

Kenneth G Furton

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205
papers

4,883
citations

38
h-index

60
g-index

228
ext. papers

5,609
ext. citations

3.9
avg, IF

5.95
L-index

#	Paper	IF	Citations
205	The scientific foundation and efficacy of the use of canines as chemical detectors for explosives. <i>Talanta</i> , 2001 , 54, 487-500	6.2	315
204	Comparison of the volatile organic compounds present in human odor using SPME-GC/MS. <i>Journal of Chemical Ecology</i> , 2005 , 31, 1607-19	2.7	184
203	Laboratory and field experiments used to identify <i>Canis lupus var. familiaris</i> active odor signature chemicals from drugs, explosives, and humans. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 376, 1212-24	4.4	151
202	Identification of dominant odor chemicals emanating from explosives for use in developing optimal training aid combinations and mimics for canine detection. <i>Talanta</i> , 2005 , 67, 313-27	6.2	137
201	Organic salts, liquid at room temperature, as mobile phases in liquid chromatography. <i>Journal of Chromatography A</i> , 1986 , 352, 407-425	4.5	134
200	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	14.6	129
199	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	4.5	104
198	Solid phase microextraction ion mobility spectrometer interface for explosive and taggant detection. <i>Journal of Separation Science</i> , 2005 , 28, 177-83	3.4	88
197	The frequency of occurrence and discriminatory power of compounds found in human scent across a population determined by SPME-GC/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 846, 86-97	3.2	81
196	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, 428-36	8.5	77
195	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	6.6	72
194	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, 50-7	1.8	69
193	Characterization of background and pyrolysis products that may interfere with the forensic analysis of fire debris. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004 , 71, 51-67	6	69
192	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	6.6	68
191	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, 1295-307	4.4	66
190	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	4.5	65
189	Fabric Phase Sorptive Extraction Explained. <i>Separations</i> , 2017 , 4, 21	3.1	59

188	Ambiguities in the determination of McReynolds stationary phase constants. <i>Journal of Chromatography A</i> , 1987 , 411, 43-59	4.5	59
187	Development of headspace SPME method for analysis of volatile organic compounds present in human biological specimens. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1817-26	4.4	57
186	Liquid Organic Salt Phases for Gas Chromatography. <i>Journal of Chromatographic Science</i> , 1986 , 24, 400-409		56
185	Determining the critical micelle concentration of aqueous surfactant solutions: Using a novel colorimetric method. <i>Journal of Chemical Education</i> , 1993 , 70, 254	2.4	55
184	The evaluation of human hand odor volatiles on various textiles: a comparison between contact and noncontact sampling methods. <i>Journal of Forensic Sciences</i> , 2011 , 56, 866-81	1.8	54
183	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	6.6	52
182	Comparison of the volatile organic compounds from different biological specimens for profiling potential. <i>Journal of Forensic Sciences</i> , 2013 , 58, 29-39	1.8	52
181	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	3.2	49
180	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	3.2	48
179	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, 8137-50	4.4	48
178	Thermodynamic characteristics of solute-solvent interactions in liquid organic salt solvents, studied by gas chromatography. <i>Journal of Chromatography A</i> , 1987 , 399, 47-67	4.5	48
177	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	4.5	45
176	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	3.2	44
175	Determination of methylmercury in fish and aqueous samples using solid-phase microextraction followed by gas chromatography-atomic fluorescence spectrometry. <i>Applied Organometallic Chemistry</i> , 1998 , 12, 565-569	3.1	44
174	Gas chromatography positive chemical ionization and tandem mass spectrometry for the analysis of organic high explosives. <i>Talanta</i> , 2005 , 67, 430-6	6.2	41
173	Synthesis and gas chromatographic stationary phase properties of alkylammonium thiocyanates. <i>Journal of Chromatography A</i> , 1986 , 356, 59-77	4.5	41
172	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, 1342-51	6.2	40
171	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	8.5	39

