

# Kenneth G Furton

## List of Publications by Year in descending order

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218  
papers

6,642  
citations

57631

44  
h-index

95083

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. <i>Microchemical Journal</i> , 2022, 172, 106934.	2.3	24
2	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. <i>Food Chemistry</i> , 2022, 373, 131517.	4.2	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1188, 123073.	1.2	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. <i>Journal of Chromatography A</i> , 2022, 1664, 462785.	1.8	16
5	Novel Applications of Microextraction Techniques Focused on Biological and Forensic Analyses. <i>Separations</i> , 2022, 9, 18.	1.1	18
6	Determination of synthetic opioids in oral fluid samples using fabric phase sorptive extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1663, 462768.	1.8	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 adamantane analogues in human urine. <i>Microchemical Journal</i> , 2022, 176, 107250.	2.3	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. <i>RSC Advances</i> , 2022, 12, 7149-7156.	1.7	0
10	Fabric Phase Sorptive Extraction for the Determination of Anthracyclines in Sewage. <i>Separations</i> , 2022, 9, 69.	1.1	2
11	Measuring Odor Transport of Narcotic Substances Using DART-MS. <i>Forensic Sciences</i> , 2022, 2, 262-271.	0.8	0
12	The influence of intra-personal variations in human hand odor on the determination of sample donor. <i>Forensic Science International</i> , 2022, 334, 111235.	1.3	7
13	Expanding the applicability of magnet integrated fabric phase sorptive extraction in food analysis: Extraction of triazine herbicides from herbal infusion samples. <i>Microchemical Journal</i> , 2022, 179, 107524.	2.3	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. <i>Journal of Chromatography A</i> , 2022, 1672, 463026.	1.8	16
15	In situ synthesis of monolithic sol-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. <i>Microchemical Journal</i> , 2022, 180, 107594.	2.3	9
16	Development of a capsule phase microextraction methodology for the selective determination of coumarin in foodstuff analyzed by HPLC-DAD. <i>Advances in Sample Preparation</i> , 2022, 3, 100026.	1.1	5
17	Development of sol-gel silica-based mixed-mode zwitterionic sorbents for determining drugs in environmental water samples. <i>Journal of Chromatography A</i> , 2022, 1676, 463237.	1.8	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. <i>Food Chemistry</i> , 2022, 394, 133548.	4.2	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. <i>Microchemical Journal</i> , 2022, 181, 107768.	2.3	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. <i>Analytical Letters</i> , 2021, 54, 1683-1696.	1.0	15
21	Bisphenol A migration to alcoholic and non-alcoholic beverages – An improved molecular imprinted solid phase extraction method prior to detection with HPLC-DAD. <i>Microchemical Journal</i> , 2021, 162, 105846.	2.3	18
22	An improved fabric-phase sorptive extraction protocol for the determination of seven parabens in human urine by HPLC-DAD. <i>Biomedical Chromatography</i> , 2021, 35, e4974.	0.8	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. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1163, 122520.	1.2	11
26	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. <i>Journal of Separation Science</i> , 2021, 44, 1633-1640.	1.3	13
27	Preliminary accuracy of COVID-19 odor detection by canines and HS-SPME-GC-MS using exhaled breath samples. <i>Forensic Science International (Online)</i> , 2021, 3, 100155.	0.6	22
28	Fabric Phase Sorptive Extraction of Selected Steroid Hormone Residues in Commercial Raw Milk Followed by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Foods</i> , 2021, 10, 343.	1.9	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. <i>Molecules</i> , 2021, 26, 1526.	1.7	13
30	Fast fabric phase sorptive extraction of selected $\beta$ -blockers from human serum and urine followed by UHPLC-ESI-MS/MS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114053.	1.4	21
31	Fabric phase sorptive extraction combined with high-performance liquid chromatography-photodiode array detection for the determination of tazarotene in gel dosage forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 200, 114075.	1.4	2
32	Identification of volatile components in the headspace of pharmaceutical-grade fentanyl. <i>Forensic Chemistry</i> , 2021, 24, 100331.	1.7	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. <i>Separations</i> , 2021, 8, 100.	1.1	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. <i>Molecules</i> , 2021, 26, 4461.	1.7	7
35	Capsule phase microextraction of selected polycyclic aromatic hydrocarbons from water samples prior to their determination by gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2021, 166, 106210.	2.3	14
36	Fan-based device for integrated air sampling and microextraction. <i>Talanta</i> , 2021, 230, 122290.	2.9	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 – photodiode array analysis. <i>Journal of Chromatography A</i> , 2021, 1654, 462459.	1.8	20
38	Designing a moderately hydrophobic sol-gel monolithic Carbowax 20 sorbent for the capsule phase microextraction of triazine herbicides from water samples prior to HPLC analysis. <i>Talanta</i> , 2021, 234, 122710.	2.9	30
