids and their metabolites in human urine.. <i>Biomedical Chromatography</i> , <b>2022</b> , e5361	1.7	0
6	Risk Assessment of Passive Smoking Based on Analysis of Hair Nicotine and Cotinine as Exposure Biomarkers by In-Tube Solid-Phase Microextraction Coupled On-Line to LC-MS/MS. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
5	Influence of Selective Extraction/Isolation of Heme/Hemoglobin with Hydrophobic Imidazolium Ionic Liquids on the Precision and Accuracy of Cotinine ELISA Test. <b>2022</b> , 23, 13692		0
4	Analytical methods for biomonitoring organic chemical hazards in saliva: A systematic review. <b>2023</b> , 158, 116853		0
3	Simultaneous analysis of multiple steroidal biomarkers in saliva for objective stress assessment by on-line coupling of automated in-tube solid-phase microextraction and polarity-switching LC-MS/MS. <b>2023</b> , 7, 100177		0



- 2 Recent Developments in Solid Phase Microextraction Materials for Polar Analytes. **2023**, 334-356 ○
- 1 Applications of In-tube SPME for Bioanalysis. **2023**, 269-289 ○