Kenneth G Furton

List of Publications by Year
in descending order

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218 papers	6,642 citations	57758 44 h-index	95266 68 g-index
228 all docs	228 docs citations	228 times ranked	3821 citing authors

#	Article	IF	Citations
1	Exploiting the capsule phase microextraction features in bioanalysis: Extraction of ibuprofen from urine samples. Microchemical Journal, 2022, 172, 106934.	4.5	24
2	Exploring solâ€“gel zwitterionic fabric phase sorptive extraction sorbent as a new multi-mode platform for the extraction and preconcentration of triazine herbicides from juice samples. Food Chemistry, 2022, 373, 131517.	8.2	13
3	A fabric phase sorptive extraction method for the LC-UV determination of bisphenol A and leaching monomers from dental materials in human saliva. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1188, 123073.	2.3	11
4	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. Journal of Chromatography A, 2022, 1664, 462785.	3.7	16
5	Novel Applications of Microextraction Techniques Focused on Biological and Forensic Analyses. Separations, 2022, 9, 18.	2.4	18
6	Determination of synthetic opioids in oral fluid samples using fabric phase sorptive extraction and gas chromatography-mass spectrometry. Journal of Chromatography A, 2022, 1663, 462768.	3.7	8
7	Explosives detection by dogs. , 2022, , 47-75.		4
8	Combination of fabric phase sorptive extraction with UHPLC-ESI-MS/MS for the determination of adamantine analogues in human urine. Microchemical Journal, 2022, 176, 107250.	4.5	12
9	Fabric phase sorptive extraction combined with gas chromatography-mass spectrometry as an innovative analytical technique for the determination of selected polycyclic aromatic hydrocarbons in herbal infusions and tea samples. RSC Advances, 2022, 12, 7149-7156.	3.6	0
10	Fabric Phase Sorptive Extraction for the Determination of Anthracyclines in Sewage. Separations, 2022, 9, 69.	2.4	2
11	Measuring Odor Transport of Narcotic Substances Using DART-MS. Forensic Sciences, 2022, 2, 262-271.	1.5	0
12	The influence of intra-personal variations in human hand odor on the determination of sample donor. Forensic Science International, 2022, 334, 111235.	2.2	7
13	Expanding the applicability of magnet integrated fabric phase sorptive extraction in food analysis: Extraction of triazine herbicides from herbal infusion samples. Microchemical Journal, 2022, 179, 107524.	4.5	14
14	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. Journal of Chromatography A, 2022, 1672, 463026.	3.7	16
15	In situ synthesis of monolithic solâ€“gel polyethylene glycol-based sorbent encapsulated in porous polypropylene microextraction capsules and its application for selective extraction of antifungal and anthelmintic drugs from human urine. Microchemical Journal, 2022, 180, 107594.	4.5	9
16	Development of a capsule phase microextraction methodology for the selective determination of coumarin in foodstuff analyzed by HPLC-DAD. Advances in Sample Preparation, 2022, 3, 100026.	3.0	5
17	Development of sol-gel silica-based mixed-mode zwitterionic sorbents for determining drugs in environmental water samples. Journal of Chromatography A, 2022, 1676, 463237.	3.7	3
18	An automatic on-line sol-gel pyridylethylthiopropyl functionalized silica-based sorbent extraction system coupled to flame atomic absorption spectrometry for lead and copper determination in beer samples. Food Chemistry, 2022, 394, 133548.	8.2	8

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19	A monolithic capsule phase microextraction method combined with HPLC-DAD for the monitoring of benzoyl urea insecticides in apple juice samples. Microchemical Journal, 2022, 181, 107768.	4.5	2
20	Determination of Polycyclic Aromatic Hydrocarbons in Nutritional Supplements by Fabric Phase Sorptive Extraction (FPSE) with High-Performance Liquid Chromatography (HPLC) with Fluorescence Detection. Analytical Letters, 2021, 54, 1683-1696.	1.8	15
21	Bisphenol A migration to alcoholic and non-alcoholic beverages â€“ An improved molecular imprinted solid phase extraction method prior to detection with HPLC-DAD. Microchemical Journal, 2021, 162, 105846.	4.5	18