39	Fabric-Phase Sorptive Membrane Array As a Noninvasive <i>In Vivo</i> Sampling Device For Human Exposure To Different Compounds. <i>Analytical Chemistry</i> , 2021, 93, 1957-1961.	3.2	46
40	A Novel Glass Fiber Coated with Sol-Gel Poly-Diphenylsiloxane Sorbent for the On-Line Determination of Toxic Metals Using Flow Injection Column Preconcentration Platform Coupled with Flame Atomic Absorption Spectrometry. <i>Molecules</i> , 2021, 26, 9.	1.7	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. <i>Analytica Chimica Acta: X</i> , 2020, 4, 100038.	2.8	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. <i>Journal of Chromatography A</i> , 2020, 1630, 461530.	1.8	37
44	Mixed-mode fabric phase sorptive extraction of multiple tetracycline residues from milk samples prior to high performance liquid chromatography-ultraviolet analysis. <i>Microchemical Journal</i> , 2020, 159, 105437.	2.3	32
45	Synthesis and application of molecularly imprinted polymers using sol-gel matrix imprinting technology for the efficient solid-phase extraction of BPA from water. <i>Microchemical Journal</i> , 2020, 157, 104965.	2.3	33
46	Generalization and Discrimination of Molecularly Similar Odorants in Detection Canines and the Influence of Training. <i>Behavioural Processes</i> , 2020, 177, 104148.	0.5	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. <i>Journal of Chromatography A</i> , 2020, 1625, 461295.	1.8	19
48	Fabric phase sorptive extraction for the determination of 17 multiclass fungicides in environmental water by gas chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 1817-1829.	1.3	14
49	Trace determination of parabens in cosmetics and personal care products using fabric-phase sorptive extraction and high-performance liquid chromatography with UV detection. <i>Journal of Separation Science</i> , 2020, 43, 2626-2635.	1.3	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121720.	1.2	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. <i>Animals</i> , 2019, 9, 385.	1.0	11
52	FPSE-HPLC-PDA analysis of seven paraben residues in human whole blood, plasma, and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121707.	1.2	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 LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1132, 121813.	1.2	3
54	Multiplicity of human scent signature. <i>Egyptian Journal of Forensic Sciences</i> , 2019, 9, .	0.4	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. <i>Journal of Separation Science</i> , 2019, 42, 1440-1450.	1.3	31
56	Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. <i>Molecules</i> , 2019, 24, 382.	1.7	16
57	Determination of adhesive acrylates in recycled polyethylene terephthalate by fabric phase sorptive extraction coupled to ultra performance liquid chromatography - mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1602, 56-63.	1.8	16
58	The impact of alcohol intoxication on witness suggestibility immediately and after a delay. <i>Applied Cognitive Psychology</i> , 2019, 33, 358-369.	0.9	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. <i>Microchemical Journal</i> , 2019, 149, 103964.	2.3	29
60	Fabric phase sorptive extraction/GC-MS method for rapid determination of broad polarity spectrum multi-class emerging pollutants in various aqueous samples. <i>Journal of Separation Science</i> , 2019, 42, 2407-2417.	1.3	17
61	A Method for Controlled Odor Delivery in Olfactory Field-Testing. <i>Chemical Senses</i> , 2019, 44, 399-408.	1.1	12
62	An FPSE-HPLC-PDA method for rapid determination of solar UV filters in human whole blood, plasma and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1118-1119, 40-50.	1.2	55
63	Fabric phase sorptive extraction for the isolation of five common antidepressants from human urine prior to HPLC-DAD analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1118-1119, 171-179.	1.2	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. <i>Molecules</i> , 2019, 24, 1013.	1.7	26
65	The Ability of Narcotic Detection Canines to Detect Illegal Synthetic Cathinones (Bath Salts). <i>Frontiers in Veterinary Science</i> , 2019, 6, 98.	0.9	7
66	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. <i>Molecules</i> , 2019, 24, 3334.	1.7	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. <i>Analytical Methods</i> , 2019, 11, 6136-6145.	1.3	31
68	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. <i>Journal of Separation Science</i> , 2019, 42, 598-608.	1.3	44
69	Application of fabric phase sorptive extraction with gas chromatography and mass spectrometry for the determination of organophosphorus pesticides in selected vegetable samples. <i>Journal of Separation Science</i> , 2019, 42, 862-870.	1.3	34
70	Innovative Configurations of Sample Preparation Techniques Applied in Bioanalytical Chemistry: A Review. <i>Current Analytical Chemistry</i> , 2019, 15, 731-744.	0.6	24
71	Forensic Sampling and Sample Preparation. <i>RSC Detection Science</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2991-3001.	1.9	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. <i>Journal of Chromatographic Science</i> , 2018, 56, 452-460.	0.7	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1084, 53-63.	1.2	55
75	The Equine Volatilome: Volatile Organic Compounds as Discriminatory Markers. <i>Journal of Equine Veterinary Science</i> , 2018, 62, 47-53.	0.4	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. <i>Microchemical Journal</i> , 2018, 137, 285-291.	2.3	35
