Applications of solid-phase microextraction in food ana

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Citation Report

#	Article	IF	Citations
2	Headspace extraction of alcohols into a single drop. Analyst, The, 2001, 126, 1674-1677.	1.7	189
3	Chapter 1 Gas chromatographic analysis of environmental amines with selective detectors. Handbook of Analytical Separations, 2001, 3, 1-37.	0.8	3
4	Determination of stimulants in human urine and hair samples by polypyrrole coated capillary in-tube solid phase microextraction coupled with liquid chromatography-electrospray mass spectrometry. Talanta, 2001, 54, 655-672.	2.9	88
5	Application of solid-phase microextraction for the determination of organophosphorous pesticides in aqueous samples by gas chromatography with flame photometric detector. Talanta, 2001, 55, 807-814.	2.9	101
6	Changes in the Aroma of a Strawberry Drink during Storage. Journal of Agricultural and Food Chemistry, 2001, 49, 3244-3252.	2.4	27
7	Atmospheric Sampling of Persistent Organic Pollutants: Needs, Applications and Advances in Passive Air Sampling Techniques. Scientific World Journal, The, 2001, 1, 557-575.	0.8	14
8	Analysis of Volatile Compounds in the Headspace of Rice Using SPME/ GC/ MS. , 2001, , .		8
9	Modern Methods for Isolating and Quantifying Volatile Flavor and Fragrance Compounds. , 2001, , .		3
10	Method optimization for analysis of the volatile fraction of ewe cheese by solid-phase microextraction. Chromatographia, 2001, 53, S390-S393.	0.7	19
11	Determination of cyclopiazonic acid in cheese samples using solid-phase microextraction and high performance liquid chromatography. Food Chemistry, 2001, 75, 249-254.	4.2	50
12	Solid-phase microextraction of hop volatiles. Journal of Chromatography A, 2001, 918, 159-167.	1.8	79
13	Chapter 23 Sampling and sample preparation for clinical and pharmaceutical analysis. Comprehensive Analytical Chemistry, 2002, 37, 779-836.	0.7	6
14	Semiquantitative Determination of Short-Chain Fatty Acids in Cane and Beet Sugars. Journal of Chromatographic Science, 2002, 40, 127-132.	0.7	14
15	Optimization of Headspace Solid-Phase Microextraction (SPME) for the Odor Analysis of Surface-Ripened Cheese. Journal of Agricultural and Food Chemistry, 2002, 50, 3810-3817.	2.4	81
16	The oxylipin chemistry of attraction and defense in brown algae and diatoms. Natural Product Reports, 2002, 19, 108-122.	5.2	198
17	Chapter 32 New polymeric extraction materials. Comprehensive Analytical Chemistry, 2002, 37, 1023-1080.	0.7	3
18	Automated on-line in-tube solid-phase microextraction coupled with high performance liquid chromatography for the analysis of bisphenol A, alkylphenols, and phthalate esters in foods contacted with plastics. Journal of Separation Science, 2002, 25, 77-85.	1.3	96
19	Preparation and investigation of polymethylphenylvinylsiloxane-coated solid-phase microextraction fibers using sol-gel technology. Chromatographia, 2002, 56, 73-80.	0.7	29

#	Article	IF	Citations
20	Application of solid-phase micro-extraction and comprehensive two-dimensional gas chromatography (GCÃ—GC) for flavour analysis. Chromatographia, 2002, 55, 361-367.	0.7	49
21	Headspace solid-phase microextraction and gas chromatography-mass spectrometry analysis of free volatile compounds inMango. Chromatographia, 2002, 55, 737-741.	0.7	19
22	Improved determination of chlorophenols in water by solid-phase microextraction followed by benzoylation and gas chromatography with electron capture detection. Chromatographia, 2002, 55, 595-600.	0.7	34
23	Method for analysis of 4-hydroxy-2-(E)-nonenal with solid-phase microextraction. Lipids, 2002, 37, 621-626.	0.7	14
24	Automated sample preparation using in-tube solid-phase microextraction and its application â€“ a review. Analytical and Bioanalytical Chemistry, 2002, 373, 31-45.	1.9	271
25	Miniaturized solid-phase extraction as a sample preparation technique for the determination of phthalates in water. Analytical and Bioanalytical Chemistry, 2002, 373, 81-86.	1.9	75
26	Validation of an SPME method, using PDMS, PA, PDMS-DVB, and CW-DVB SPME fiber coatings, for analysis of organophosphorus insecticides in natural waters. Analytical and Bioanalytical Chemistry, 2002, 374, 932-941.	1.9	55
27	Determination of delorazepam in urine by solid-phase microextraction coupled to high performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2002, 28, 965-972.	1.4	16
28	High-speed gas chromatographic analysis of solvents in pharmaceuticals using solid phase microextraction. Journal of Pharmaceutical and Biomedical Analysis, 2002, 29, 507-518.	1.4	32
29	Application of gas chromatography in food analysis. TrAC - Trends in Analytical Chemistry, 2002, 21, 686-697.	5.8	111
30	Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2002, 970, 201-212.	1.8	143
31	Polymer-coated synthetic fibers designed for miniaturized sample preparation process. Journal of Chromatography A, 2002, 975, 105-112.	1.8	53
32	Recent applications of sample preparation techniques in food analysis. Journal of Chromatography A, 2002, 975, 47-70.	1.8	181
33	Solid-phase microextraction-high performance liquid chromatography and diode array detection for the determination of mycophenolic acid in cheese. Food Chemistry, 2002, 78, 249-254.	4.2	30
34	Determination of ethylphenol compounds in wine by headspace solid-phase microextraction in conjunction with gas chromatography and flame ionization detection. Analytica Chimica Acta, 2002, 458, 111-117.	2.6	64
35	Application of solid-phase microextraction for monitoring the photocatalytic decomposition of fenthion and parathion in aqueous TiO2 suspensions. Analytica Chimica Acta, 2002, 467, 233-243.	2.6	35
36	Application of headspace solid-phase microextraction to the determination of sulphur compounds with low volatility in wines. Journal of Chromatography A, 2002, 945, 211-219.	1.8	90
37	Headspace solid-phase microextraction analysis of 3-alkyl-2-methoxypyrazines in wines. Journal of Chromatography A, 2002, 953, 1-6.	1.8	89

#	Article	IF	Citations
38	Headspace solid-phase microextraction of higher fatty acid ethyl esters in white rum aroma. Journal of Chromatography A, 2002, 954, 51-57.	1.8	48
39	Comparison of three different poly(dimethylsiloxane)â€"divinylbenzene fibres for the analysis of pesticide multiresidues in water samples: structure and efficiency. Journal of Chromatography A, 2002, 963, 19-26.	1.8	60
40	Solid-phase microextraction and gas chromatographyâ€"mass spectrometry for the rapid screening of triazole residues in wine and strawberries. Journal of Chromatography A, 2002, 967, 255-260.	1.8	66
41	Sample handling strategies for the determination of biophenols in food and plants. Journal of Chromatography A, 2002, 975, 71-93.	1.8	131
42	Determination of dichlorvos by on-line microwave-assisted extraction coupled to headspace solid-phase microextraction and gas chromatographyâ€"electron-capture detection. Journal of Chromatography A, 2002, 976, 349-355.	1.8	72
43	Determination of 2,4,6-trichloroanisole in wines by headspace solid-phase microextraction and gas chromatographyâ€"electron-capture detection. Journal of Chromatography A, 2002, 977, 1-8.	1.8	76
44	Determination of 4-ethylguaiacol and 4-ethylphenol in red wines using headspace-solid-phase microextraction-gas chromatography. Journal of Chromatography A, 2002, 975, 349-354.	1.8	80
45	Headspace Solid Phase Microextraction Applied to the Analysis of Organophosphorus Insecticides in Strawberry and Cherry Juices. Journal of Agricultural and Food Chemistry, 2002, 50, 3359-3365.	2.4	67
46	Off-Line Solid-Phase Microextraction and Capillary Electrophoresis Mass Spectrometry To Determine Acidic Pesticides in Fruits. Analytical Chemistry, 2003, 75, 452-459.	3.2	109
47	Optimization of headspace solid phase microextraction for gas chromatography/mass spectrometry analysis of widely different volatility and polarity terpenoids in olibanum. Journal of Chromatography A, 2003, 1018, 73-83.	1.8	85
48	Analysis of the volatile constituents ofApium graveolens L. andOenanthe L. by gas chromatography-mass spectrometry, using headspace solid-phase microextraction. Chromatographia, 2003, 57, 805-809.	0.7	29
49	Determination of the volatile constituents of ChineseCoriandrum sativum L. by gas chromatographyâ€"Mass spectrometry with solid-phase microextraction. Chromatographia, 2003, 57, 357-361.	0.7	24
50	Coupling solid-phase microextraction to liquid chromatography. A review. Analytical and Bioanalytical Chemistry, 2003, 375, 73-80.	1.9	84
51	Application of solid-phase microextraction for the determination of pyrethroid residues in vegetable samples by GC-MS. Analytical and Bioanalytical Chemistry, 2003, 376, 502-511.	1.9	80
52	Flavor of Cheddar Cheese: A Chemical and Sensory Perspective. Comprehensive Reviews in Food Science and Food Safety, 2003, 2, 166-189.	5.9	346
53	The development of selective and biocompatible coatings for solid phase microextraction. Journal of Separation Science, 2003, 26, 251-260.	1.3	69
54	Determination of daidzein and genistein in soybean foods by automated on-line in-tube solid-phase microextraction coupled to high-performance liquid chromatography. Journal of Chromatography A, 2003, 986, 169-177.	1.8	69
55	Optimisation of headspace solid-phase microextraction for the analysis of volatile phenols in wine. Journal of Chromatography A, 2003, 995, 11-20.	1.8	106

#	Article	IF	Citations
56	Gas chromatographyâ€"mass spectrometry method for determining the methanol and acetic acid contents of pectin using headspace solid-phase microextraction and stable isotope dilution. Journal of Chromatography A, 2003, 1017, 151-159.	1.8	60
57	Solid-phase microextraction as a clean-up and preconcentration procedure for organochlorine pesticides determination in fish tissue by gas chromatography with electron capture detection. Journal of Chromatography A, 2003, 1017, 35-44.	1.8	56
58	New trends in sample preparation for clinical and pharmaceutical analysis. TrAC - Trends in Analytical Chemistry, 2003, 22, 232-244.	5.8	206
59	Developments in liquid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2003, 22, 565-574.	5.8	548
60	Simple and rapid analysis of endocrine disruptors in liquid medicines and intravenous injection solutions by automated in-tube solid-phase microextraction/high performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2003, 32, 469-478.	1.4	57
61	Aroma dilution method using GC injector split ratio for volatile compounds extracted by headspace solid phase microextraction. Food Chemistry, 2003, 83, 151-158.	4.2	57
62	Identification and quantification of methyl jasmonate in leaf volatiles of Arabidopsis thaliana using solid-phase microextraction in combination with gas chromatography and mass spectrometry. Phytochemical Analysis, 2003, 14, 155-159.	1.2	26
63	Solid-phase microextraction for herbicide determination in environmental samples. Journal of Chromatography A, 2003, 999, 103-121.	1.8	110
64	Miniaturized sample preparation combined with liquid phase separations. Journal of Chromatography A, 2003, 1000, 53-67.	1.8	115
65	Solid-Phase Microextraction Liquid Chromatography/Tandem Mass Spectrometry To Determine Postharvest Fungicides in Fruits. Analytical Chemistry, 2003, 75, 3606-3615.	3.2	67
66	Solid-phase microextraction to monitor the sonochemical degradation of polycyclic aromatic hydrocarbons in water. Journal of Environmental Monitoring, 2003, 5, 135-140.	2.1	33
67	Solid-Phase Microextraction and Gas Chromatography Olfactometry Analysis of Successively Diluted Samples. A New Approach of the Aroma Extract Dilution Analysis Applied to the Characterization of Wine Aroma. Journal of Agricultural and Food Chemistry, 2003, 51, 7861-7865.	2.4	86
68	Comparison of Static Headspace, Headspace Solid Phase Microextraction, Headspace Sorptive Extraction, and Direct Thermal Desorption Techniques on Chemical Composition of French Olive Oils. Journal of Agricultural and Food Chemistry, 2003, 51, 7709-7716.	2.4	170
69	Solid Phase Microextraction (SPME) of Orange Juice Flavor:Â Odor Representativeness by Direct Gas Chromatography Olfactometry (D-GC-O). Journal of Agricultural and Food Chemistry, 2003, 51, 7092-7099.	2.4	118
70	Simultaneous Determination of Ochratoxin A and Cyclopiazonic, Mycophenolic, and Tenuazonic Acids in Cornflakes by Solid-Phase Microextraction Coupled to High-Performance Liquid Chromatography. Journal of Agricultural and Food Chemistry, 2003, 51, 5232-5237.	2.4	57
71	Evaluation of two commercial solid-phase microextraction fibres for the analysis of target aroma compounds in cooked beef meat. Talanta, 2003, 61, 529-537.	2.9	62
72	Assay of Aroma Active Components of Virgin Olive Oils from Southern Italian Regions by SPME-GC/Ion Trap Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2003, 51, 733-741.	2.4	74
73	Aroma Profiling of Leaf, Flower, Peel and In Vitro Embryo Tissues of â€œCiaculli Lateâ€•Mandarin. Journal of Essential Oil-bearing Plants: JEOP, 2003, 6, 97-103.	0.7	1