22	An improved fabricâ€phase sorptive extraction protocol for the determination of seven parabens in human urine by HPLCâ€“DAD. Biomedical Chromatography, 2021, 35, e4974.	1.7	24
23	Applications of gas chromatography in forensic science. , 2021, , 745-791.		5
24	Controlled Odor Mimic Permeation Systems for Olfactory Training and Field Testing. Journal of Visualized Experiments, 2021, , .	0.3	1
25	Development of sol-gel phenyl/methyl/poly (dimethylsiloxane) sorbent coating for fabric phase sorptive extraction and its application in monitoring human exposure to selected polycyclic aromatic hydrocarbons using high performance liquid chromatography-fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1163, 122520.	2.3	11
26	A green molecular imprinted solidâ€phase extraction protocol for bisphenol A monitoring with HPLCâ€UV to guarantee the quality and safety of walnuts under different storage conditions. Journal of Separation Science, 2021, 44, 1633-1640.	2.5	13
27	Preliminary accuracy of COVID-19 odor detection by canines and HS-SPME-GC-MS using exhaled breath samples. Forensic Science International (Online), 2021, 3, 100155.	1.3	22
28	Fabric Phase Sorptive Extraction of Selected Steroid Hormone Residues in Commercial Raw Milk Followed by Ultra-High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Foods, 2021, 10, 343.	4.3	4
29	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. Molecules, 2021, 26, 1526.	3.8	13
30	Fast fabric phase sorptive extraction of selected Î²-blockers from human serum and urine followed by UHPLC-ESI-MS/MS analysis. Journal of Pharmaceutical and Biomedical Analysis, 2021, 199, 114053.	2.8	21
31	Fabric phase sorptive extraction combined with high-performance liquid chromatography-photodiode array detection for the determination of tazarotene in gel dosage forms. Journal of Pharmaceutical and Biomedical Analysis, 2021, 200, 114075.	2.8	2
32	Identification of volatile components in the headspace of pharmaceutical-grade fentanyl. Forensic Chemistry, 2021, 24, 100331.	2.8	9
33	Automated Solid Phase Extraction of Cd(II), Co(II), Cu(II) and Pb(II) Coupled with Flame Atomic Absorption Spectrometry Utilizing a New Sol-Gel Functionalized Silica Sorbent. Separations, 2021, 8, 100.	2.4	14
34	Multi-Element Analysis Based on an Automated On-Line Microcolumn Separation/Preconcentration System Using a Novel Sol-Gel Thiocyanatopropyl-Functionalized Silica Sorbent Prior to ICP-AES for Environmental Water Samples. Molecules, 2021, 26, 4461.	3.8	7
35	Capsule phase microextraction of selected polycyclic aromatic hydrocarbons from water samples prior to their determination by gas chromatography-mass spectrometry. Microchemical Journal, 2021, 166, 106210.	4.5	14
36	Fan-based device for integrated air sampling and microextraction. Talanta, 2021, 230, 122290.	5.5	5

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37	Magnet integrated fabric phase sorptive extraction of selected endocrine disrupting chemicals from human urine followed by high-performance liquid chromatography â€“ photodiode array analysis. Journal of Chromatography A, 2021, 1654, 462459.	3.7	20
38	Designing a moderately hydrophobic sol-gel monolithic Carbowax 20ÂM sorbent for the capsule phase microextraction of triazine herbicides from water samples prior to HPLC analysis. Talanta, 2021, 234, 122710.	5.5	30
39	Fabric-Phase Sorptive Membrane Array As a Noninvasive In Vivo Sampling Device For Human Exposure To Different Compounds. Analytical Chemistry, 2021, 93, 1957-1961.	6.5	46
40	A Novel Glass Fiber Coated with Solâ€“Gel Poly-Diphenylsiloxane Sorbent for the On-Line Determination of Toxic Metals Using Flow Injection Column Preconcentration Platform Coupled with Flame Atomic Absorption Spectrometry. Molecules, 2021, 26, 9.	3.8	8
41	Development of an analytical methodology based on fabric phase sorptive extraction followed by gas chromatography-tandem mass spectrometry to determine UV filters in environmental and recreational waters. Analytica Chimica Acta: X, 2020, 4, 100038.	1.0	9
42	Fabric phase sorptive extraction. , 2020, , 355-386.		6