77	One-pot synthesis of a multi-template molecularly imprinted polymer for the extraction of six sulfonamide residues from milk before high-performance liquid chromatography with diode array detection. <i>Journal of Separation Science</i> , 2018, 41, 723-731.	1.3	36
78	Birds and Dogs: Toward a Comparative Perspective on Odor Use and Detection. <i>Frontiers in Veterinary Science</i> , 2018, 5, 188.	0.9	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. <i>Separations</i> , 2018, 5, 34.	1.1	13
80	Fabric Phase Sorptive Extraction: Current State of the Art and Future Perspectives. <i>Separations</i> , 2018, 5, 40.	1.1	42
81	FPSE-HPLC-DAD method for the quantification of anticancer drugs in human whole blood, plasma, and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 204-213.	1.2	65
82	Agri-dogs: Using Canines for Earlier Detection of Laurel Wilt Disease Affecting Avocado Trees in South Florida. <i>HortTechnology</i> , 2018, 28, 109-116.	0.5	14
83	An Evaluation of Scent-discriminating Canines for Rapid Response to Agricultural Diseases. <i>HortTechnology</i> , 2018, 28, 102-108.	0.5	11
84	Chemotyping the temporal volatile organic compounds of an invasive fungus to the United States, <i>Raffaelea lauricola</i> . <i>Journal of Chromatography A</i> , 2017, 1487, 72-76.	1.8	8
85	Integrated sampling and analysis unit for the determination of sexual pheromones in environmental air using fabric phase sorptive extraction and headspace-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1488, 17-25.	1.8	27
86	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 before analysis by HPLC with diode array detection. <i>Journal of Separation Science</i> , 2017, 40, 2612-2619.	1.3	21
87	Chemical and canine analysis as complimentary techniques for the identification of active odors of the invasive fungus, <i>Raffaelea lauricola</i> . <i>Talanta</i> , 2017, 168, 320-328.	2.9	7
88	Fabric phase sorptive extraction of selected penicillin antibiotic residues from intact milk followed by high performance liquid chromatography with diode array detection. <i>Food Chemistry</i> , 2017, 224, 131-138.	4.2	52
89	Alcohol Intoxication and Metamemory: Little Evidence that Moderate Intoxication Impairs Metacognitive Monitoring Processes. <i>Applied Cognitive Psychology</i> , 2017, 31, 573-585.	0.9	12
90	Kinetic, product, and computational studies of the ultrasonic induced degradation of 4-methylcyclohexanemethanol (MCHM). <i>Water Research</i> , 2017, 126, 164-171.	5.3	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. <i>Journal of Chromatography A</i> , 2017, 1529, 39-49.	1.8	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 192-198.	1.2	69
93	Determination of VOC marker combinations for the classification of individuals by gender and race/ethnicity. <i>Forensic Science International</i> , 2017, 270, 193-199.	1.3	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. <i>Separation Science and Technology</i> , 2017, 52, 81-90.	1.3	21
95	Fabric Phase Sorptive Extraction Explained. <i>Separations</i> , 2017, 4, 21.	1.1	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. <i>Separations</i> , 2017, 4, 22.	1.1	27
97	Witness memory and alcohol: The effects of state-dependent recall. <i>Law and Human Behavior</i> , 2017, 41, 202-215.	0.6	37
98	Simplifying sample preparation using fabric phase sorptive extraction technique for the determination of benzodiazepines in blood serum by high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2016, 30, 829-836.	0.8	53
99	Rapid monitoring of residual UV-stabilizers in seawater samples from beaches using fabric phase sorptive extraction and UHPLC-MS/MS. <i>Chemosphere</i> , 2016, 164, 201-207.	4.2	50
100	An investigation into the concurrent collection of human scent and epithelial skin cells using a non-contact sampling device. <i>Forensic Science International</i> , 2016, 266, 148-159.	1.3	13
101	Dynamic fabric phase sorptive extraction for a group of pharmaceuticals and personal care products from environmental waters. <i>Journal of Chromatography A</i> , 2016, 1456, 19-26.	1.8	44
102	Matrix molecularly imprinted mesoporous sol-gel sorbent for efficient solid-phase extraction of chloramphenicol from milk. <i>Analytica Chimica Acta</i> , 2016, 914, 62-74.	2.6	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. <i>Journal of Chromatography A</i> , 2016, 1437, 116-126.	1.8	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. <i>Food Chemistry</i> , 2016, 196, 428-436.	4.2	91
105	Development of a fabric phase sorptive extraction with high-performance liquid chromatography and ultraviolet detection method for the analysis of alkyl phenols in environmental samples. <i>Journal of Separation Science</i> , 2015, 38, 3228-3238.	1.3	32
106	Fabric phase sorptive extraction followed by UHPLC-MS/MS for the analysis of benzotriazole UV stabilizers in sewage samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8137-8150.	1.9	57
107	Fabric phase sorptive extraction: A new sorptive microextraction technique for the determination of non-steroidal anti-inflammatory drugs from environmental water samples. <i>Analytica Chimica Acta</i> , 2015, 865, 22-30.	2.6	82
108	On the importance of training aids and the definition of an explosive odor signature: Commentary on Kranz et al.. <i>Forensic Science International</i> , 2015, 251, e18-e19.	1.3	3