170	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	4.5	39
169	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	8.4	39
168	Canine human scent identifications with post-blast debris collected from improvised explosive devices. <i>Forensic Science International</i> , 2010 , 199, 103-8	2.6	38
167	A simple, inexpensive, rapid, sensitive and solventless technique for the analysis of accelerants in fire debris based on SPME. <i>Journal of High Resolution Chromatography</i> , 1995 , 18, 625-629		36
166	Trends in techniques for the extraction of drugs and pesticides from biological specimens prior to chromatographic separation and detection. <i>Analytica Chimica Acta</i> , 1990 , 236, 99-114	6.6	36
165	Identification of odor signature chemicals in cocaine using solid-phase microextraction-gas chromatography and detector-dog response to isolated compounds spiked on U.S. paper currency. <i>Journal of Chromatographic Science</i> , 2002 , 40, 147-55	1.4	35
164	Solute-solvent interactions in liquid alkylammonium 4-toluenesulfonate salts studied by gas chromatography. <i>Analytical Chemistry</i> , 1987 , 59, 1170-1176	7.8	35
163	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, 829-36	1.7	35
162	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	3.2	34
161	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	3.2	34
160	A Novel Method for the Analysis of Gasoline from Fire Debris Using Headspace Solid-Phase Microextraction. <i>Journal of Forensic Sciences</i> , 1996 , 41, 13890J	1.8	34
159	The recovery of accelerants in aqueous samples from fire debris using solid-phase microextraction (SPME). <i>Science and Justice - Journal of the Forensic Science Society</i> , 1996 , 36, 283-287	2	33
158	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, 32-8	2.6	32
157	Factors governing the analytical supercritical fluid extraction and supercritical fluid chromatographic retention of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 1991 , 545, 149-160	4.5	32
156	Optimization of Solid-Phase Microextraction (SPME) for the Recovery of Explosives from Aqueous and Post-Explosion Debris Followed by Gas and Liquid Chromatographic Analysis. <i>Journal of Forensic Sciences</i> , 2000 , 45, 14784J	1.8	32
155	Determination of methyl- and ethylmercury compounds using gas chromatography atomic fluorescence spectrometry following aqueous derivatization with sodium tetraphenylborate. <i>Chromatographia</i> , 2000 , 52, 82-86	2.1	30
154	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	4.8	30
153	Applicability of emanating volatile organic compounds from various forensic specimens for individual differentiation. <i>Forensic Science International</i> , 2013 , 226, 173-82	2.6	29

152	Recent advances in the analysis of polycyclic aromatic hydrocarbons and fullerenes. <i>Journal of Chromatography A</i> , 1993 , 642, 33-45	4.5	29
151	Fabric Phase Sorptive Extraction: Current State of the Art and Future Perspectives. <i>Separations</i> , 2018 , 5, 40	3.1	29
150	Recent advances in micro-sample preparation with forensic applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 45, 264-279	14.6	28
149	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	3.2	28
148	The stability of collected human scent under various environmental conditions. <i>Journal of Forensic Sciences</i> , 2009 , 54, 1270-7	1.8	28
147	Witness memory and alcohol: The effects of state-dependent recall. <i>Law and Human Behavior</i> , 2017 , 41, 202-215	2.5	28
146	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,	5.8	27
145	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 , 1118-1119, 171-179	3.2	27
144	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	3.4	27
143	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, 133-42	2.6	27
142	Separation and determination of aromatic acids in natural water with preconcentration by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1998 , 817, 145-152	4.5	27
141	Rapid determination of uranium on solid matrices by synergistic in situ chelation supercritical fluid extraction and UV absorption spectroscopy. <i>Analytica Chimica Acta</i> , 1995 , 304, 203-208	6.6	27
140	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	3.4	27
139	An Improved Interface for Coupling Solid-Phase Microextraction (SPME) to High Performance Liquid Chromatography (HPLC) Applied to the Analysis of Explosives. <i>Journal of High Resolution Chromatography</i> , 1999 , 22, 279-282		26
138	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	3.4	26
137	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	3.2	24
136	The Detection and Analysis of Ignitable Liquid Residues Extracted from Human Skin Using SPME/GC. <i>Journal of Forensic Sciences</i> , 2000 , 45, 14706J	1.8	24
135	Fabric-Phase Sorptive Membrane Array As a Noninvasive Sampling Device For Human Exposure To Different Compounds. <i>Analytical Chemistry</i> , 2021 , 93, 1957-1961	7.8	24

