

Kenneth G Furton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Novel Applications of Microextraction Techniques Focused on Biological and Forensic Analyses. <i>Separations</i> , 2022 , 9, 18	3.1	4
204	Explosives detection by dogs 2022 , 47-75		0
203	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	4.8	2
202	Exploiting the capsule phase microextraction features in bioanalysis: Extraction of ibuprofen from urine samples. <i>Microchemical Journal</i> , 2022 , 172, 106934	4.8	3
201	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	3.7	
200	Fabric Phase Sorptive Extraction for the Determination of Anthracyclines in Sewage. <i>Separations</i> , 2022 , 9, 69	3.1	0
199	Measuring Odor Transport of Narcotic Substances Using DART-MS. <i>Forensic Sciences</i> , 2022 , 2, 262-271		
198	The influence of intra-personal variations in human hand odor on the determination of sample donor.. <i>Forensic Science International</i> , 2022 , 334, 111235	2.6	1
197	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 , 107524	4.8	3
196	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	4.5	1
195	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 , 107594	4.8	0
194	Determination of synthetic opioids in oral fluid samples using fabric phase sorptive extraction and gas chromatography-mass spectrometry.. <i>Journal of Chromatography A</i> , 2021 , 1663, 462768	4.5	1
193	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> , 2021 , 373, 131517	8.5	4
192	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> , 2021 , 1188, 123073	3.2	3
191	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> , 2021 , 1664, 462785	4.5	4
190	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,	4.8	4
189	Polycyclic Aromatic Hydrocarbons 2021 , 1-30		2

188	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
187	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	3.5	
186	Identification of volatile components in the headspace of pharmaceutical-grade fentanyl. <i>Forensic Chemistry</i> , 2021 , 24, 100331	2.8	3
185	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, 1003 ^{3.1}	3.1	4
184	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
183	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	4.8	5
182	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
181	Applications of gas chromatography in forensic science 2021 , 745-791		2
180	Controlled Odor Mimic Permeation Systems for Olfactory Training and Field Testing. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	1
179	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 Sciences</i> , 2021	3.2	5
178	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	3.4	5
177	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
176	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,	4.9	1
175	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,	4.8	2
174	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
173	Fan-based device for integrated air sampling and microextraction. <i>Talanta</i> , 2021 , 230, 122290	6.2	1
172	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
171	Designing a moderately hydrophobic sol-gel monolithic Carbowax 20IM 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

170	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
169	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
168	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
167	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
166	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	3.4	3
165	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
164	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> , 2020 , 26,	4.8	4
163	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	2.2	5
162	Fabric phase sorptive extraction 2020 , 355-386		1
161	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 , 1620, 461550	4.5	23
160	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
159	Multiplicity of human scent signature. <i>Egyptian Journal of Forensic Sciences</i> , 2019 , 9,	1.1	3
158	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
157	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
156	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
155	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
154	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
153	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	3.4	9

152	A Method for Controlled Odor Delivery in Olfactory Field-Testing. <i>Chemical Senses</i> , 2019 , 44, 399-408	4.8	5
151	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
150	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
149	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
148	The Ability of Narcotic Detection Canines to Detect Illegal Synthetic Cathinones (Bath Salts). <i>Frontiers in Veterinary Science</i> , 2019 , 6, 98	3.1	2
147	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
146	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
145	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
144	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 , 1118-1119, 171-179	3.2	1
143	Innovative Configurations of Sample Preparation Techniques Applied in Bioanalytical Chemistry: A Review. <i>Current Analytical Chemistry</i> , 2019 , 15, 731-744	1.7	17
142	CHAPTER 2:Forensic Sampling and Sample Preparation. <i>RSC Detection Science</i> , 2019 , 7-35	0.4	
141	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. <i>Molecules</i> , 2019 , 24,	4.8	12
140	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
139	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
138	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
137	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
136	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
135	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> , 2019 , 1118-1119, 171-179	3.2	44

134	The Equine Volatilome: Volatile Organic Compounds as Discriminatory Markers. <i>Journal of Equine Veterinary Science</i> , 2018 , 62, 47-53	1.2	7
133	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
132	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
131	An Evaluation of Scent-discriminating Canines for Rapid Response to Agricultural Diseases. <i>HortTechnology</i> , 2018 , 28, 102-108	1.3	5
130	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
129	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
128	Birds and Dogs: Toward a Comparative Perspective on Odor Use and Detection. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 188	3.1	2
127	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
126	Fabric Phase Sorptive Extraction: Current State of the Art and Future Perspectives. <i>Separations</i> , 2018 , 5, 40	3.1	29
125	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	4.5	4
124	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
123	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
122	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
121	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
120	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
119	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
118	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
117	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, 102-108	3.2	48

116	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
115	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
114	Fabric Phase Sorptive Extraction Explained. <i>Separations</i> , 2017 , 4, 21	3.1	59
113	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
112	Witness memory and alcohol: The effects of state-dependent recall. <i>Law and Human Behavior</i> , 2017 , 41, 202-215	2.5	28
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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, e18-9	2.6	2
103	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
102	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
101	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
100	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
99	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

98	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
97	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
96	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
95	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
94	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
93	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
92	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
91	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
90	Recent advances in micro-sample preparation with forensic applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 45, 264-279	14.6	28
89	Extraction and Analysis of Polysaccharides, Chiral Amino Acids, and Sfe-Extractable Lipids from Marine POM. <i>Geophysical Monograph Series</i> , 2013 , 151-161	1.1	5
88	Applications of Gas Chromatography in Forensic Science 2012 , 563-604		1
87	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
86	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
85	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
84	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
83	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
82	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
81	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

80	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
79	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
78	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
77	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
76	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
75	The stability of collected human scent under various environmental conditions. <i>Journal of Forensic Sciences</i> , 2009 , 54, 1270-7	1.8	28
74	Differentiation of Toxic Molds via Headspace SPME-GC/MS and Canine Detection. <i>Sensors</i> , 2007 , 7, 1496-1508	3.1	13
73	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
72	Biological Detection of Explosives 2007 , 395-431		14
71	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
70	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
69	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
68	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
67	Human scent as a biometric measurement 2005 , 5779, 398		2
66	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		4
65	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
64	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
63	Application of a SPME-IMS detection system for explosives detection 2005 ,		5

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