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109	Advances in the use of odour as forensic evidence through optimizing and standardizing instruments and canines. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140262.	1.8	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. <i>Forensic Science International</i> , 2015, 251, 107-114.	1.3	15
111	Comparative study of different fabric phase sorptive extraction sorbents to determine emerging contaminants from environmental water using liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2015, 144, 1342-1351.	2.9	46
112	African elephants ( <i>Loxodonta africana</i> ) can detect TNT using olfaction: Implications for biosensor application. <i>Applied Animal Behaviour Science</i> , 2015, 171, 177-183.	0.8	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. <i>Analytica Chimica Acta</i> , 2015, 855, 41-50.	2.6	88
114	Stir fabric phase sorptive extraction for the determination of triazine herbicides in environmental waters by liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1376, 35-45.	1.8	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. <i>Journal of Chromatography A</i> , 2014, 1359, 16-25.	1.8	135
117	Comparison of the Volatile Organic Compounds from Different Biological Specimens for Profiling Potential*. <i>Journal of Forensic Sciences</i> , 2013, 58, 29-39.	0.9	64
118	Applicability of emanating volatile organic compounds from various forensic specimens for individual differentiation. <i>Forensic Science International</i> , 2013, 226, 173-182.	1.3	37
119	Innovations in sol-gel microextraction phases for solvent-free sample preparation in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 197-218.	5.8	161
120	Recent advances in micro-sample preparation with forensic applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 264-279.	5.8	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. <i>Forensic Science International</i> , 2012, 217, 32-38.	1.3	38
123	The Evaluation of Human Hand Odor Volatiles on Various Textiles: A Comparison Between Contact and Noncontact Sampling Methods*,â€. <i>Journal of Forensic Sciences</i> , 2011, 56, 866-881.	0.9	69
124	Availability of Target Odor Compounds from Seized Ecstasy Tablets for Canine Detection* ,â€. <i>Journal of Forensic Sciences</i> , 2011, 56, 1594-1600.	0.9	9
125	Development of headspace SPME method for analysis of volatile organic compounds present in human biological specimens. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1817-1826.	1.9	72
126	Collection and identification of human remains volatiles by non-contact, dynamic airflow sampling and SPME-GC/MS using various sorbent materials. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1295-1307.	1.9	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. <i>Forensic Science International</i> , 2011, 209, 133-142.	1.3	36
128	Detection of piperonal emitted from polymer controlled odor mimic permeation systems utilizing <i>Canis familiaris</i> and solid phase microextraction-ion mobility spectrometry. <i>Forensic Science International</i> , 2010, 195, 132-138.	1.3	29
129	Canine human scent identifications with post-blast debris collected from improvised explosive devices. <i>Forensic Science International</i> , 2010, 199, 103-108.	1.3	49
130	The Differentiation of the Volatile Organic Signatures of Individuals Through SPME-GC/MS of Characteristic Human Scent Compounds. <i>Journal of Forensic Sciences</i> , 2010, 55, 50-57.	0.9	82
131	Evaluating the Relationship Between Postmortem and Antemortem Morphine and Codeine Concentrations in Whole Blood. <i>Journal of Analytical Toxicology</i> , 2010, 34, 491-497.	1.7	25
132	Comparison of extraction methods for the removal of volatile organic compounds (VOCs) present in sorbents used for human scent evidence collection. <i>Analytical Methods</i> , 2010, 2, 470.	1.3	32
133	Comparison between Human Scent Compounds Collected on Cotton and Cotton Blend Materials for SPME-GC/MS Analysis. <i>Journal of Forensics Research</i> , 2010, 01, .	0.1	12
134	The Stability of Collected Human Scent Under Various Environmental Conditions* <sup>&amp;#x2013;</sup> . <i>Journal of Forensic Sciences</i> , 2009, 54, 1270-1277.	0.9	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. <i>Sensors</i> , 2007, 7, 1496-1508.	2.1	16
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