134	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	4.5	23
133	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	2.2	22
132	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, 132-8	2.6	22
131	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	4.5	21
130	Evaluating the relationship between postmortem and antemortem morphine and codeine concentrations in whole blood. <i>Journal of Analytical Toxicology</i> , 2010 , 34, 491-7	2.9	21
129	Hydrocarbon speciation in ancient sediments studied by stepwise high-temperature supercritical carbon dioxide extraction. <i>Organic Geochemistry</i> , 1997 , 26, 59-65	3.1	20
128	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	4.5	19
127	High temperature supercritical carbon dioxide extractions of geological samples: effects and contributions from the sample matrix. <i>Applied Geochemistry</i> , 2000 , 15, 79-89	3.5	19
126	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	3.4	17
125	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	4.8	17
124	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	3.1	17
123	Variables Influencing the Direct Determination of Haloacetic Acids in Water by Reversed-Phase Ion-Pair Chromatography with Indirect UV Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994 , 17, 4405-4429		17
122	Gas chromatographic stationary phase properties of two room-temperature liquid organic salts. <i>Analytica Chimica Acta</i> , 1987 , 192, 49-61	6.6	17
121	Determination of Benzene and Toluene in Gasoline by Gas Chromatography Using a Liquid Organic Salt Column. <i>Journal of Chromatographic Science</i> , 1988 , 26, 67-73	1.4	17
120	Innovative Configurations of Sample Preparation Techniques Applied in Bioanalytical Chemistry: A Review. <i>Current Analytical Chemistry</i> , 2019 , 15, 731-744	1.7	17
119	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	3.4	17
118	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	3.4	16
117	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	2.5	16

116	Variation in the gas chromatographic stationary phase properties of tetra-n-butylammonium salts as a function of the anion type. <i>Journal of Chromatography A</i> , 1985 , 349, 235-247	4.5	16
115	Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. <i>Molecules</i> , 2019 , 24,	4.8	15
114	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	4.8	15
113	Kinetic, product, and computational studies of the ultrasonic induced degradation of 4-methylcyclohexanemethanol (MCHM). <i>Water Research</i> , 2017 , 126, 164-171	12.5	15
112	Evaluation of field sampling techniques including electronic noses and a dynamic headspace sampler for use in fire investigations. <i>Sensors and Actuators B: Chemical</i> , 2006 , 116, 121-129	8.5	15
111	Trends in forensic science education: expansion and increased accountability. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 376, 1156-9	4.4	15
110	The quantitative effect of microextractor cell geometry on the analytical supercritical fluid extraction efficiencies of environmentally important compounds. <i>Chromatographia</i> , 1991 , 31, 297-299	2.1	15
109	What Educational Background Do Crime Laboratory Directors Require from Applicants?. <i>Journal of Forensic Sciences</i> , 1999 , 44, 14424J	1.8	15
108	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	3.2	15
107	Biological Detection of Explosives 2007 , 395-431		14
106	High-temperature supercritical fluid extraction of hydrocarbons from geological samples and comparison to Soxhlet extraction. <i>Journal of High Resolution Chromatography</i> , 1994 , 17, 679-681		14
105	The impact of alcohol intoxication on witness suggestibility immediately and after a delay. <i>Applied Cognitive Psychology</i> , 2019 , 33, 358-369	2.1	13
104	Differentiation of Toxic Molds via Headspace SPME-GC/MS and Canine Detection. <i>Sensors</i> , 2007 , 7, 1496-1508	3.1	13
103	Effect of anion chain length on the solvent properties of liquid tetrabutylammonium alkylsulfonate salts studied by gas-liquid chromatography. <i>Analytica Chimica Acta</i> , 1991 , 246, 171-179	6.6	13
102	Effect of microextractor cell geometry on supercritical fluid extraction recoveries and correlations with supercritical fluid chromatographic data. <i>Analytica Chimica Acta</i> , 1991 , 248, 263-270	6.6	13
101	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	1.7	13
100	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,	4.8	12
99	On the Definition and Measurement of Human Scent: Response by Curran et al.. <i>Journal of Chemical Ecology</i> , 2006 , 32, 1617-1623	2.7	12