43	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. Journal of Chromatography A, 2020, 1630, 461530.	3.7	37
44	Mixed-mode fabric phase sorptive extraction of multiple tetracycline residues from milk samples prior to high performance liquid chromatography-ultraviolet analysis. Microchemical Journal, 2020, 159, 105437.	4.5	32
45	Synthesis and application of molecularly imprinted polymers using solâ€“gel matrix imprinting technology for the efficient solid-phase extraction of BPA from water. Microchemical Journal, 2020, 157, 104965.	4.5	33
46	Generalization and Discrimination of Molecularly Similar Odorants in Detection Canines and the Influence of Training. Behavioural Processes, 2020, 177, 104148.	1.1	17
47	Selective monitoring of acidic and basic compounds in environmental water by capsule phase microextraction using sol-gel mixed-mode sorbents followed by liquid chromatography-mass spectrometry in tandem. Journal of Chromatography A, 2020, 1625, 461295.	3.7	19
48	Fabric phase sorptive extraction for the determination of 17 multiclass fungicides in environmental water by gas chromatographyâ€tandem mass spectrometry. Journal of Separation Science, 2020, 43, 1817-1829.	2.5	14
49	Trace determination of parabens in cosmetics and personal care products using fabricâ€phase sorptive extraction and highâ€performance liquid chromatography with UV detection. Journal of Separation Science, 2020, 43, 2626-2635.	2.5	25
50	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1125, 121720.	2.3	41
51	A Randomized Cross-Over Trial Comparing the Effect of Intramuscular Versus Intranasal Naloxone Reversal of Intravenous Fentanyl on Odor Detection in Working Dogs. Animals, 2019, 9, 385.	2.3	11
52	FPSE-HPLC-PDA analysis of seven paraben residues in human whole blood, plasma, and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1125, 121707.	2.3	57
53	Comparison of dried matrix spots and fabric phase sorptive extraction methods for quantification of highly potent analgesic activity agent (2R,4aR,7R,8aR)-4,7-dimethyl-2-(thiophen-2-yl)octahydro-2H-chromen-4-ol in rat whole blood and plasma using LCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1132, 121813.	2.3	3
54	Multiplicity of human scent signature. Egyptian Journal of Forensic Sciences, 2019, 9, .	1.0	7

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55	Novel capsule phase microextraction in combination with high performance liquid chromatography with diode array detection for rapid monitoring of sulfonamide drugs in milk. Journal of Separation Science, 2019, 42, 1440-1450.	2.5	31
56	Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. Molecules, 2019, 24, 382.	3.8	16
57	Determination of adhesive acrylates in recycled polyethylene terephthalate by fabric phase sorptive extraction coupled to ultra performance liquid chromatography - mass spectrometry. Journal of Chromatography A, 2019, 1602, 56-63.	3.7	16
58	The impact of alcohol intoxication on witness suggestibility immediately and after a delay. Applied Cognitive Psychology, 2019, 33, 358-369.	1.6	16
59	Fabric phase sorptive extraction for simultaneous observation of four penicillin antibiotics from human blood serum prior to high performance liquid chromatography and photo-diode array detection. Microchemical Journal, 2019, 149, 103964.	4.5	29
60	Fabric phase sorptive extraction/GCâ€MS method for rapid determination of broad polarity spectrum multiâ€class emerging pollutants in various aqueous samples. Journal of Separation Science, 2019, 42, 2407-2417.	2.5	17
61	A Method for Controlled Odor Delivery in Olfactory Field-Testing. Chemical Senses, 2019, 44, 399-408.	2.0	12
62	An FPSE-HPLC-PDA method for rapid determination of solar UV filters in human whole blood, plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1118-1119, 40-50.	2.3	55
63	Fabric phase sorptive extraction for the isolation of five common antidepressants from human urine prior to HPLC-DAD analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1118-1119, 171-179.	2.3	43