#	Article	IF	Citations
74	New developments in integrated sample preparation for bioanalysis. Handbook of Analytical Separations, 2003, 4, 1-44.	0.8	1
75	Fast and Easy Multiresidue Method Employing Acetonitrile Extraction/Partitioning and â€œDispersive Solid-Phase Extractionâ€•for the Determination of Pesticide Residues in Produce. Journal of AOAC INTERNATIONAL, 2003, 86, 412-431.	0.7	4,413
76	Analysis of Pesticide Residues in Juice and Beverages. Critical Reviews in Analytical Chemistry, 2004, 34, 121-131.	1.8	15
77	Optimization of headspace solid-phase microextraction conditions for the determination of organophosphorus insecticides in olive oil. International Journal of Environmental Analytical Chemistry, 2004, 84, 3-13.	1.8	20
78	Analysis of Phthalate Contamination in Infusion Solutions by Automated On-Line In-Tube Solid-Phase Microextraction Coupled with High-Performance Liquid Chromatography. Journal of Analytical Toxicology, 2004, 28, 575-580.	1.7	23
79	Solutions and Challenges in Sample Preparation for Chromatography. Journal of Chromatographic Science, 2004, 42, 1-14.	0.7	43
80	A review of theoretical and practical aspects of solid-phase microextraction in food analysis. International Journal of Food Science and Technology, 2004, 39, 703-717.	1.3	174
81	Determination of Volatile Compounds in Wine by Automated Solid-Phase Microextraction and Gas Chromatography. Chromatographia, 2004, 59, .	0.7	13
82	In-Loop Solid-Phase Microextraction Coupled with High Performance Liquid Chromatography. Chromatographia, 2004, 60, 567-572.	0.7	11
83	Potential of SPME-GC and Chemometrics To Detect Adulteration of Soft Fruit PurÃ©es. Journal of Agricultural and Food Chemistry, 2004, 52, 421-427.	2.4	39
84	Applicability of headspace solid-phase microextraction to the determination of multi-class pesticides in waters. Journal of Chromatography A, 2004, 1028, 63-74.	1.8	72
85	Analysis of heterocyclic aromatic amines in foods by gas chromatographyâ€“mass spectrometry as their tert.-butyldimethylsilyl derivatives. Journal of Chromatography A, 2004, 1040, 105-114.	1.8	67
86	Optimisation of the derivatisation reaction and subsequent headspace solid-phase microextraction method for the direct determination of chlorophenols in red wine. Journal of Chromatography A, 2004, 1048, 141-151.	1.8	42
87	Determination of cannabinoids in hemp food products by use of headspace solid-phase microextraction and gas chromatography?mass spectrometry. Analytical and Bioanalytical Chemistry, 2004, 378, 183-189.	1.9	96
88	Determination of ochratoxin A in foods: state-of-the-art and analytical challenges. Analytical and Bioanalytical Chemistry, 2004, 378, 96-103.	1.9	146
89	Multiresidue method using SPME for the determination of various pesticides with different volatility in confined atmospheres. Analytical and Bioanalytical Chemistry, 2004, 379, 476-483.	1.9	29
90	Solid-phase microextraction and gas chromatography?mass spectrometry for rapid characterisation of semi-hard cheeses. Analytical and Bioanalytical Chemistry, 2004, 380, 930-936.	1.9	45
91	Varietal and processing effects on the volatile profile of Australian olive oils. Food Chemistry, 2004, 84, 341-349.	4.2	63

#	Article	IF	Citations
92	Aroma-active compounds ofPinus densi?ora (red pine) needles. Flavour and Fragrance Journal, 2004, 19, 532-537.	1.2	22
93	Solid-phase microextraction: a powerful sample preparation tool prior to mass spectrometric analysis. Journal of Mass Spectrometry, 2004, 39, 233-254.	0.7	496
94	Solid-phase microextraction coupled with high-performance liquid chromatography for the analysis of heterocyclic aromatic amines. Journal of Chromatography A, 2004, 1030, 87-93.	1.8	52
95	Characterization of volatile compounds of French and Spanish virgin olive oils by HS-SPME: Identification of quality-freshness markers. Food Chemistry, 2004, 88, 151-157.	4.2	157
96	Determination of the immunosuppressant mycophenolic acid in human serum by solid-phase microextraction coupled to liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 806, 89-93.	1.2	25
97	Comparison of solid-phase microextraction and stir bar sorptive extraction for determining six organophosphorus insecticides in honey by liquid chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2004, 1030, 77-85.	1.8	178
98	Determination of hexanal as indicator of the lipidic oxidation state in potato crisps using gas chromatography and high-performance liquid chromatography. Journal of Chromatography A, 2004, 1046, 75-81.	1.8	59
99	Optimisation of a headspace solid-phase microextraction method for the direct determination of chloroanisoles related to cork taint in red wine. Journal of Chromatography A, 2004, 1056, 49-56.	1.8	62
100	Single-drop microextraction for the analysis of organophosphorous insecticides in water. Analytica Chimica Acta, 2004, 516, 205-211.	2.6	111
101	Determination of off-flavour compounds in apple juice caused by microorganisms using headspace solid phase microextractionâ€"gas chromatographyâ€"mass spectrometry. Analytica Chimica Acta, 2004, 520, 3-11.	2.6	75
102	Probing the microwave degradation mechanism of phenol-containing polymeric compounds by sample pretreatment and GCâ€"MS analysis. Analytica Chimica Acta, 2004, 526, 121-129.	2.6	7
104	Essential Oil Drugs â€" Terpene Composition of Aromatic Herbs. , 2004, , 73-128.		3
105	Fast Screening Determination of Some Ubiquitous Pesticides with SPME in Water Samples. Analytical Letters, 2004, 37, 1427-1436.	1.0	1
106	Flavor Release and Rheology Behavior of Strawberry Fatfree Stirred Yogurt during Storage. Journal of Agricultural and Food Chemistry, 2004, 52, 3077-3082.	2.4	54
107	Preliminary Studies for the Differentiation of Apple Juice Samples by Chemometric Analysis of Solid-Phase Microextractionâ^'Gas Chromatographic Data. Journal of Agricultural and Food Chemistry, 2004, 52, 6891-6896.	2.4	24
108	Analysis of Pesticide Residues in Juice and Beverages. Critical Reviews in Analytical Chemistry, 2004, 34, 165-175.	1.8	31
109	Sample preparation for the analysis of drugs in biological fluids. Handbook of Analytical Separations, 2004, 5, 1-14.	0.8	6
110	In Situ Derivatization/Solid-Phase Microextraction:â€‰ Determination of Polar Aromatic Amines. Analytical Chemistry, 2004, 76, 1028-1038.	3.2	52

#	Article	IF	Citations
111	Ester Variability in Apple Varieties As Determined by Solid-Phase Microextraction and Gas Chromatographyâˆ'Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2004, 52, 8086-8093.	2.4	58
112	Study of the effect of different fiber coatings and extraction conditions on dry cured ham volatile compounds extracted by solid-phase microextraction (SPME). Talanta, 2004, 64, 458-466.	2.9	87
113	Discriminate analysis of the volatile fraction from â€œTerrinchoâ€•ewe cheese: correlation with flavour characteristics. International Dairy Journal, 2004, 14, 455-464.	1.5	23
114	Composition and Aroma Compounds of Ragusano Cheese: Native Pasture and Total Mixed Rations. Journal of Dairy Science, 2004, 87, 816-830.	1.4	114
115	Identification of biogenic organotellurides in Escherichia coli K-12 headspace gases using solid-phase microextraction and gas chromatography. Analytical Biochemistry, 2004, 331, 106-114.	1.1	21
116	Application of a novel solâ€"gel polydimethylsiloxaneâ€"poly(vinyl alcohol) solid-phase microextraction fiber for gas chromatographic determination of pesticide residues in herbal infusions. Journal of Chromatography A, 2004, 1056, 21-26.	1.8	45
117	Rationalisieren und QualitÃt sichern. Nachrichten Aus Der Chemie, 2004, 52, 496-499.	0.0	0
118	Carbamate Pesticide Residues in Food. Food Additives, 2004, , 1177-1209.	0.1	2
119	Simple and Rapid Determination of Golf Course Pesticides by In-Tube Solid-Phase Microextraction Coupled with Liquid Chromatography. Journal of Health Science, 2005, 51, 526-532.	0.9	12
120	Rapid determination of tramadol in human plasma by headspace solid-phase microextraction and capillary gas chromatographyâ€"mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 143-147.	1.4	67
121	Determination of naproxen in human urine by solid-phase microextraction coupled to liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2005, 39, 643-647.	1.4	93
122	Determination of methyl and ethyl esters of methanesulfonic, benzenesulfonic and p-toluenesulfonic acids in active pharmaceutical ingredients by solid-phase microextraction (SPME) coupled to GC/SIM-MS. Journal of Pharmaceutical and Biomedical Analysis, 2005, 39, 477-485.	1.4	62
123	Analysis of volatile aroma compounds of fresh chilli (Capsicum annuum) during stages of maturity using solid phase microextraction (SPME). Journal of Food Composition and Analysis, 2005, 18, 427-437.	1.9	86
124	A method for the determination of volatile N-nitrosamines in food by HS-SPME-GC-TEA. Food Chemistry, 2005, 91, 173-179.	4.2	76
125	Preparation and application of poly(dimethylsiloxane)/Î²-cyclodextrin solid-phase microextraction membrane. Analytica Chimica Acta, 2005, 543, 17-24.	2.6	64
126	Development of headspace solid-phase microextractionâ€"gas chromatography method for the determination of solvent residues in edible oils and pharmaceuticals. Journal of Chromatography A, 2005, 1071, 119-124.	1.8	25
127	Solâ€"gel approach to in situ creation of high pH-resistant surface-bonded organicâ€"inorganic hybrid zirconia coating for capillary microextraction (in-tube SPME). Journal of Chromatography A, 2005, 1062, 1-14.	1.8	90
128	Fully automated analysis of estrogens in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatographyâ€"tandem mass spectrometry. Journal of Chromatography A, 2005, 1081, 218-224.	1.8	121

#	Article	IF	Citations
129	Simultaneous picogram determination of â€œearthy-mustyâ€•odorous compounds in water using solid-phase microextraction and gas chromatographyâ€“mass spectrometry coupled with initial cool programmable temperature vaporizer inlet. Journal of Chromatography A, 2005, 1098, 7-13.	1.8	37
130	Determination of L-Dopa and L-Dopamine in Aqueous Solutions Using In-Loop SPME Coupled with LC. Chromatographia, 2005, 62, 127-132.	0.7	11
131	Aroma Active Compounds of Bulgogi. Journal of Food Science, 2005, 70, c517.	1.5	7
132	Analysis of enantiomeric and non-enantiomeric monoterpenes in plant emissions using portable dynamic air sampling/solid-phase microextraction (PDAS-SPME) and chiral gas chromatography/mass spectrometry. Atmospheric Environment, 2005, 39, 4875-4884.	1.9	40
133	Determination of flavor components in Sicilian goat cheese by automated HS-SPME-GC. Flavour and Fragrance Journal, 2005, 20, 659-665.	1.2	46
134	Solid phase microextraction of stale flavour volatiles from the headspace of UHT milk. Journal of the Science of Food and Agriculture, 2005, 85, 2421-2428.	1.7	25
135	Optimization of a multi-residue screening method for the determination of 85 pesticides in selected food matrices by stir bar sorptive extraction and thermal desorption GC-MS. Journal of Separation Science, 2005, 28, 1083-1092.	1.3	110
136	Extraction and analysis of differentCannabis samples by headspace solid-phase microextraction combined with gas chromatography-mass spectrometry. Journal of Separation Science, 2005, 28, 2293-2300.	1.3	36
137	Profiling flavor compounds of potato crisps during storage using solid-phase microextraction. Journal of Chromatography A, 2005, 1064, 239-245.	1.8	32
138	Determination of Volatile Compounds in Whiting (Merlangius merlangus) Using Headspace-Solid-Phase Microextraction-Gas Chromatography-Mass Spectrometry. Journal of Chromatographic Science, 2005, 43, 304-312.	0.7	24
139	Chapter 5 Sample introduction techniques. Comprehensive Analytical Chemistry, 2005, , 235-268.	0.7	0
140	A Review on Solid Phase Micro Extractionâ€"High Performance Liquid Chromatography (SPME-HPLC) Analysis of Pesticides. Critical Reviews in Analytical Chemistry, 2005, 35, 71-85.	1.8	161
141	Sensorial Contribution and Formation Pathways of Thiols in Foods: A Review. Food Reviews International, 2005, 21, 69-137.	4.3	115
142	Changes in flavor compounds of dry-cured Chinese Jinhua ham during processing. Meat Science, 2005, 71, 291-299.	2.7	103
143	Solid-phase microextractionâ€"gas chromatography mass spectrometry and multivariate analysis for the characterization of roasted coffees. Talanta, 2005, 66, 261-265.	2.9	52
144	EXTRACTION | Solid-Phase Microextraction. , 2005, , 608-616.		0
146	Rapid analysis of tile industry gaseous emissions by ion mobility spectrometry and comparison with solid phase micro-extraction/gas chromatography/mass spectrometry. Journal of Environmental Monitoring, 2006, 8, 1219.	2.1	15
147	Comparison of the Compositional, Microbiological, Biochemical, and Volatile Profile Characteristics of Nine Italian Ewesâ€™ Milk Cheeses. Journal of Dairy Science, 2006, 89, 4126-4143.	1.4	57