98	Correlation of solute retention in gas chromatography with properties of the anion for tetra-n-butylammonium salts. <i>Analytica Chimica Acta</i> , 1987 , 192, 255-265	6.6	12
97	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	4.8	12
96	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. <i>Molecules</i> , 2019 , 24,	4.8	12
95	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, 107-14	2.6	11
94	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	3.4	11
93	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	4.4	11
92	The dependence of sorbent/analyte type on observed differences in supercritical fluid extraction efficiencies employing extraction vessels of different dimensions. <i>Chromatographia</i> , 1992 , 34, 185-187	2.1	11
91	Variables affecting the supercritical fluid extraction of analytes from octadecylsilane solid-phase sorbents. <i>Journal of Chromatography A</i> , 1993 , 629, 3-9	4.5	11
90	Fabric Phase Sorptive Extraction Explained		11
89	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	4.5	10
88	Alcohol Intoxication and Metamemory: Little Evidence that Moderate Intoxication Impairs Metacognitive Monitoring Processes. <i>Applied Cognitive Psychology</i> , 2017 , 31, 573-585	2.1	9
87	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 ⁹	3.4	9
86	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	2.6	9
85	Variables controlling the recovery of ignitable liquid residues from simulated fire debris samples using solid-phase microextraction/gas chromatography 1999 ,		9
84	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,		9
83	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	3.1	9
82	Generalization and Discrimination of Molecularly Similar Odorants in Detection Canines and the Influence of Training. <i>Behavioural Processes</i> , 2020 , 177, 104148	1.6	8
81	Determination of VOC marker combinations for the classification of individuals by gender and race/ethnicity. <i>Forensic Science International</i> , 2017 , 270, 193-199	2.6	8

80	Availability of target odor compounds from seized ecstasy tablets for canine detection. <i>Journal of Forensic Sciences</i> , 2011 , 56, 1594-600	1.8	8
79	Fast fabric phase sorptive extraction of selected β blockers from human serum and urine followed by UHPLC-ESI-MS/MS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 199, 114053	3.5	8
78	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	1.9	8
77	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	4.8	8
76	The Equine Volatilome: Volatile Organic Compounds as Discriminatory Markers. <i>Journal of Equine Veterinary Science</i> , 2018 , 62, 47-53	1.2	7
75	Agri-dogs: Using Canines for Earlier Detection of Laurel Wilt Disease Affecting Avocado Trees in South Florida. <i>HortTechnology</i> , 2018 , 28, 109-116	1.3	7
74	Variation in the Supercritical Fluid Extraction of Polychlorinated Biphenyls as a Function of Sorbent Type, Extraction Cell Dimensions, and Fluid Flow Rate. <i>Journal of Chromatographic Science</i> , 1993 , 31, 201-206	1.4	7
73	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	2.2	7
72	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	6.2	6
71	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,	3.1	6
70	Temperature effects on supercritical carbon dioxide extractions of hydrocarbons from geological samples. <i>Journal of High Resolution Chromatography</i> , 1997 , 20, 586-590		6
69	Potential ambiguities in the use of mcrcynolds constants: Apparent differences in stationary phase selectivities exclusively attributable to the hydrocarbon index standards. <i>Journal of High Resolution Chromatography</i> , 1991 , 14, 62-64		6
68	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	4.5	6
67	Designing a moderately hydrophobic sol-gel monolithic Carbowax 20M sorbent for the capsule phase microextraction of triazine herbicides from water samples prior to HPLC analysis. <i>Talanta</i> , 2021 , 234, 122710	6.2	6
66	A Method for Controlled Odor Delivery in Olfactory Field-Testing. <i>Chemical Senses</i> , 2019 , 44, 399-408	4.8	5
65	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	4.5	5
64	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	1.4	5
63	An Evaluation of Scent-discriminating Canines for Rapid Response to Agricultural Diseases. <i>HortTechnology</i> , 2018 , 28, 102-108	1.3	5

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