64	Rapid Monitoring of Organochlorine Pesticide Residues in Various Fruit Juices and Water Samples Using Fabric Phase Sorptive Extraction and Gas Chromatography-Mass Spectrometry. Molecules, 2019, 24, 1013.	3.8	26
65	The Ability of Narcotic Detection Canines to Detect Illegal Synthetic Cathinones (Bath Salts). Frontiers in Veterinary Science, 2019, 6, 98.	2.2	7
66	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. Molecules, 2019, 24, 3334.	3.8	18
67	Application of a fabric phase sorptive extraction-high performance liquid chromatography-photodiode array detection method for the trace determination of methyl paraben, propyl paraben and butyl paraben in cosmetic and environmental samples. Analytical Methods, 2019, 11, 6136-6145.	2.7	31
68	Simultaneous determination of selected estrogenic endocrine disrupting chemicals and bisphenol A residues in whole milk using fabric phase sorptive extraction coupled to HPLCâ€UV detection and LCâ€MS/MS. Journal of Separation Science, 2019, 42, 598-608.	2.5	44
69	Application of fabric phase sorptive extraction with gas chromatography and mass spectrometry for the determination of organophosphorus pesticides in selected vegetable samples. Journal of Separation Science, 2019, 42, 862-870.	2.5	34
70	Innovative Configurations of Sample Preparation Techniques Applied in Bioanalytical Chemistry: A Review. Current Analytical Chemistry, 2019, 15, 731-744.	1.2	24
71	Forensic Sampling and Sample Preparation. RSC Detection Science, 2019, , 7-35.	0.0	0
72	Novel capsule phase microextraction in combination with liquid chromatography-tandem mass spectrometry for determining personal care products in environmental water. Analytical and Bioanalytical Chemistry, 2018, 410, 2991-3001.	3.7	20

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73	Direct Rapid Determination of Trace Aluminum in Various Water Samples with Quercetin by Reverse Phase High-Performance Liquid Chromatography Based on Fabric Phase Sorptive Extraction Technique. Journal of Chromatographic Science, 2018, 56, 452-460.	1.4	10
74	Fabric phase sorptive extraction-high performance liquid chromatography-photo diode array detection method for simultaneous monitoring of three inflammatory bowel disease treatment drugs in whole blood, plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1084, 53-63.	2.3	55
75	The Equine Volatilome: Volatile Organic Compounds as Discriminatory Markers. Journal of Equine Veterinary Science, 2018, 62, 47-53.	0.9	10
76	Fabric fiber sorbent extraction for on-line toxic metal determination by atomic absorption spectrometry: Determination of lead and cadmium in energy and soft drinks. Microchemical Journal, 2018, 137, 285-291.	4.5	35
77	Oneâ€pot synthesis of a multiâ€template molecularly imprinted polymer for the extraction of six sulfonamide residues from milk before highâ€performance liquid chromatography with diode array detection. Journal of Separation Science, 2018, 41, 723-731.	2.5	36
78	Birds and Dogs: Toward a Comparative Perspective on Odor Use and Detection. Frontiers in Veterinary Science, 2018, 5, 188.	2.2	4
79	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. Separations, 2018, 5, 34.	2.4	13
80	Fabric Phase Sorptive Extraction: Current State of the Art and Future Perspectives. Separations, 2018, 5, 40.	2.4	42
81	FPSE-HPLC-DAD method for the quantification of anticancer drugs in human whole blood, plasma, and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 204-213.	2.3	65
82	Agri-dogs: Using Canines for Earlier Detection of Laurel Wilt Disease Affecting Avocado Trees in South Florida. HortTechnology, 2018, 28, 109-116.	0.9	14
83	An Evaluation of Scent-discriminating Canines for Rapid Response to Agricultural Diseases. HortTechnology, 2018, 28, 102-108.	0.9	11
84	Chemotyping the temporal volatile organic compounds of an invasive fungus to the United States, Raffaelea lauricola. Journal of Chromatography A, 2017, 1487, 72-76.	3.7	8
85	Integrated sampling and analysis unit for the determination of sexual pheromones in environmental air using fabric phase sorptive extraction and headspace-gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2017, 1488, 17-25.	3.7	27