#	Article	IF	Citations
148	Determination of substituted benzenes in water samples by fiber-in-tube liquid phase microextraction coupled with gas chromatography. Talanta, 2006, 68, 945-950.	2.9	19
149	Comparison of Headspace Solid-Phase Microextraction with Simultaneous Steam Distillation Extraction for the Analysis of the Volatile Constituents in Chinese Apricot. Agricultural Sciences in China, 2006, 5, 879-884.	0.6	10
150	Application of Solid-Phase Microextraction for the Analysis of Nitropolycyclic Aromatic Hydrocarbons in Water. Chromatographia, 2006, 63, 85-89.	0.7	21
151	Characterization of Volatile Compounds of Mezcal, an Ethnic Alcoholic Beverage Obtained fromAgave salmiana. Journal of Agricultural and Food Chemistry, 2006, 54, 1337-1341.	2.4	100
152	Ochratoxin A Determination in Beer by Solid-Phase Microextraction Coupled to Liquid Chromatography with Fluorescence Detection:Â A Fast and Sensitive Method for Assessment of Noncompliance to Legal Limits. Journal of Agricultural and Food Chemistry, 2006, 54, 1594-1598.	2.4	37
153	Solid phase microextraction applied to the analysis of organophosphorus insecticides in fruits. Chemosphere, 2006, 65, 2090-2095.	4.2	52
154	Mechanisms of Extraction of Aroma Compounds from Foods, Using Adsorbents. Effect of Various Parameters. Food Reviews International, 2006, 22, 51-94.	4.3	75
155	Analysis of volatile composition of siriguela (Spondias purpurea L.) by solid phase microextraction (SPME). LWT - Food Science and Technology, 2006, 39, 437-443.	2.5	58
156	A review on solid phase microextractionâ€"High performance liquid chromatography as a novel tool for the analysis of toxic metal ions. Talanta, 2006, 68, 842-849.	2.9	115
157	Solid-phase microextraction coupled with capillary electrophoresis to determine ephedrine derivatives in water and urine using a solâ€"gel derived butyl methacrylate/silicone fiber. Talanta, 2006, 68, 979-986.	2.9	55
158	Ultrasound-assisted extraction of volatile compounds from wine samples: Optimisation of the method. Talanta, 2006, 69, 1123-1129.	2.9	41
159	On-site analysis of volatile nitrosamines in food model systems by solid-phase microextraction coupled to a direct extraction device. Talanta, 2006, 70, 1017-1023.	2.9	61
161	Identification of Volatile Organic Compounds from Model Sweetpotato Products Using Different Analytical Methods. , 0, , .		2
162	Determination of Acrylamide Formed in Asparagine/d-Glucose Maillard Model Systems by Using Gas Chromatography with Headspace Solid-Phase Microextraction. Journal of AOAC INTERNATIONAL, 2006, 89, 149-153.	0.7	13
164	Changes in the volatile flavour components of Jinhua ham during the traditional ageing process. International Journal of Food Science and Technology, 2006, 41, 1033-1039.	1.3	24
165	Simple and solvent-free methodology for simultaneous quantification of methanol and acetic acid content of plant polysaccharides based on headspace solid phase microextraction-gas chromatography (HS-SPME-GC-FID). Carbohydrate Polymers, 2006, 64, 306-311.	5.1	29
166	Distribution coefficients of phthalates between absorption fiber and water and its using in quantitative analysis. Analytica Chimica Acta, 2006, 560, 110-117.	2.6	40
167	Distribution coefficients of aliphatic alcohols, carbonyl compounds and esters between air and Carboxen/polydimethylsiloxane fiber coating. Analytica Chimica Acta, 2006, 560, 103-109.	2.6	10

#	Article	IF	Citations
168	Solid-phase microextraction and gas chromatography with atomic emission detection for multiresidue determination of pesticides in honey. Analytica Chimica Acta, 2006, 562, 9-15.	2.6	55
169	Comparison of the volatile compounds of Atractylodes medicinal plants by headspace solid-phase microextraction-gas chromatographyâ€"mass spectrometry. Analytica Chimica Acta, 2006, 570, 73-78.	2.6	52
170	Silicone glue coated stainless steel wire for solid phase microextraction. Analytica Chimica Acta, 2006, 571, 45-50.	2.6	37
171	Application of liquid-phase microextraction to the analysis of trihalomethanes in water. Analytica Chimica Acta, 2006, 575, 138-143.	2.6	51
172	In-needle extraction device designed for gas chromatographic analysis of volatile organic compounds. Journal of Chromatography A, 2006, 1106, 190-195.	1.8	82
173	Molecular characterisation of birch bark tar by headspace solid-phase microextraction gas chromatographyâ€"mass spectrometry: A new way for identifying archaeological glues. Journal of Chromatography A, 2006, 1101, 245-253.	1.8	58
174	Headspace solid-phase microextraction gas chromatographyâ€"mass spectrometry method for the identification of cosmetic ingredients causing delamination of packagings. Journal of Chromatography A, 2006, 1101, 32-37.	1.8	21
175	Automated determination of ethyl carbamate in stone-fruit spirits using headspace solid-phase microextraction and gas chromatographyâ€"tandem mass spectrometry. Journal of Chromatography A, 2006, 1108, 116-120.	1.8	91
176	Application of a single-drop microextraction for the analysis of organophosphorus pesticides in juice. Journal of Chromatography A, 2006, 1114, 269-273.	1.8	123
177	Fast screening of pesticide multiresidues in aqueous samples by dual stir bar sorptive extraction-thermal desorption-low thermal mass gas chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2006, 1130, 83-90.	1.8	94
178	High-throughput analysis of bergamot essential oil by fast solid-phase microextractionâ€"capillary gas chromatographyâ€"flame ionization detection. Journal of Chromatography A, 2006, 1103, 162-165.	1.8	28
179	Solid-phase microextraction coupled with capillary electrophoresis for the determination of propranolol enantiomers in urine using a solâ€"gel derived calix[4]arene fiber. Journal of Chromatography A, 2006, 1104, 359-365.	1.8	71
180	Analytical separation and detection methods for flavonoids. Journal of Chromatography A, 2006, 1112, 31-63.	1.8	563
181	Solid-phase microextractionâ€"gas chromatographicâ€"mass spectrometric analysis of volatile compounds from Curcuma wenyujin Y.H. Chen et C. Ling. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 552-558.	1.4	28
182	Optimization of headspace solid phase microextraction (HS-SPME) for gas chromatography mass spectrometry (GC-MS) analysis of aroma compound in palm sugar (Arenga pinnata). Journal of Food Composition and Analysis, 2006, 19, 822-830.	1.9	46
183	Solid-phase microextraction method for the determination of hexanal in hazelnuts as an indicator of the interaction of active packaging materials with food aroma compounds. Food Additives and Contaminants, 2006, 23, 1236-1241.	2.0	36
184	A Comparison of SnifProbe and SPME for Aroma Sampling. Chromatographia, 2006, 64, 487-493.	0.7	2
185	Development of Electro Solid-Phase Microextraction and Application to Methamphetamine Analysis. Chromatographia, 2006, 65, 45-50.	0.7	20

#	Article	IF	Citations
186	Optimisation of solid-phase microextraction coupled to HPLC-UV for the determination of organochlorine pesticides and their metabolites in environmental liquid samples. Analytical and Bioanalytical Chemistry, 2006, 386, 332-340.	1.9	27
187	Headspace analyses of fresh leaves and stems ofAngelica gigas Nakai, a Korean medicinal herb. Flavour and Fragrance Journal, 2006, 21, 604-608.	1.2	10
188	Optimization of the solid-phase microextraction method in the determination ofIxodes ricinus (L.) volatiles. Journal of Separation Science, 2006, 29, 236-241.	1.3	7
189	Solid-Phase Microextraction Coupled with Liquid Chromatography for Determination of Â-Carotene in Food. Journal of Chromatographic Science, 2006, 44, 354-358.	0.7	1
190	Solid-Phase Microextraction in the Analysis of Food Taints and Off-Flavors. Journal of Chromatographic Science, 2006, 44, 399-415.	0.7	42
191	Direct Extraction of Volatiles of Rice During Cooking Using Solidâ€Phase Microextraction. Cereal Chemistry, 2007, 84, 423-427.	1.1	45
192	The Effect of Freezing Modes and Frozen Storage on Aroma, Enzyme and Micro-organism in Hami Melon. Food Science and Technology International, 2007, 13, 259-267.	1.1	19
193	Recent Developments in Flavor Measurements. , 0, , 293-310.		0
194	Sampling Procedures with Special Focus on Automatization. , 0, , 253-293.		0
195	Trace Analysis of Hop Essential Oils in Spent Hop. Journal of the American Society of Brewing Chemists, 2007, 65, 214-218.	0.8	8
196	Pesticide analysis in herbal infusions by solid-phase microextraction and gas chromatography with atomic emission detection. Talanta, 2007, 71, 1417-1423.	2.9	29
197	Determination of organochlorine pesticides in ground water samples using solid-phase microextraction by gas chromatography-electron capture detection. Talanta, 2007, 72, 1833-1841.	2.9	77
198	Comparison of two extraction methods for evaluation of volatile constituents patterns in commercial whiskeysElucidation of the main odour-active compounds. Talanta, 2007, 74, 78-90.	2.9	38
199	Study on the Influence of Pasture on Volatile Fraction of Ewesâ€™ Dairy Products by Solid-Phase Microextraction and Gas Chromatography-Mass Spectrometry. Journal of Dairy Science, 2007, 90, 556-569.	1.4	39
200	Germania-Based, Solâˆ'Gel Hybrid Organicâˆ'Inorganic Coatings for Capillary Microextraction and Gas Chromatography. Analytical Chemistry, 2007, 79, 9441-9451.	3.2	46
201	Gas chromatographyâ€"mass spectrometry (GCâ€"MS). , 2007, , 419-473.		17
202	Rapid Discrimination of Scented Rice by Solid-Phase Microextraction, Mass Spectrometry, and Multivariate Analysis Used as a Mass Sensor. Journal of Agricultural and Food Chemistry, 2007, 55, 1077-1083.	2.4	65
203	Target and Nontarget Screening of Organic Micropollutants in Water by Solid-Phase Microextraction Combined with Gas Chromatography/High-Resolution Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2007, 79, 9494-9504.	3.2	97

#	Article	IF	Citations
204	Influence of Different Extraction Parameters on a Solid-Phase Dynamic Extraction for the Gas Chromatographic Determination of d-Limonene Degradation Products by Using a Fractional Factorial Design. Journal of AOAC INTERNATIONAL, 2007, 90, 1623-1627.	0.7	7
205	Analysis of Volatile Compounds from Sweetpotato Breads using Gas-Chromatography and Solid Phase Microextraction. , 2007, , .		1
207	Multiple pesticide analysis in wine by MEKC combined with solidâ€phase microextraction and sample stacking. Electrophoresis, 2007, 28, 4072-4081.	1.3	33
208	Factors affecting solid phase microextraction (SPME) to concentrate the odorants of Chinese white salted noodles for GCâ€"MS analysis. Flavour and Fragrance Journal, 2007, 22, 274-279.	1.2	7
209	Classification of Wines Based on Combination of ¹H NMR Spectroscopy and Principal Component Analysis. Chinese Journal of Chemistry, 2007, 25, 930-936.	2.6	36
210	Simultaneous headspace solid phase microextraction analysis of off-flavour compounds fromQuercus suber L. cork. Journal of the Science of Food and Agriculture, 2007, 87, 632-640.	1.7	15
211	Solid phase microextractionâ€"comprehensive two-dimensional gas chromatographyâ€"time-of-flight mass spectrometry for the analysis of honey volatiles. Journal of Separation Science, 2007, 30, 534-546.	1.3	81
212	Aromagrams â€" Aromatic profiles in the appreciation of food quality. Food Chemistry, 2007, 101, 845-872.	4.2	121
213	A review of volatile analytical methods for determining the botanical origin of honey. Food Chemistry, 2007, 103, 1032-1043.	4.2	217
214	Profiles of volatile compounds from some monovarietal Tunisian virgin olive oils. Comparison with French PDO. Food Chemistry, 2007, 103, 467-476.	4.2	68
215	HS-SPME coupled to GC/MS for quality control of Juniperus communis L. berries used for gin aromatization. Food Chemistry, 2007, 105, 1748-1754.	4.2	49
216	Rapid gas chromatographic method for the determination of famoxadone, trifloxystrobin and fenhexamid residues in tomato, grape and wine samples. Journal of Chromatography A, 2007, 1150, 208-214.	1.8	76
217	Quantitative determination of wine highly volatile sulfur compounds by using automated headspace solid-phase microextraction and gas chromatography-pulsed flame photometric detection. Journal of Chromatography A, 2007, 1143, 8-15.	1.8	86
218	Analysis of abietic acid and dehydroabietic acid in food samples by in-tube solid-phase microextraction coupled with liquid chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2007, 1146, 61-66.	1.8	33
219	Sample preparation techniques for the determination of trace residues and contaminants in foods. Journal of Chromatography A, 2007, 1153, 36-53.	1.8	311
220	Rapid headspace solid-phase microextractionâ€"gas chromatographicâ€"time-of-flight mass spectrometric method for qualitative profiling of ice wine volatile fraction. Journal of Chromatography A, 2007, 1147, 241-253.	1.8	32
221	Rapid headspace solid-phase microextractionâ€"gas chromatographicâ€"time-of-flight mass spectrometric method for qualitative profiling of ice wine volatile fraction. Journal of Chromatography A, 2007, 1147, 213-223.	1.8	73
222	Recent developments in headspace microextraction techniques for the analysis of environmental contaminants in different matrices. Journal of Chromatography A, 2007, 1152, 70-96.	1.8	138