86	Solâ€“gelâ€grapheneâ€based fabricâ€phase sorptive extraction for cow and human breast milk sample cleanup for screening bisphenol A and residual dental restorative material before analysis by HPLC with diode array detection. Journal of Separation Science, 2017, 40, 2612-2619.	2.5	21
87	Chemical and canine analysis as complimentary techniques for the identification of active odors of the invasive fungus, Raffaelea lauricola. Talanta, 2017, 168, 320-328.	5.5	7
88	Fabric phase sorptive extraction of selected penicillin antibiotic residues from intact milk followed by high performance liquid chromatography with diode array detection. Food Chemistry, 2017, 224, 131-138.	8.2	52
89	Alcohol Intoxication and Metamemory: Little Evidence that Moderate Intoxication Impairs Metacognitive Monitoring Processes. Applied Cognitive Psychology, 2017, 31, 573-585.	1.6	12
90	Kinetic, product, and computational studies of the ultrasonic induced degradation of 4-methylcyclohexanemethanol (MCHM). Water Research, 2017, 126, 164-171.	11.3	19

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91	Optimization and application of fabric phase sorptive extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry for the determination of cytostatic drug residues in environmental waters. Journal of Chromatography A, 2017, 1529, 39-49.	3.7	23
92	A fabric phase sorptive extraction-High performance liquid chromatography-Photo diode array detection method for the determination of twelve azole antimicrobial drug residues in human plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1040, 192-198.	2.3	69
93	Determination of VOC marker combinations for the classification of individuals by gender and race/ethnicity. Forensic Science International, 2017, 270, 193-199.	2.2	16
94	Determination of cobalt(II), nickel(II) and palladium(II) Ions via fabric phase sorptive extraction in combination with high-performance liquid chromatography-UV detection. Separation Science and Technology, 2017, 52, 81-90.	2.5	21
95	Fabric Phase Sorptive Extraction Explained. Separations, 2017, 4, 21.	2.4	95
96	A Novel Protocol to Monitor Trace Levels of Selected Polycyclic Aromatic Hydrocarbons in Environmental Water Using Fabric Phase Sorptive Extraction Followed by High Performance Liquid Chromatography-Fluorescence Detection. Separations, 2017, 4, 22.	2.4	27
97	Witness memory and alcohol: The effects of state-dependent recall.. Law and Human Behavior, 2017, 41, 202-215.	0.7	37
98	Simplifying sample preparation using fabric phase sorptive extraction technique for the determination of benzodiazepines in blood serum by highâ€performance liquid chromatography. Biomedical Chromatography, 2016, 30, 829-836.	1.7	53
99	Rapid monitoring of residual UV-stabilizers in seawater samples from beaches using fabric phase sorptive extraction and UHPLC-MS/MS. Chemosphere, 2016, 164, 201-207.	8.2	50
100	An investigation into the concurrent collection of human scent and epithelial skin cells using a non-contact sampling device. Forensic Science International, 2016, 266, 148-159.	2.2	13
101	Dynamic fabric phase sorptive extraction for a group of pharmaceuticals and personal care products from environmental waters. Journal of Chromatography A, 2016, 1456, 19-26.	3.7	44
102	Matrix molecularly imprinted mesoporous solâ€“gel sorbent for efficient solid-phase extraction of chloramphenicol from milk. Analytica Chimica Acta, 2016, 914, 62-74.	5.4	66
103	Determination of androgens and progestogens in environmental and biological samples using fabric phase sorptive extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2016, 1437, 116-126.	3.7	58
104	Fabric phase sorptive extraction for the fast isolation of sulfonamides residues from raw milk followed by high performance liquid chromatography with ultraviolet detection. Food Chemistry, 2016, 196, 428-436.	8.2	91
105	Development of a fabric phase sorptive extraction with highâ€performance liquid chromatography and ultraviolet detection method for the analysis of alkyl phenols in environmental samples. Journal of Separation Science, 2015, 38, 3228-3238.	2.5	32
106	Fabric phase sorptive extraction followed by UHPLC-MS/MS for the analysis of benzotriazole UV stabilizers in sewage samples. Analytical and Bioanalytical Chemistry, 2015, 407, 8137-8150.	3.7	57
107	Fabric phase sorptive extraction: A new sorptive microextraction technique for the determination of non-steroidal anti-inflammatory drugs from environmental water samples. Analytica Chimica Acta, 2015, 865, 22-30.	5.4	82
108	On the importance of training aids and the definition of an explosive odor signature: Commentary on Kranz et al.. Forensic Science International, 2015, 251, e18-e19.	2.2	3

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109	Advances in the use of odour as forensic evidence through optimizing and standardizing instruments and canines. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140262.	4.0	39
110	An assessment of detection canine alerts using flowers that release methyl benzoate, the cocaine odorant, and an evaluation of their behavior in terms of the VOCs produced. Forensic Science International, 2015, 251, 107-114.	2.2	15
111	Comparative study of different fabric phase sorptive extraction sorbents to determine emerging contaminants from environmental water using liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2015, 144, 1342-1351.	5.5	46
112	African elephants (Loxodonta africana) can detect TNT using olfaction: Implications for biosensor application. Applied Animal Behaviour Science, 2015, 171, 177-183.	1.9	32
113	Fast extraction of amphenicols residues from raw milk using novel fabric phase sorptive extraction followed by high-performance liquid chromatography-diode array detection. Analytica Chimica Acta, 2015, 855, 41-50.	5.4	88
114	Stir fabric phase sorptive extraction for the determination of triazine herbicides in environmental waters by liquid chromatography. Journal of Chromatography A, 2015, 1376, 35-45.	3.7	81
115	Odor Biometrics. , 2015, , 1178-1183.		2
116	Efficient analysis of selected estrogens using fabric phase sorptive extraction and high performance liquid chromatography-fluorescence detection. Journal of Chromatography A, 2014, 1359, 16-25.	3.7	135
117	Comparison of the Volatile Organic Compounds from Different Biological Specimens for Profiling Potential*. Journal of Forensic Sciences, 2013, 58, 29-39.	1.6	64
118	Applicability of emanating volatile organic compounds from various forensic specimens for individual differentiation. Forensic Science International, 2013, 226, 173-182.	2.2	37
119	Innovations in sol-gel microextraction phases for solvent-free sample preparation in analytical chemistry. TrAC - Trends in Analytical Chemistry, 2013, 45, 197-218.	11.4	161
120	Recent advances in micro-sample preparation with forensic applications. TrAC - Trends in Analytical Chemistry, 2013, 45, 264-279.	11.4	36
121	Applications of Gas Chromatography in Forensic Science. , 2012, , 563-604.		1
122	Creation of training aids for human remains detection canines utilizing a non-contact, dynamic airflow volatile concentration technique. Forensic Science International, 2012, 217, 32-38.	2.2	38
123	The Evaluation of Human Hand Odor Volatiles on Various Textiles: A Comparison Between Contact and Noncontact Sampling Methods*,â€. Journal of Forensic Sciences, 2011, 56, 866-881.	1.6	69
124	Availability of Target Odor Compounds from Seized Ecstasy Tablets for Canine Detection* ,â€. Journal of Forensic Sciences, 2011, 56, 1594-1600.	1.6	9
125	Development of headspace SPME method for analysis of volatile organic compounds present in human biological specimens. Analytical and Bioanalytical Chemistry, 2011, 400, 1817-1826.	3.7	72
126	Collection and identification of human remains volatiles by non-contact, dynamic airflow sampling and SPME-GC/MS using various sorbent materials. Analytical and Bioanalytical Chemistry, 2011, 401, 1295-1307.	3.7	81

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127	Evaluation of selected sorbent materials for the collection of volatile organic compounds related to human scent using non-contact sampling mode. Forensic Science International, 2011, 209, 133-142.	2.2	36