#	Article	IF	Citations
223	Determination of isophorone in food samples by solid-phase microextraction coupled with gas chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2007, 1155, 100-104.	1.8	17
224	Preparation and evaluation of hydroxylated poly(glycidyl methacrylate-co-ethylene dimethacrylate) monolithic capillary for in-tube solid-phase microextraction coupled to high-performance liquid chromatography. Journal of Chromatography A, 2007, 1160, 90-98.	1.8	48
225	Hybrid organicâ€"inorganic octyl monolithic column for in-tube solid-phase microextraction coupled to capillary high-performance liquid chromatography. Journal of Chromatography A, 2007, 1164, 48-55.	1.8	77
226	Preparation and evaluation of solid-phase microextraction fibers based on monolithic molecularly imprinted polymers for selective extraction of diacetylmorphine and analogous compounds. Journal of Chromatography A, 2007, 1166, 16-23.	1.8	126
227	Optimization of solid-phase microextraction of volatile phenols in water by a polyaniline-coated Pt-fiber using experimental design. Analytica Chimica Acta, 2007, 581, 71-77.	2.6	80
228	Determination of acrylamide in food by solid-phase microextraction coupled to gas chromatographyâ€"positive chemical ionization tandem mass spectrometry. Analytica Chimica Acta, 2007, 582, 19-23.	2.6	61
229	Headspace solid-phase microextraction of phthalic acid esters from vegetable oil employing solvent based matrix modification. Analytica Chimica Acta, 2007, 582, 24-33.	2.6	137
230	A new liquid-phase microextraction method based on solidification of floating organic drop. Analytica Chimica Acta, 2007, 585, 286-293.	2.6	475
231	Enrichment of phenols from water with in-situ derivatization by in-tube solid phase microextractionâ€"solvent desorption prior to off-line gas chromatographic determination with large-volume injection. Analytica Chimica Acta, 2007, 588, 64-72.	2.6	37
232	Sample handling strategies for the determination of persistent trace organic contaminants from biota samples. Analytica Chimica Acta, 2007, 590, 1-16.	2.6	95
233	Extracting syringe for extraction of phthalate esters in aqueous environmental samples. Analytica Chimica Acta, 2007, 594, 240-247.	2.6	15
234	Chemical analysis of French beans (Phaseolus vulgaris L.) by headspace solid phase microextraction (HS-SPME) and simultaneous distillation/extraction (SDE). Food Chemistry, 2007, 101, 1279-1284.	4.2	59
235	Study of volatile organic acids in freeze-dried Cheonggukjang formed during fermentation using SPME and stable-isotope dilution assay (SIDA). Food Chemistry, 2007, 105, 1276-1280.	4.2	26
236	Determination of cortisol in human saliva by automated in-tube solid-phase microextraction coupled with liquid chromatographyâ€"mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 160-165.	1.4	80
237	Analysis of the volatile compounds in Ligusticum chuanxiong Hort. using HS-SPMEâ€"GC-MS. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 464-470.	1.4	73
238	Delamination of multilayer packaging caused by exfoliating cream ingredients. Packaging Technology and Science, 2007, 20, 173-182.	1.3	7
239	Trends in solventless sample preparation techniques for environmental analysis. Journal of Proteomics, 2007, 70, 275-288.	2.4	127
240	Sampling volatile compounds from natural products with headspace/solid-phase micro-extraction. Journal of Proteomics, 2007, 70, 235-242.	2.4	78

#	Article	IF	Citations
241	Current trends in solid-phase-based extraction techniques for the determination of pesticides in food and environment. Journal of Proteomics, 2007, 70, 117-131.	2.4	201
242	Simultaneous Determination of Phytohormones in Plant Extracts using SPME and HPLC. Chromatographia, 2007, 66, 515-520.	0.7	86
243	Solid-phase microextraction of benzimidazole fungicides in environmental liquid samples and HPLCâ€"fluorescence determination. Analytical and Bioanalytical Chemistry, 2007, 387, 1957-1963.	1.9	53
244	Methods of sample preparation for determination of pesticide residues in food matrices by chromatographyâ€"mass spectrometry-based techniques: a review. Analytical and Bioanalytical Chemistry, 2007, 389, 1663-1683.	1.9	185
245	Determination of clenbuterol in human urine and serum by solid-phase microextraction coupled to liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2008, 47, 641-645.	1.4	62
246	Application of head-space solid-phase microextraction coupled to comprehensive two-dimensional gas chromatographyâ€"time-of-flight mass spectrometry for the determination of multiple pesticide residues in tea samples. Analytica Chimica Acta, 2008, 611, 163-172.	2.6	94
247	Analytical methods applied to the determination of heterocyclic aromatic amines in foods. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 862, 15-42.	1.2	92
248	Application of solid phase extraction techniques to analyse volatile compounds in wines and other enological products. European Food Research and Technology, 2008, 228, 1-18.	1.6	76
249	Trace level determination of trichloroethylene in biological samples by headspace solidâ€phase microextraction gas chromatography/negative chemical ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 797-806.	0.7	10
250	Solidâ€phase microextraction for determining twelve orange flavour compounds in a model beverage emulsion. Phytochemical Analysis, 2008, 19, 429-437.	1.2	8
251	Determination of volatile and nonâ€volatile products of milk fermentation processes using capillary zone electrophoresis and solid phase microextraction coupled to gas chromatography. Journal of Separation Science, 2008, 31, 2707-2713.	1.3	18
252	Analysis of volatiles in dehydrated carrot samples by solidâ€phase microextraction followed by GCâ€MS. Journal of Separation Science, 2008, 31, 3548-3555.	1.3	32
253	SPMEâ€"GC determination of potential volatile organic leachables in aqueous-based pharmaceutical formulations packaged in overwrapped LDPE vials. Journal of Pharmaceutical and Biomedical Analysis, 2008, 47, 526-534.	1.4	14
254	Extraction and determination of organophosphorus pesticides in water samples by a new liquid phase microextractionâ€"gas chromatographyâ€"flame photometric detection. Analytica Chimica Acta, 2008, 606, 202-208.	2.6	145
255	Vinegar classification based on feature extraction and selection from headspace solid-phase microextraction/gas chromatography volatile analyses: A feasibility study. Analytica Chimica Acta, 2008, 608, 38-47.	2.6	48
256	Headspace solid-phase microextractionâ€"gas chromatographicâ€"time-of-flight mass spectrometric methodology for geographical origin verification of coffee. Analytica Chimica Acta, 2008, 617, 72-84.	2.6	128
257	Gas chromatographyâ€"olfactometry in food flavour analysis. Journal of Chromatography A, 2008, 1186, 123-143.	1.8	214
258	Sample preparation. Journal of Chromatography A, 2008, 1184, 191-219.	1.8	291

#	Article	IF	Citations
259	Analysis of tetramethylene disulfotetramine in foods using solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2008, 1192, 36-40.	1.8	33
260	Optimization of headspace solid-phase microextraction for the analysis of specific flavors in enzyme modified and natural Cheddar cheese using factorial design and response surface methodology. Journal of Chromatography A, 2008, 1195, 16-24.	1.8	54
261	Coupling the extraction efficiency of imidazolium-based ionic liquid aggregates with solid-phase microextraction-gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2008, 1214, 23-29.	1.8	33
262	Sample preparation optimization in wine and grapes. Journal of Chromatography A, 2008, 1192, 25-35.	1.8	24
263	Comparison of headspace-SPME-GCâ€“MS and LCâ€“MS for the detection and quantification of coumarin, vanillin, and ethyl vanillin in vanilla extract products. Food Chemistry, 2008, 107, 1701-1709.	4.2	72
264	Analysis of volatile compounds in traditional smoke-cured bacon(CSCB) with different fiber coatings using SPME. Food Chemistry, 2008, 110, 233-238.	4.2	98
265	Study of the volatile components of a candied plum and estimation of their contribution to the aroma. Food Chemistry, 2008, 111, 897-905.	4.2	52
266	Determination of Antioxidants and Preservatives in Cosmetics by SPME Combined with GCâ€“MS. Chromatographia, 2008, 67, 425-431.	0.7	51
267	In-Groove Carbon Nanotubes Device for SPME of Aromatic Hydrocarbons. Chromatographia, 2008, 67, 599-605.	0.7	21
268	Volatile component change in whey protein concentrate during storage investigated by headspace solid-phase microextraction gas chromatography. Dairy Science and Technology, 2008, 88, 95-104.	2.2	32
269	Flavor Volatiles of Rice During Cooking Analyzed by Modified Headspace SPME/GCâ€MS. Cereal Chemistry, 2008, 85, 140-145.	1.1	53
270	Feasibility of detection and quantification of gas-phase carbonyls in indoor environments using PFBHA derivatization and solid-phase microextraction (SPME). Journal of Environmental Monitoring, 2008, 10, 853.	2.1	14
271	Solidâ€Phase Microextraction (SPME) followed by Onâ€Fiber Derivatization of Solasodine and Solanidine Aglycones of Steroidal Glycoalkaloids. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 1132-1146.	0.5	3
272	Volatile Sulphur Compounds in UHT Milk. Critical Reviews in Food Science and Nutrition, 2008, 49, 28-47.	5.4	85
273	Ethyl Carbamate (Urethane). , 0, , 283-319.		0
274	Biomedical sampling. , 2008, , 37-59.		2
275	Analysis of Mono- and Polycyclic Aromatic Hydrocarbons Using Solid-Phase Microextraction: State-of-the-Art. Energy & Fuels, 2008, 22, 1425-1438.	2.5	35
276	Evaluation of solid-phase micro-extraction coupled to gas chromatographyâ€“mass spectrometry for the headspace analysis of volatile compounds in cocoa products. Talanta, 2008, 74, 1166-1174.	2.9	82

#	Article	IF	Citations
277	Enantioselective determination of the organochlorine pesticide bromocyclen in spiked fish tissue using solid-phase microextraction coupled to gas chromatography with ECD and ICPâ€"MS detection. Talanta, 2008, 75, 710-716.	2.9	22
278	Characterization of Volatiles in Unhopped Wort. Journal of Agricultural and Food Chemistry, 2008, 56, 246-254.	2.4	39
279	Flavor Volatiles in Three Rice Cultivars with Low Levels of Digestible Protein During Cooking. Cereal Chemistry, 2008, 85, 689-695.	1.1	10
280	Ultrasonic assisted SPME Coupled with GC and GC--MS using Pencil Lead as a Fiber for Monitoring the Organic Volatile Impurities of Ceftazidime. Journal of Chromatographic Science, 2008, 46, 680-685.	0.7	11
281	Optimization of Headspace Solid-Phase Microextraction for the Determination of Pesticide Residues in Vegetables and Fruits. Analytical Sciences, 2008, 24, 273-276.	0.8	29
282	Microextraction Methods in Food Analysis. , 2008, , .		1
283	Characterization of Aroma Active Compounds in Fruit Juice and Peel Oil of Jinchen Sweet Orange Fruit (Citrus sinensis (L.) Osbeck) by GC-MS and GC-O. Molecules, 2008, 13, 1333-1344.	1.7	167
284	Assessment of the authenticity of fruit spirits by gas chromatography and stable isotope ratio analyses. Czech Journal of Food Sciences, 2008, 26, 368-375.	0.6	41
285	Benzene. , 0, , 413-444.		1
286	Solid Phase Microextraction with On-fiber Derivatization for the Determination of trans-Resveratrol in Iowa Red Wines. , 2008, , .		0
289	Analytical Challenges and Recent Advances in the Determination of Estrogens in Water Environments. Journal of Chromatographic Science, 2009, 47, 127-139.	0.7	45
290	Comparison of HS-SDME with SPME and SPE for the Determination of Eight Organochlorine and Organophosphorus Pesticide Residues in Food Matrices. Journal of Chromatographic Science, 2009, 47, 694-699.	0.7	27
291	Comparison of membrane assisted solvent extraction, stir bar sorptive extraction, and solid phase microextraction in analysis of tetramine in food. Journal of Separation Science, 2009, 32, 1081-1086.	1.3	19
292	Characterization of volatile substances in apples from Rosaceae family by headspace solidâ€phase microextraction followed by GCâ€qMS. Journal of Separation Science, 2009, 32, 1875-1888.	1.3	80
293	Preparation of a poly(Nâ€isopropylacrylamideâ€coâ€ethylene dimethacrylate) monolithic capillary and its application for inâ€tube solidâ€phase microextracâ€tion coupled to highâ€performance liquid chromatography. Journal of Separation Science, 2009, 32, 2592-2600.	1.3	49
294	In situ solvent formation microextraction based on ionic liquids: A novel sample preparation technique for determination of inorganic species in saline solutions. Analytica Chimica Acta, 2009, 634, 186-191.	2.6	194
295	Study of odor compounds in gaseous effluents generated during production of poultry feather and viscera meal using headspace solid phase microextraction. Environmental Monitoring and Assessment, 2009, 158, 355-363.	1.3	5
296	Analysis of biological samples using solid-phase microextraction. Bioanalytical Reviews, 2009, 1, 35-55.	0.1	12