128	Detection of piperonal emitted from polymer controlled odor mimic permeation systems utilizing Canis familiaris and solid phase microextractionâ€“ion mobility spectrometry. Forensic Science International, 2010, 195, 132-138.	2.2	29
129	Canine human scent identifications with post-blast debris collected from improvised explosive devices. Forensic Science International, 2010, 199, 103-108.	2.2	49
130	The Differentiation of the Volatile Organic Signatures of Individuals Through SPMEâ€GC/MS of Characteristic Human Scent Compounds. Journal of Forensic Sciences, 2010, 55, 50-57.	1.6	82
131	Evaluating the Relationship Between Postmortem and Antemortem Morphine and Codeine Concentrations in Whole Blood. Journal of Analytical Toxicology, 2010, 34, 491-497.	2.8	25
132	Comparison of extraction methods for the removal of volatile organic compounds (VOCs) present in sorbents used for human scent evidence collection. Analytical Methods, 2010, 2, 470.	2.7	32
133	Comparison between Human Scent Compounds Collected on Cotton and Cotton Blend Materials for SPME-GC/MS Analysis. Journal of Forensics Research, 2010, 01, .	0.1	12
134	The Stability of Collected Human Scent Under Various Environmental Conditions*^{,â€}. Journal of Forensic Sciences, 2009, 54, 1270-1277.	1.6	37
135	Odor Biometrics. , 2009, , 1009-1014.		3
136	Selectivity. , 2009, , .		0
137	Biological Detection of Explosives. , 2007, , 395-431.		18
138	Differentiation of Toxic Molds via Headspace SPME-GC/MS and Canine Detection. Sensors, 2007, 7, 1496-1508.	3.8	16
139	The frequency of occurrence and discriminatory power of compounds found in human scent across a population determined by SPME-GC/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 846, 86-97.	2.3	102
140	On the Definition and Measurement of Human Scent: Response by Curran et al.. Journal of Chemical Ecology, 2006, 32, 1617-1623.	1.8	14
141	Evaluation of field sampling techniques including electronic noses and a dynamic headspace sampler for use in fire investigations. Sensors and Actuators B: Chemical, 2006, 116, 121-129.	7.8	20
142	Human scent as a biometric measurement. , 2005, 5779, 398.		2
143	Discrimination of smokeless powders by headspace SPME-GC-MS and SPME-GC-ECD, and the potential implications upon training canine detection of explosives. , 2005, 5778, 638.		8
144	Solid phase microextraction ion mobility spectrometer interface for explosive and taggant detection. Journal of Separation Science, 2005, 28, 177-183.	2.5	103

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145	Comparison of the Volatile Organic Compounds Present in Human Odor Using Spme-GC/MS. Journal of Chemical Ecology, 2005, 31, 1607-1619.	1.8	235
146	Application of a SPME-IMS detection system for explosives detection. , 2005, , .		6
147	Gas chromatography positive chemical ionization and tandem mass spectrometry for the analysis of organic high explosives. Talanta, 2005, 67, 430-436.	5.5	49
148	Identification of dominant odor chemicals emanating from explosives for use in developing optimal training aid combinations and mimics for canine detection. Talanta, 2005, 67, 313-327.	5.5	169
149	Characterization of background and pyrolysis products that may interfere with the forensic analysis of fire debris. Journal of Analytical and Applied Pyrolysis, 2004, 71, 51-67.	5.5	86
150	Detection of Ignitable Liquid Residues in Fire Scenes. Forensic Science Techniques, 2004, , .	0.0	1
151	Trends in forensic science education: expansion and increased accountability. Analytical and Bioanalytical Chemistry, 2003, 376, 1156-1159.	3.7	19
152	Laboratory and field experiments used to identify Canis lupus var. familiaris active odor signature chemicals from drugs, explosives, and humans. Analytical and Bioanalytical Chemistry, 2003, 376, 1212-1224.	3.7	177
153	Optimization of biological and instrumental detection of explosives and ignitable liquid residues including canines, SPME/ITMS and GC/MSn. , 2003, 5071, 183.		5
154	Trace elemental analysis of glass and paint samples of forensic interest by ICP-MS using laser ablation solid sample introduction. , 2003, 5071, 193.		5
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