#	Article	IF	Citations
297	Recent developments in solid-phase microextraction. Analytical and Bioanalytical Chemistry, 2009, 393, 781-795.	1.9	339
298	Headspace solid-phase microextractionâ€"gas chromatographyâ€"mass spectrometry analysis of the volatile components of longan (Dimocarpus longan Lour.). European Food Research and Technology, 2009, 229, 457-465.	1.6	29
299	Pattern recognition and genetic algorithms for discrimination of orange juices and reduction of significant components from headspace solidâ€phase microextraction. Phytochemical Analysis, 2009, 20, 402-407.	1.2	13
300	Volatile fraction of DOP â€œCastelo Brancoâ€•cheese: Influence of breed. Food Chemistry, 2009, 112, 1053-1059.	4.2	45
301	Establishment of the volatile profile of â€˜Bravo de Esmolfeâ€™ apple variety and identification of varietal markers. Food Chemistry, 2009, 113, 513-521.	4.2	38
302	Characterising the release of flavour compounds from chewing gum through HS-SPME analysis and mathematical modelling. Food Chemistry, 2009, 114, 852-858.	4.2	32
303	Volatiles of grape berries evaluated at the germplasm level by headspace-SPME with GCâ€"MS. Food Chemistry, 2009, 114, 1106-1114.	4.2	111
304	Comparison of suitability of SPME, SAFE and SDE methods for isolation of flavor compounds from extruded potato snacks. Journal of Food Composition and Analysis, 2009, 22, 606-612.	1.9	95
305	Determination of nicotine, cotinine, and related alkaloids in human urine and saliva by automated in-tube solid-phase microextraction coupled with liquid chromatographyâ€"mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 108-114.	1.4	131
306	Analytical methods for the determination of bisphenol A in food. Journal of Chromatography A, 2009, 1216, 449-469.	1.8	351
307	Rapid determination of trans-resveratrol in red wine by solid-phase microextraction with on-fiber derivatization and multidimensional gas chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2009, 1216, 281-287.	1.8	62
308	Preparation of solid-phase microextraction fiber coated with single-walled carbon nanotubes by electrophoretic deposition and its application in extracting phenols from aqueous samples. Journal of Chromatography A, 2009, 1216, 1305-1311.	1.8	134
309	Preparation of magnetic molecularly imprinted polymer for the separation of tetracycline antibiotics from egg and tissue samples. Journal of Chromatography A, 2009, 1216, 3710-3719.	1.8	228
310	Determination of patulin in fruit juice and dried fruit samples by in-tube solid-phase microextraction coupled with liquid chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2009, 1216, 3746-3750.	1.8	67
311	Determination of aflatoxins in food samples by automated on-line in-tube solid-phase microextraction coupled with liquid chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2009, 1216, 4416-4422.	1.8	135
312	Determination of carbonyl compounds in beer by derivatisation and headspace solid-phase microextraction in combination with gas chromatography and mass spectrometry. Journal of Chromatography A, 2009, 1216, 5061-5068.	1.8	86
313	Determining the stoichiometry and binding constants of inclusion complexes formed between aromatic compounds and Î²-cyclodextrin by solid-phase microextraction coupled to high-performance liquid chromatography. Journal of Chromatography A, 2009, 1216, 5242-5248.	1.8	34
314	Preparation and evaluation of molecularly imprinted solid-phase microextraction fibers for selective extraction of bisphenol A in complex samples. Journal of Chromatography A, 2009, 1216, 5647-5654.	1.8	90

#	Article	IF	Citations
315	Multidimensional chromatography in food analysis. Journal of Chromatography A, 2009, 1216, 7110-7129.	1.8	99
316	Gas flow headspace liquid phase microextraction. Journal of Chromatography A, 2009, 1216, 7694-7699.	1.8	26
317	Rapid tool for assessment of C13 norisoprenoids in wines. Journal of Chromatography A, 2009, 1216, 8398-8403.	1.8	11
318	Effects of supercritical CO2 and N2O pasteurisation on the quality of fresh apple juice. Food Chemistry, 2009, 115, 129-136.	4.2	101
319	Volatile composition of hybrids Citrus juices by headspace solid-phase micro extraction/gas chromatography/mass spectrometry. Food Chemistry, 2009, 116, 382-390.	4.2	60
320	Validation of a headspace solid-phase microextraction procedure with gas chromatography-electron capture detection of pesticide residues in fruits and vegetables. Food Chemistry, 2009, 117, 561-567.	4.2	76
321	Headspace solid phase microextraction and gas chromatographyâ€"quadrupole mass spectrometry methodology for analysis of volatile compounds of marine salt as potential origin biomarkers. Analytica Chimica Acta, 2009, 635, 167-174.	2.6	24
322	Alternative GCâ€"MS approaches in the analysis of substituted pyrazines and other volatile aromatic compounds formed during Maillard reaction in potato chips. Analytica Chimica Acta, 2009, 641, 101-109.	2.6	45
323	Capillary microextraction (CME) and its application to trace elements analysis and their speciation. Analytica Chimica Acta, 2009, 650, 23-32.	2.6	30
324	Developments and applications of capillary microextraction techniques: A review. Analytica Chimica Acta, 2009, 655, 8-29.	2.6	162
325	Cyanopropyl Bonded-Phase Cartridges for Trace Enrichment of Dioxins and Chlorinated Pesticides from Water Samples. Chromatographia, 2009, 69, 709-717.	0.7	15
326	Furan in Commercially Processed Foods: Four-Year Field Monitoring and Risk Assessment Study in Korea. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1304-1310.	1.1	25
327	Automated headspace solid-phase microextraction versus headspace for the analysis of furan in foods by gas chromatographyâ€"mass spectrometry. Talanta, 2009, 78, 1315-1320.	2.9	30
328	Optimization of summer truffle aroma analysis by SPME: Comparison of extraction with different polarity fibres. LWT - Food Science and Technology, 2009, 42, 1253-1259.	2.5	36
329	Microwave/SPME method to quantify pesticide residues in tomato fruits. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2009, 44, 415-422.	0.7	18
335	Solid-phase microextraction (SPME) calibration using inkjet microdrop printing for direct loading of known analyte mass on to SPME fibers. Analytical and Bioanalytical Chemistry, 2010, 398, 1049-1060.	1.9	9
336	A new polyethylene glycol fiber prepared by coating porous zinc electrodeposited onto silver for solid-phase microextraction of styrene. Analytica Chimica Acta, 2010, 664, 49-55.	2.6	44
337	Solid-phase microextraction of phthalate esters from aqueous media by electrochemically deposited carbon nanotube/polypyrrole composite on a stainless steel fiber. Analytica Chimica Acta, 2010, 669, 32-38.	2.6	134

#	Article	IF	Citations
338	Quantification of 2-acetyl-1-pyrroline in rice by stable isotope dilution assay through headspace solid-phase microextraction coupled to gas chromatographyâ€“tandem mass spectrometry. Analytica Chimica Acta, 2010, 675, 148-155.	2.6	68
339	Innovative chemically bonded ionic liquids-based solâ€“gel coatings as highly porous, stable and selective stationary phases for solid phase microextraction. Analytica Chimica Acta, 2010, 683, 96-106.	2.6	65
340	Determination of polycyclic aromatic hydrocarbons in food samples by automated on-line in-tube solid-phase microextraction coupled with high-performance liquid chromatography-fluorescence detection. Journal of Chromatography A, 2010, 1217, 5555-5563.	1.8	177
342	Solid-Phase Microextraction Coupled to Fast Gas Chromatography for the Determination of Migrants from Polystyrene-Packaging Materials into Yoghurt. Food Analytical Methods, 2010, 3, 80-84.	1.3	24
343	Quantification and potential aroma contribution of Î²â€ionone in marine salt. Flavour and Fragrance Journal, 2010, 25, 93-97.	1.2	7
344	Sample preparation methods for the determination of pesticides in foods using CEâ€UV/MS. Electrophoresis, 2010, 31, 2115-2125.	1.3	51
345	CE and CEC of nucleosides and nucleotides in food materials. Electrophoresis, 2010, 31, 2092-2105.	1.3	28
346	A new open tubular capillary microextraction and sweeping for the analysis of super low concentration of hydrophobic compounds. Journal of Separation Science, 2010, 33, 3221-3230.	1.3	11
347	Improving the knowledge on Piper betle: Targeted metabolite analysis and effect on acetylcholinesterase. Journal of Separation Science, 2010, 33, 3168-3176.	1.3	20
348	Profiling volatile compounds from Mucuna beans by solid phase microextraction and gas chromatography-high resolution time of flight mass spectrometry. Food Chemistry, 2010, 119, 386-390.	4.2	9
349	Headspace solid-phase microextraction for the evaluation of pesticide residue contents in cucumber and strawberry after washing treatment. Food Chemistry, 2010, 123, 760-764.	4.2	87
350	Characterisation of the mushroom-like flavour of Melittis melissophyllum L. subsp. melissophyllum by headspace solid-phase microextraction (HS-SPME) coupled with gas chromatography (GCâ€“FID) and gas chromatographyâ€“mass spectrometry (GCâ€“MS). Food Chemistry, 2010, 123, 983-992.	4.2	46
351	Rapid determination of 95 pesticides in soybean oil using liquidâ€“liquid extraction followed by centrifugation, freezing and dispersive solid phase extraction as cleanup steps and gas chromatography with mass spectrometric detection. Microchemical Journal, 2010, 95, 113-119.	2.3	91
352	Optimisation of specialty malt volatile analysis by headspace solid-phase microextraction in combination with gas chromatography and mass spectrometry. Analytica Chimica Acta, 2010, 671, 55-60.	2.6	24
353	Simultaneous optimization of the microextraction of coffee volatiles using response surface methodology and principal component analysis. Chemometrics and Intelligent Laboratory Systems, 2010, 102, 45-52.	1.8	70
354	Profiling analysis of volatile compounds from fruits using comprehensive two-dimensional gas chromatography and image processing techniques. Journal of Chromatography A, 2010, 1217, 565-574.	1.8	83
355	Recognition of beer brand based on multivariate analysis of volatile fingerprint. Journal of Chromatography A, 2010, 1217, 4195-4203.	1.8	142
356	Simultaneous determination of UV filters and polycyclic musks in aqueous samples by solid-phase microextraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2010, 1217, 6747-6753.	1.8	78

#	Article	IF	Citations
357	Comparative study of two extraction techniques to obtain representative aroma extracts for being analysed by gas chromatographyâ€"olfactometry: Application to roasted pistachio aroma. Journal of Chromatography A, 2010, 1217, 7781-7787.	1.8	36
358	Analysis of furan in heat-processed foods consumed in Korea using solid phase microextractionâ€"gas chromatography/mass spectrometry (SPMEâ€"GC/MS). Food Chemistry, 2010, 123, 1328-1333.	4.2	46
359	Original article: Effects of continuous denseâ€phase CO₂ system on antioxidant capacity and volatile compounds of apple juice. International Journal of Food Science and Technology, 2010, 45, 1821-1827.	1.3	21
360	Protocol for solid-phase microextraction method development. Nature Protocols, 2010, 5, 122-139.	5.5	247
361	Protocol for the development of automated high-throughput SPMEâ€"GC methods for the analysis of volatile and semivolatile constituents in wine samples. Nature Protocols, 2010, 5, 162-176.	5.5	46
363	Volatile Organic Components of Fresh Leaves as Indicators of Indigenous and Cultivated Citrus Species in Taiwan. Bioscience, Biotechnology and Biochemistry, 2010, 74, 806-811.	0.6	37
364	Headspace solid-phase microextraction analysis of volatile compounds in hawthorn vinegars fermented by two strains of Acetobacter. , 2010, , .		2
365	New Trends in Sample Preparation for Analysis of Plant-Derived Medicines. Current Organic Chemistry, 2010, 14, 1698-1713.	0.9	23
366	SAMPLE PREPARATION FOR TRACE ANALYSIS BY CHROMATOGRAPHIC METHODS. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1174-1207.	0.5	20
367	Electrically assisted solid-phase microextraction combined with liquid chromatographyâ€"mass spectrometry for determination of parathion in water. Talanta, 2010, 82, 766-770.	2.9	22
368	Chemical and Instrumental Approaches to Cheese Analysis. Advances in Food and Nutrition Research, 2010, 59, 167-213.	1.5	8
369	Food and Food Products. , 2010, , 13-268.		0
370	TRENDS IN EDIBLE VEGETABLE OILS ANALYSIS. PART B. APPLICATION OF DIFFERENT ANALYTICAL TECHNIQUES. Polish Journal of Food and Nutrition Sciences, 2011, 61, 89-99.	0.6	13
371	Determination of 24 Pesticide Residues in Fortified Wines by Solid-Phase Microextraction and Gas Chromatographyâ€"Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2011, 59, 6847-6855.	2.4	39
372	Effect of a Hay-Based Diet or Different Upland Grazing Systems on Milk Volatile Compounds. Journal of Agricultural and Food Chemistry, 2011, 59, 4947-4954.	2.4	70
375	Application of Sensory and Instrumental Volatile Analyses to Dairy Products. Annual Review of Food Science and Technology, 2011, 2, 395-421.	5.1	26
376	Methods of sample preparation for determination of veterinary residues in food matrices by porous monolith microextraction-based techniques. Analytical Methods, 2011, 3, 1246.	1.3	24
377	Analysis of Mars analogue soil samples using solid-phase microextraction, organic solvent extraction and gas chromatography/mass spectrometry. International Journal of Astrobiology, 2011, 10, 209-219.	0.9	19

#	Article	IF	Citations
378	Greening Sample Treatments. Comprehensive Analytical Chemistry, 2011, 57, 87-120.	0.7	23
379	Determination of Geosmin and 2-Methylisoborneol in Water by Headspace Liquid-Phase Microextraction Coupled with Gas Chromatography-Mass Spectrometry. Analytical Letters, 2011, 44, 1544-1557.	1.0	18
381	A new method based on headspace adsorptive accumulation using a carboxylated multi-walled carbon nanotubes modified electrode: application for trace determination of nitrobenzene and nitrotoluene in water and wastewater. Analytical Methods, 2011, 3, 2593.	1.3	28
382	Development of a quantitative method for headspace analysis of methylsulfanyl-volatiles from kiwifruit tissue. Food Research International, 2011, 44, 1331-1338.	2.9	12
383	Heat-induced volatiles and odour-active compounds in a model cheese. International Dairy Journal, 2011, 21, 806-814.	1.5	12
384	Temperature-response polymer coating for in-tube solid-phase microextraction coupled to high-performance liquid chromatography. Talanta, 2011, 84, 1019-1025.	2.9	32
385	Electrosorption-enhanced solid-phase microextraction of trace anions using a platinum plate coated with single-walled carbon nanotubes. Talanta, 2011, 85, 1148-1153.	2.9	46
386	Determination of endocrine-disrupting compounds in water by carbon nanotubes solid-phase microextraction fiber coupled online with high performance liquid chromatography. Talanta, 2011, 85, 2212-2217.	2.9	42
387	Determination of pesticides in river water using rotating disk sorptive extraction and gas chromatographyâ€“mass spectrometry. Talanta, 2011, 85, 2425-2429.	2.9	55
388	Solid-phase microextraction for analysis of mould cheese aroma. Czech Journal of Food Sciences, 2006, 24, 268-274.	0.6	20
389	A Solid-Phase Microextraction GC/MS/MS Method for Rapid Quantitative Analysis of Food and Beverages for the Presence of Legally Restricted Biologically Active Flavorings. Journal of AOAC INTERNATIONAL, 2011, 94, 1189-1199.	0.7	13
390	Flavor of Wine. , 2011, , 281-312.		2
391	Development of a SPME-GC-MS method for spoilage detection in case of plums inoculated withPenicillium expansum. Acta Alimentaria, 2011, 40, 188-197.	0.3	8
392	Changes in volatile flavour compounds in field pea cultivars as affected by storage conditions. International Journal of Food Science and Technology, 2011, 46, 2408-2419.	1.3	50
393	Evaluation of the chemical, microbiological and volatile aroma characteristics of Ispir Kaymak, a traditional Turkish dairy product. International Journal of Dairy Technology, 2011, 64, 444-450.	1.3	13
394	COMPARISON OF VOLATILE COMPOUND COMPOSITION OF CINNAMON (CINNAMOMUM CASSIA) Tj ETQq1 1 0.784314 rgBT /Over Journal of Food Process Engineering, 2011, 34, 175-185.	1.5	15
395	Comparison of Fermented Soybean Paste (Doenjang) Prepared by Different Methods Based on Profiling of Volatile Compounds. Journal of Food Science, 2011, 76, C368-79.	1.5	90
396	Changes in Volatile Compounds of Peanut Oil during the Roasting Process for Production of Aromatic Roasted Peanut Oil. Journal of Food Science, 2011, 76, C404-12.	1.5	115

#	Article	IF	Citations
397	Determination of Volatile Compounds in Apple Pomace by Stir Bar Sorptive Extraction and Gas Chromatographyâ€Mass Spectrometry (SBSEâ€GCâ€MS). Journal of Food Science, 2011, 76, C1326-34.	1.5	32
398	Factors That Affect the Content of Heterocyclic Aromatic Amines in Foods. Comprehensive Reviews in Food Science and Food Safety, 2011, 10, 52-108.	5.9	215
399	Solid-phase microextraction. How far are we from clinical practice?. TrAC - Trends in Analytical Chemistry, 2011, 30, 1505-1512.	5.8	42
400	Determination of arsenic and selenium by hydride generation and headspace solid phase microextraction coupled with optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 517-521.	1.5	32
401	Direct determination of 2,4,6-tricholoroanisole in wines by single-drop ionic liquid microextraction coupled with multicapillary column separation and ion mobility spectrometry detection. Journal of Chromatography A, 2011, 1218, 7574-7580.	1.8	35
402	Quantification of Volatile Compounds in Chinese Ciders by Stir Bar Sorptive Extraction (SBSE) and Gas Chromatography-Mass Spectrometry (GC-MS). Journal of the Institute of Brewing, 2011, 117, 61-66.	0.8	27
403	Development of a single kernel analysis method for detection of 2-acetyl-1-pyrroline in aromatic rice germplasm. Sensing and Instrumentation for Food Quality and Safety, 2011, 5, 147-154.	1.5	7
404	Analysis of odor constituents of Melodorum fruticosum flowers by solid-phase microextraction-gas chromatography-mass spectrometry. Chemistry of Natural Compounds, 2011, 47, 292-294.	0.2	4
405	Optimization of Modern Analytical SPME and SPDE Methods for Determination of Trans-2-nonenal in Barley, Malt and Beer. Chromatographia, 2011, 73, 157-161.	0.7	22
406	Electrospun Nanofibers Sorbents for Pre-Concentration of 1,1-dichloro-2,2 bis-(4-chlorophenyl)ethylene with Subsequent Desorption by Pressurized Hot Water Extraction. Chromatographia, 2011, 73, 1015-1020.	0.7	12
407	Solventless sample preparation techniques based on solid- and vapour-phase extraction. Analytical and Bioanalytical Chemistry, 2011, 399, 277-300.	1.9	38
408	Preparation of an immunoaffinity column and its application in sample cleanup for methandrostenolone residues detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2149-2154.	1.2	8
409	Preparation of polypyrrole-coated magnetic particles for micro solid-phase extraction of phthalates in water by gas chromatographyâ€"mass spectrometry analysis. Journal of Chromatography A, 2011, 1218, 1585-1591.	1.8	155
410	Solid-Phase Microextraction (SPME) Techniques for Quality Characterization of Food Products: A Review. Food and Bioprocess Technology, 2011, 4, 1-26.	2.6	179
411	The volatile compound BinBase mass spectral database. BMC Bioinformatics, 2011, 12, 321.	1.2	173
412	Preparation of novel polydimethylsiloxane solidâ€phase microextraction film and its application in liquid sample pretreatment. Journal of Separation Science, 2011, 34, 331-339.	1.3	22
413	Determining aromaâ€active compounds in Kama flour using SPMEâ€GC/MS and GCâ€"olfactometry. Flavour and Fragrance Journal, 2011, 26, 122-128.	1.2	35
414	Solidâ€Phase Microextraction (SPME) Analysis of Six Italian Populations of Ephedra nebrodensis<scp>Tineo</scp> ex <scp>Guss</scp>. subsp. nebrodensis. Chemistry and Biodiversity, 2011, 8, 95-114.	1.0	1

#	Article	IF	Citations
415	Characterisation of volatile composition of white salsify (Tragopogon porrifolius L.) by headspace solid-phase microextraction (HS-SPME) and simultaneous distillationâ€"extraction (SDE) coupled to GCâ€"MS. Food Chemistry, 2011, 129, 557-564.	4.2	39
416	Optimization of the extraction conditions of the volatile compounds from chili peppers by headspace solid phase micro-extraction. Journal of Chromatography A, 2011, 1218, 3345-3350.	1.8	47
417	Comparison of volatile constituents extracted from model grape juice and model wine by stir bar sorptive extractionâ€"gas chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2011, 1218, 875-881.	1.8	31
418	Headspace SPMEâ€"GC/MS evaluation of ethanol retention in cooked meals containing alcoholic drinks. Food Chemistry, 2011, 126, 1387-1392.	4.2	16
419	Characterization of the volatile profile of thistle honey using headspace solid-phase microextraction and gas chromatographyâ€"mass spectrometry. Food Chemistry, 2011, 129, 1030-1036.	4.2	36
420	Recent advances in SPME techniques in biomedical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 926-950.	1.4	193
421	Development of a headspace solid-phase microextraction/gas chromatographyâ€"mass spectrometry method for determination of organophosphorus pesticide residues in cow milk. Microchemical Journal, 2011, 98, 56-61.	2.3	104
422	Determination of the Odorous Compounds in the Source of Drinking Water by Solid-Phase Microextraction and Gas Chromatography-Mass Spectrometry. Advanced Materials Research, 2011, 356-360, 951-954.	0.3	0
423	Using Fast Gas Chromatography-Mass Spectrometry with Auto-Headspace Solid-Phase Microextraction to Determine Ultra Trace Residues of Organophosphorus Pesticides in Fruits. Journal of Chromatographic Science, 2011, 49, 353-360.	0.7	7
424	Pendimethalin in surface waters of rivers in the proximity of irrigated paddy fields by solid phase microextraction and gas chromatography. International Journal of Environmental Analytical Chemistry, 2012, 92, 313-323.	1.8	8
425	Preconcentration Method on Modified Silica Fiber for Chromium Speciation. Journal of Chromatographic Science, 2012, 50, 26-32.	0.7	7
426	Evaluation of Simulant Migration of Volatile Nitrosamines from Latex Gloves and Balloons by HS-SPME-GC-MS. Journal of Chromatographic Science, 2012, 50, 733-738.	0.7	14
427	Quality and sensory acceptability of a chilled functional apple ready-dessert. Food Science and Technology International, 2012, 18, 167-177.	1.1	0
428	Applications of Solid-Phase Microextraction for the Analysis of Pesticide Residues in Fruits and Vegetables: A Review. Journal of AOAC INTERNATIONAL, 2012, 95, 1272-1290.	0.7	32
429	Analytical Methodology for the Determination of Organochlorine Pesticides in Vegetation. Journal of AOAC INTERNATIONAL, 2012, 95, 1291-1310.	0.7	20
430	Fat-Derived Volatiles of Various Products of Cows', Ewes', and Goats' Milk. International Journal of Food Properties, 2012, 15, 665-682.	1.3	32
431	Chemical Composition of the Essential Oil from Flowers, Leaves and Stems ofHaplophyllum perforatumby Using Head Space Solid Phase Microextraction. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 506-515.	0.7	20
432	Gas-Purged Headspace Liquid Phase Microextraction System for Determination of Volatile and Semivolatile Analytes. Journal of Analytical Methods in Chemistry, 2012, 2012, 1-7.	0.7	0

#	Article	IF	Citations
433	Gas chromatography for the characterization of the mushroom-like flavor inMelittis melissophyllumL. (Lamiaceae). Journal of Essential Oil Research, 2012, 24, 321-337.	1.3	14
434	- Preservatives. , 2012, , 546-567.		1
435	On the Origin of Free and Bound Staling Aldehydes in Beer. Journal of Agricultural and Food Chemistry, 2012, 60, 11449-11472.	2.4	130
436	Solid-Phase Microextraction. , 2012, , 419-460.		8
437	Effect of feeding fresh forage and marine algae on the fatty acid composition and oxidation of milk and butter. Journal of Dairy Science, 2012, 95, 2797-2809.	1.4	49
438	Solid-Phase Microextraction Method Development. , 2012, , 201-249.		14
439	Application of Solid-Phase Microextraction in Food and Fragrance Analysis. , 2012, , 291-334.		4
440	Undesirable Sulphur and Carbonyl Flavor Compounds in UHT Milk: A Review. Critical Reviews in Food Science and Nutrition, 2012, 52, 21-30.	5.4	64
441	Sampling Techniques for the Determination of Volatile Components in Grape Juice, Wine and Alcoholic Beverages. , 2012, , 27-41.		8
442	Preparation of magnetic mixed-templates molecularly imprinted polymer for the separation of tetracycline antibiotics from egg and honey samples. Analytical Methods, 2012, 4, 1005.	1.3	29
443	Optofluidic opportunities in global health, food, water and energy. Nanoscale, 2012, 4, 4839.	2.8	65
444	Evaluation of fast volatile analysis for detection of Botrytis cinerea infections in strawberry. Food Microbiology, 2012, 32, 406-414.	2.1	52
445	Volatile profile of Atlantic shellfish species by HS-SPME GC/MS. Food Research International, 2012, 48, 856-865.	2.9	109
446	Purge-assisted headspace solid-phase microextraction combined with gas chromatography/mass spectrometry for the determination of trace nitrated polycyclic aromatic hydrocarbons in aqueous samples. Journal of Chromatography A, 2012, 1265, 1-6.	1.8	39
447	Multiple automated headspace in-tube extraction for the accurate analysis of relevant wine aroma compounds and for the estimation of their relative liquidâ€“gas transfer rates. Journal of Chromatography A, 2012, 1266, 1-9.	1.8	23
448	Identification of microbial volatile organic compounds (MVOCs) emitted from fungal isolates found on cinematographic film. Analytical Methods, 2012, 4, 1265.	1.3	15
449	Sensory and Volatile Compounds Profile of Thap Maeo Banana: an Option for the Replacement of Pest-susceptible Cultivars. Natural Products Journal, 2012, 2, 205-211.	0.1	0
450	Ultraviolet Photoinitiated On-Fiber Copolymerization of Ionic Liquid Sorbent Coatings for Headspace and Direct Immersion Solid-Phase Microextraction. Analytical Chemistry, 2012, 84, 9520-9528.	3.2	81

#	Article	IF	Citations
451	Present and Future Challenges in Food Analysis: Foodomics. Analytical Chemistry, 2012, 84, 10150-10159.	3.2	223
452	Bacterial Volatiles Mediating Information Between Bacteria and Plants. Signaling and Communication in Plants, 2012, , 327-347.	0.5	27
453	Evaluation of single-walled carbon nanohorns as sorbent in dispersive micro solid-phase extraction. Analytica Chimica Acta, 2012, 714, 76-81.	2.6	77
454	An electrochemically enhanced solid-phase microextraction approach based on molecularly imprinted polypyrrole/multi-walled carbon nanotubes composite coating for selective extraction of fluoroquinolones in aqueous samples. Analytica Chimica Acta, 2012, 727, 26-33.	2.6	119
455	Rapid detection of radiation-induced hydrocarbons in cooked ham. Meat Science, 2012, 90, 697-700.	2.7	11
456	Analytical comparison and sensory representativity of SAFE, SPME, and Purge and Trap extracts of volatile compounds from pea flour. Food Chemistry, 2012, 135, 913-920.	4.2	60
457	Enantiomeric and non-enantiomeric monoterpenes of Juniperus communis L. and Juniperus oxycedrus needles and berries determined by HS-SPME and enantioselective GC/MS. Food Chemistry, 2012, 135, 1796-1800.	4.2	23
458	Recent analyses using solid phase microextraction in industries related to food made into or from liquids. Food Control, 2012, 27, 214-227.	2.8	32
460	Brassica fruticulosaCyr. andBrassica incanaTen. (Brassicaceae) as Mediterranean traditional wild vegetables: a valuable source of bioactive compounds. Journal of Essential Oil Research, 2012, 24, 539-545.	1.3	13
461	Application of magnetic molecularly imprinted polymers in analytical chemistry. Analytical Methods, 2012, 4, 2613.	1.3	75
462	Preparation of a Hydrophilic Molecularly Imprinted Polymer and Its Application in Solid-Phase Extraction to Determine of Trace Acrylamide in Foods Coupled with High-Performance Liquid Chromatography. Food Analytical Methods, 2012, 6, 838.	1.3	7
463	Develop of a multiway chemometric-based analytical method fulfilling regulatory identification criteria: Application to GCâ€"MS pesticide residue analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 910, 122-137.	1.2	22
464	Prediction models for Arabica coffee beverage quality based on aroma analyses and chemometrics. Talanta, 2012, 101, 253-260.	2.9	51
465	Flavors and Odors. , 2012, , 599-663.		0
466	Pre-concentration and Sample Treatment Techniques for Trace Element Analysis. , 2012, , 365-394.		1
467	Sample Preparation for Direct MS Analysis of Food. , 2012, , 535-557.		7
468	In Situ Hydrothermal Grown Silicalite-1 Coating for Solid-Phase Microextraction. Analytical Chemistry, 2012, 84, 2366-2372.	3.2	36
469	Effect of the Variables Time and Temperature on Volatile Compounds Extraction of Salami by Solid Phase Microextraction. Food Analytical Methods, 2012, 5, 1186-1195.	1.3	13

#	Article	IF	Citations
470	Selected ion storage versus tandem MS/MS for organochlorine pesticides determination in drinking waters with SPME and GC-MS. International Journal of Environmental Analytical Chemistry, 2012, 92, 856-867.	1.8	5
471	In Vivo Sampling of Flavor Components. , 2012, , 147-158.		0
472	Magnetic nanoparticles modified with polydimethylsiloxane and multi-walled carbon nanotubes for solid-phase extraction of fluoroquinolones. Mikrochimica Acta, 2012, 179, 257-264.	2.5	48
473	Fast Quality Assessment of German Chamomile (Matricaria chamomilla L.) by Headspace Solid-Phase Microextraction: Influence of Flower Development Stage. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	5
474	Application of Gas Chromatography on the Evaluation of Grape and Wine Aroma in Atlantic Viticulture (NW Iberian Peninsula). , 0, , .		5
475	Needle-Trap Devices for Environmental Sample Preparation. , 2012, , 927-942.		3
476	Antibacterial Activity and Comparison of the Volatile Constituents Obtained by Several Extraction Methods from the Flowers, Stems and Leaves of Astrodaucus orientalis. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	3
477	Recent Developments and Applications of Microextraction Techniques for the Analysis of Pesticide Residues in Fruits and Vegetables. , 2012, , .		4
478	Optimization of Fiber Coating Structure Enables Direct Immersion Solid Phase Microextraction and High-Throughput Determination of Complex Samples. Analytical Chemistry, 2012, 84, 6933-6938.	3.2	104
479	Identification of volatile aroma compounds in processed cheese analogues based on different types of fat. Chemical Papers, 2012, 66, .	1.0	3
480	Characterization of volatile compounds inFen-Daqu- a traditional Chinese liquor fermentation starter. Journal of the Institute of Brewing, 2012, 118, 107-113.	0.8	30
481	SPME Fibers for the Analysis of Pesticide Residues in Fruits and Vegetables: A Review. Critical Reviews in Analytical Chemistry, 2012, 42, 152-161.	1.8	41
482	Determination of Trace Acrylamide in Potato Chip and Bread Crust Based on SPE and HPLC. Chromatographia, 2012, 75, 269-274.	0.7	29
483	Determination of ochratoxins in nuts and grain samples by in-tube solid-phase microextraction coupled with liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1220, 1-6.	1.8	45
484	Determination of sulfonamides in food samples by membrane-protected micro-solid phase extraction coupled with high performance liquid chromatography. Journal of Chromatography A, 2012, 1219, 66-74.	1.8	84
485	Characterization of the volatile profile of Brazilian Merlot wines through comprehensive two dimensional gas chromatography time-of-flight mass spectrometric detection. Journal of Chromatography A, 2012, 1226, 124-139.	1.8	118
486	Effect of Henry's law constant and operating parameters on vacuum-assisted headspace solid phase microextraction. Journal of Chromatography A, 2012, 1244, 55-60.	1.8	54
487	Volatiles of plums evaluated by HS-SPME with GCâ€“MS at the germplasm level. Food Chemistry, 2012, 130, 432-440.	4.2	48

#	Article	IF	Citations
488	Identification of pyrazine derivatives in a typical maple syrup using headspace solid-phase microextraction with gas chromatographyâ€“mass spectrometry. Food Chemistry, 2012, 133, 1006-1010.	4.2	26
489	Analysis of six fungicides and one acaricide in still and fortified wines using solid-phase microextraction-gas chromatography/tandem mass spectrometry. Food Chemistry, 2012, 132, 630-636.	4.2	25
490	Determination of pesticide residues in milk using a QuEChERS-based method developed by response surface methodology. Food Chemistry, 2012, 133, 473-481.	4.2	102
491	Comparison of two headspace sampling techniques for the analysis of off-flavour volatiles from oat based products. Food Chemistry, 2012, 134, 1592-1600.	4.2	29
492	Extraction and clean-up methods for organochlorine pesticides determination in milk. Chemosphere, 2013, 92, 233-246.	4.2	52
493	Oxidized single-walled carbon nanohorns as sorbent for porous hollow fiber direct immersion solid-phase microextraction for the determination of triazines in waters. Analytical and Bioanalytical Chemistry, 2013, 405, 2661-2669.	1.9	20
494	Development of microwave-assisted headspace solid-phase microextraction followed by gas chromatography-mass spectrometry for the analysis of phenol in a cigarette pad. Analytical Methods, 2013, 5, 4655.	1.3	4
495	Application of solâ€“gel based octyl-functionalized mesoporous materials coated fiber for solid-phase microextraction. Talanta, 2013, 105, 204-210.	2.9	25
496	Mussel inspired polydopamine functionalized poly(ether ether ketone) tube for online solid-phase microextractionâ€“high performance liquid chromatography and its application in analysis of protoberberine alkaloids in rat plasma. Journal of Chromatography A, 2013, 1278, 29-36.	1.8	69
497	Comparison of Simple and Rapid Extraction Procedures for the Determination of Pesticide Residues in Fruit Juices by Fast Gas Chromatographyâ€“Mass Spectrometry. Food Analytical Methods, 2013, 6, 1671-1684.	1.3	15
498	Optimization of HS SPME Fast GC-MS for High-Throughput Analysis of Strawberry Aroma. Food Analytical Methods, 2013, 6, 512-520.	1.3	35
499	Pattern recognition of peach cultivars (Prunus persica L.) from their volatile components. Food Chemistry, 2013, 138, 724-731.	4.2	56
500	Mediterranean Berries as Inhibitors of Lipid Oxidation in Porcine Burger Patties Subjected to Cooking and Chilled Storage. Journal of Integrative Agriculture, 2013, 12, 1982-1992.	1.7	42
501	Analysis of irradiated cooked ham by direct introduction into the programmable temperature vaporizer of a multidimensional gas chromatography system. Food Chemistry, 2013, 139, 241-245.	4.2	3
502	Simultaneous determination of trihalomethanes and organochlorine pesticides in water samples by direct immersion-headspace-solid phase microextraction. Journal of Chromatography A, 2013, 1321, 30-37.	1.8	33
503	Ultrasound-assisted low-density solvent dispersive liquidâ€“liquid extraction for the determination of alkanolamines and alkylamines in cosmetics with ion chromatography. Talanta, 2013, 115, 518-525.	2.9	18
504	Multivariate study of parameters in the determination of pesticide residues in apple by headspace solid phase microextraction coupled to gas chromatographyâ€“mass spectrometry using experimental factorial design. Food Chemistry, 2013, 141, 4344-4348.	4.2	38
505	Use of hydrodistillation and headspace solidâ€phase microextraction to characterize the volatile composition of different hop cultivars. Journal of the Science of Food and Agriculture, 2013, 93, 2568-2574.	1.7	30

#	Article	IF	Citations
506	Combined solidâ€phase microextraction and highâ€performance liquid chromatography with ultroviolet detection for simultaneous analysis of clenbuterol, salbutamol and ractopamine in pig samples. Biomedical Chromatography, 2013, 27, 1775-1781.	0.8	37
507	Inheritance of berry volatile compounds in two half-sib grape (Vitis vinifera) populations. Euphytica, 2013, 189, 351-364.	0.6	6
508	Analysis of lignocellulose derived phenolic monomers by headspace solid-phase microextraction and gas chromatography. Journal of Chromatography A, 2013, 1307, 144-157.	1.8	9
509	Characterization of volatile compounds in different edible parts of steamed Chinese mitten crab (Eriocheir sinensis). Food Research International, 2013, 54, 81-92.	2.9	135
510	Aroma-impact compounds in dried spice as a quality index using solid phase microextraction with olfactometry and comprehensive two-dimensional gas chromatography. Food Chemistry, 2013, 141, 4324-4332.	4.2	16
511	GC/MS analysis of volatiles obtained by headspace solid-phase microextraction and simultaneousâ€"distillation extraction from Rabdosia serra (MAXIM.) HARA leaf and stem. Food Chemistry, 2013, 136, 555-562.	4.2	29
512	Advances in monolithic materials for sample preparation in drug and pharmaceutical analysis. TrAC - Trends in Analytical Chemistry, 2013, 45, 182-196.	5.8	79
513	Determination of priority pesticides in water samples combining SPE and SPME coupled to GCâ€"MS. A case study: SuquÃa River basin (Argentina). Chemosphere, 2013, 90, 1860-1869.	4.2	152
514	Preconcentration and determination of carbaryl and carbofuran in water samples using ionic liquids and in situ solvent formation microextraction. Analytical Methods, 2013, 5, 2406.	1.3	11
515	Determination of distribution coefficients of polycyclic aromatic nitrogen heterocycles using solid-phase microextraction. International Journal of Environmental Analytical Chemistry, 2013, 93, 511-527.	1.8	1
516	Use of two different coating temperatures for a cold fiber headspace solidâ€phase microextraction system to determine the volatile profile of Brazilian medicinal herbs. Journal of Separation Science, 2013, 36, 1410-1417.	1.3	22
517	Electroenhanced solid-phase microextraction of methamphetamine with commercial fibers. Journal of Chromatography A, 2013, 1297, 12-16.	1.8	17
518	Determination of organophosphate esters in water samples using an ionic liquid-based solâ€"gel fiber for headspace solid-phase microextraction coupled to gas chromatography-flame photometric detector. Journal of Chromatography A, 2013, 1300, 141-150.	1.8	49
519	Enhancement of sensitivity for the spectrophotometric determination of carbaryl using dispersive liquid microextraction combined with dispersive Î¼-solid phase extraction. Analytical Methods, 2013, 5, 789-796.	1.3	23
520	Journeys through aroma space: a novel approach towards the selection of aromaâ€enriched strawberry cultivars in breeding programmes. Plant Breeding, 2013, 132, 217-223.	1.0	9
521	Low-density solvent-based dispersive liquidâ€"liquid microextraction combined with single-drop microextraction for the fast determination of chlorophenols in environmental water samples by high performance liquid chromatography-ultraviolet detection. Journal of Chromatography A, 2013, 1280, 9-15.	1.8	60
522	Hollow Fiber Liquid-Phase Microextraction with in Situ Derivatization Combined with Gas Chromatographyâ€"Mass Spectrometry for the Determination of Root Exudate Phenylamine Compounds in Hot Pepper (Capsicum annuum L.). Journal of Agricultural and Food Chemistry, 2013, 61, 5494-5499.	2.4	8
523	Profiling of volatiles in the leaves of Lamiaceae species based on headspace solid phase microextraction and mass spectrometry. Food Research International, 2013, 51, 378-387.	2.9	27

#	Article	IF	Citations
524	Identification of Volatiles from Kumquats and Their Biological Activities. ACS Symposium Series, 2013, , 63-92.	0.5	7
525	Electropolymerization of single-walled carbon nanotubes composited with polypyrrole as a solid-phase microextraction fiber for the detection of acrylamide in food samples using GC with electron-capture detection. Journal of Separation Science, 2013, 36, 3889-3895.	1.3	17
526	Nanoporous array anodic titanium-supported co-polymeric ionic liquids as high performance solid-phase microextraction sorbents for hydrogen bonding compounds. Journal of Chromatography A, 2013, 1320, 1-9.	1.8	22
527	The GC/MS Analysis of Volatile Components Extracted by Different Methods fromExocarpium Citri Grandis. Journal of Analytical Methods in Chemistry, 2013, 2013, 1-8.	0.7	24
528	Direct Immersion-Solid Phase Microextraction for the Determination of Chlorinated Pesticide Residues in Tomatoes by Gas Chromatography with an Electron Capture Detector. Journal of AOAC INTERNATIONAL, 2013, 96, 1430-1434.	0.7	7
529	Ultrasonic Nebulisation Extraction: Extraction Column Coupled with Liquid Phase Microextraction for Analysis of the Volatile Organic Compounds in Foeniculum vulgare Mill. as a Model. Phytochemical Analysis, 2013, 24, 296-302.	1.2	4
530	Temperature-controlled ultrasound- and vortex-assisted liquid-liquid microextraction combined with GC for the determination of the concentrations of organophosphorus pesticides in beverage samples. Journal of Separation Science, 2013, 36, 3918-3925.	1.3	11
531	Study on Flavor Compounds by Headspace Solid-Phase Microextraction Enshi Lobster Sauce and Fermented Yichang Conditions Exploration and Volatile. Advanced Materials Research, 0, 803, 108-112.	0.3	0
532	A New Approach for Diffusive Sampling Based on SPME for Occupational Exposure Assessment. Journal of Occupational and Environmental Hygiene, 2013, 10, 132-142.	0.4	3
533	Tentative identification and quantification of the principal volatile organic compounds in fruit of eight new varieties ofChaenomelesspp. (quince). Journal of Horticultural Science and Biotechnology, 2013, 88, 320-324.	0.9	0
534	Comparison of SPME Methods for Determining Volatile Compounds in Milk, Cheese, and Whey Powder. Foods, 2013, 2, 534-543.	1.9	30
535	Differences in Selection Behaviors and Chemical Cues of adult Asian Citrus Psyllids, Diaphorina citri, on Healthy and Huanglongbing-Infected Young Shoots of Citrus Plants. Journal of Agricultural Science, 2013, 5, .	0.1	0
536	Can Volatile Organic Metabolites Be Used to Simultaneously Assess Microbial and Mite Contamination Level in Cereal Grains and Coffee Beans?. PLoS ONE, 2013, 8, e59338.	1.1	21
537	Strategies to Prevent Oxidative Deterioration in Oil-in-Water Emulsion Systems. , 2013, , 457-483.		1
538	Determination of volatiles in beer using solid-phase microextraction in combination with gas chromatography/mass spektrometry. Czech Journal of Food Sciences, 2014, 32, 241-247.	0.6	10
539	Pharmacobotanical analysis and regulatory qualification of Capsicum fruits and Capsicum extracts. A survey.. , 2014, , .		3
540	Preparation of Multiwalled Carbon Nanotubes/Hydroxyl-Terminated Silicone Oil Fiber and Its Application to Analysis of Crude Oils. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	1
541	Analysis of Volatile Components of Cape Gooseberry (Physalis peruvianaL.) Grown in Turkey by HS-SPME and GC-MS. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	19

#	Article	IF	Citations
543	Implementation of multivariate techniques for the selection of volatile compounds as indicators of sensory quality of raw beef. Journal of Food Science and Technology, 2015, 52, 3887-98.	1.4	23
544	Analysis of the Volatile Compounds inThymus vulgarisL. Using Improved HS-SPME-GC-MS and Comparison with Conventional Methods. Journal of Essential Oil-bearing Plants: JEOP, 2014, 17, 1233-1240.	0.7	2
546	Chemometric Study and Optimization of Headspace Solid-Phase Microextraction Parameters for the Determination of Multiclass Pesticide Residues in Processed Cocoa from Nigeria Using Gas Chromatography/Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2014, 97, 1007-1011.	0.7	7
547	Volatile Compositions Analysis of Tilapia (Oreochram niloticus) and Fishy Odour Development in the Muscle. Advanced Materials Research, 2014, 1033-1034, 767-776.	0.3	2
548	Feasibility of metalâ€"organic nanotubes [Cu 3 (Î¼ 3 -O)(Î¼-OH)(triazolate) 2] + -coated fibers for solid-phase microextraction of polychlorinated biphenyls in water samples. Journal of Chromatography A, 2014, 1374, 58-65.	1.8	43
550	Headspace and Solid-Phase Microextraction Methods for the Identification of Volatile Flavor Compounds in Citrus Fruits. ACS Symposium Series, 2014, , 243-256.	0.5	3
551	Headspace Solid-Phase Microextraction Analysis of Volatile Components in Phalaenopsis Nobbyâ€™s Pacific Sunset. Molecules, 2014, 19, 14080-14093.	1.7	13
552	The Modern Art of Identification of Natural Substances in Whole Plants. , 2014, , 31-94.		2
553	Determination of Estragole in Fennel Herbal Teas by HS-SPME and GCâ€"MS. Analytical Letters, 2014, 47, 268-279.	1.0	9
554	HS-SPME/GC-MS Method to Characterise the Flavour of Italian Pasta: Potential Application to Assess the Quality of the Products. Food Analytical Methods, 2014, 7, 64-72.	1.3	17
555	Ranking the significance of fermentation conditions on the volatile organic compounds of Tuber melanosporum fermentation system by combination of head-space solid phase microextraction and chromatographic fingerprint similarity analysis. Bioprocess and Biosystems Engineering, 2014, 37, 543-552.	1.7	6
556	A nanocomposite disk prepared from reduced graphene oxide and gold nanoparticles for the preconcentration of heterocyclic aromatic amines prior to their determination by HPLC. Mikrochimica Acta, 2014, 181, 821-828.	2.5	8
557	Evaluation of volatiles, phenolic compounds and antioxidant activities of rose hip (Rosa L.) fruits in Turkey. LWT - Food Science and Technology, 2014, 57, 126-133.	2.5	159
558	Statistical analysis for improving data precision in the SPME GCâ€"MS analysis of blackberry (Rubus) Tj ETQq1 1 0.784314 rgBT /Over	2.9	18
559	Origins of Grape and Wine Aroma. Part 2. Chemical and Sensory Analysis. American Journal of Enology and Viticulture, 2014, 65, 25-42.	0.9	46
560	Use of Doehlert design in the optimization of extraction conditions in the determination of organochlorine pesticides in bovine milk samples by HS-SPME. Analytical Methods, 2014, 6, 3254-3260.	1.3	20
561	Detection of furan levels in select Chinese foods by solid phase microextractionâ€"gas chromatography/mass spectrometry method and dietary exposure estimation of furan in the Chinese population. Food and Chemical Toxicology, 2014, 64, 34-40.	1.8	44
562	Use of volatile compounds as a diagnostic tool for the detection of pathogenic bacteria. TrAC - Trends in Analytical Chemistry, 2014, 53, 117-125.	5.8	47

#	Article	IF	Citations
563	Re-exploring the high-throughput potential of microextraction techniques, SPME and MEPS, as powerful strategies for medical diagnostic purposes. Innovative approaches, recent applications and future trends. Analytical and Bioanalytical Chemistry, 2014, 406, 2101-2122.	1.9	38
564	New Trends in Sample Preparation Techniques for Environmental Analysis. Critical Reviews in Analytical Chemistry, 2014, 44, 142-185.	1.8	86
565	DETERMINATION OF CHLORPYRIFOS AND ITS MAIN DEGRADATION PRODUCT TCP IN WATER SAMPLES BY DISPERSIVE LIQUIDâ€"LIQUID MICROEXTRACTION BASED ON SOLIDIFICATION OF FLOATING ORGANIC DROPLET COMBINED WITH HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1499-1512.	0.5	14
566	Preliminary study of solid phase micro-extraction (SPME) as a method for detecting insect infestation in wheat grain. Journal of Stored Products Research, 2014, 59, 88-95.	1.2	22
568	Employment of a novel magnetically multifunctional purifying material for determination of toxic highly chlorinated polychlorinated biphenyls at trace levels in soil samples. Journal of Chromatography A, 2014, 1364, 36-44.	1.8	15
569	Characterization of Potent Aroma Compounds of Cape Gooseberry (Physalis PeruvianaL.) Fruits Grown in Antalya Through the Determination of Odor Activity Values. International Journal of Food Properties, 2014, 17, 469-480.	1.3	29
570	Acrylamide Analysis in Food by Liquid Chromatographic and Gas Chromatographic Methods. Critical Reviews in Analytical Chemistry, 2014, 44, 107-141.	1.8	46
571	Chemical immobilization of crosslinked polymeric ionic liquids on nitinol wires produces highly robust sorbent coatings for solid-phase microextraction. Analytica Chimica Acta, 2014, 843, 18-26.	2.6	65
572	Nondestructive Measurement of Fruit and Vegetable Quality. Annual Review of Food Science and Technology, 2014, 5, 285-312.	5.1	151
573	Use of solid-phase microextraction coupled to gas chromatographyâ€"mass spectrometry for determination of urinary volatile organic compounds in autistic children compared with healthy controls. Analytical and Bioanalytical Chemistry, 2014, 406, 4649-4662.	1.9	42
574	Nisin A extends the shelf life of high-fat chilled dairy dessert, a milk-based pudding. Journal of Applied Microbiology, 2014, 116, 1218-1228.	1.4	29
575	A cost-effective method for estimating di(2-ethylhexyl)phthalate in coastal sediments. Journal of Chromatography A, 2014, 1324, 57-62.	1.8	20
576	Jelly Palm (Butia odorata) Wine: Characterization of Volatile Compounds Responsible for Aroma. Food Analytical Methods, 2014, 7, 1982-1991.	1.3	13
577	Aroma-active compounds of Korean mugwort (Artemisia princeps orientalis). Journal of the Korean Society for Applied Biological Chemistry, 2014, 57, 323-329.	0.9	5
578	Aptamer-functionalized solid phase microextractionâ€"liquid chromatography/tandem mass spectrometry for selective enrichment and determination of thrombin. Analytica Chimica Acta, 2014, 845, 45-52.	2.6	72
579	Application of modern sample preparation techniques to the determination of chloropropanols in food samples. TrAC - Trends in Analytical Chemistry, 2014, 62, 173-183.	5.8	19
580	Solid phase microextraction (SPME) combined with TGA as a technique for guest analysis in crystal engineering. CrystEngComm, 2014, 16, 7313-7319.	1.3	3
581	Determination of carbamates in edible vegetable oils by ultra-high performance liquid chromatographyâ€"tandem mass spectrometry using a new clean-up based on zirconia for QuEChERS methodology. Talanta, 2014, 128, 299-304.	2.9	84

#	Article	IF	Citations
582	Determination of pyrethroid pesticides residues in vegetable oils using liquidâ€"liquid extraction and dispersive liquidâ€"liquid microextraction followed by gas chromatographyâ€"flame ionization detection. Journal of Food Composition and Analysis, 2014, 34, 128-135.	1.9	77
583	Study of chemical stability of lemon oil components in sodium caseinateâ€"lactose glycoconjugate-stabilized oil-in-water emulsions using solid-phase microextraction-gas chromatography. Food and Function, 2014, 5, 1495-1505.	2.1	3
584	Preparation and application of immobilised ionic liquid in solid-phase extraction for determination of trace acrylamide in food samples coupled with high-performance liquid chromatography. Journal of the Science of Food and Agriculture, 2014, 94, 1787-1793.	1.7	13
585	Electrospun polystyrene/oxidized carbon nanotubes film as both sorbent for thin film microextraction and matrix for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Journal of Chromatography A, 2014, 1351, 29-36.	1.8	62
586	Microextraction by Packed Sorbent (MEPS) and Solid-Phase Microextraction (SPME) as Sample Preparation Procedures for the Metabolomic Profiling of Urine. Metabolites, 2014, 4, 71-97.	1.3	70
588	Determination of Carbamate Pesticides in Foods. , 2015, , Vol II-151-Vol II-179.		0
589	Mesoporous-silica nanofluidic channels for quick enrichment/extraction of trace pesticide molecules. Scientific Reports, 2015, 5, 17171.	1.6	13
590	Determination of 2-aminoacetophenone in white wines using ultrasound assisted SPME coupled with GC-MS. Journal of Analytical Chemistry, 2015, 70, 814-818.	0.4	10
592	Chemodiversity in the Fingerprint Analysis of Volatile Organic Compounds (VOCs) of 35 Old and 7 Modern Apple Cultivars Determined by Protonâ€Transferâ€Reaction Mass Spectrometry (PTRâ€MS) in Two Different Seasons. Chemistry and Biodiversity, 2015, 12, 800-812.	1.0	16
593	Use of SPME and Chemometrics in Method Development for Food and Environmental Analysis of Pesticide Residues. Chemical Sciences Journal, 2015, 06, .	0.1	0
594	Recent Developments and Applications of Solid Phase Microextraction (SPME) in Food and Environmental Analysisâ€"A Review. Chromatography (Basel), 2015, 2, 293-381.	1.2	162
595	Magnetic Solid Phase Extraction Applied to Food Analysis. Journal of Chemistry, 2015, 2015, 1-13.	0.9	40
596	Determination of Volatile Compounds in Foxtail Millet Sake Using Headspace Solid-Phase Microextraction and Gas Chromatography-Mass Spectrometry. Journal of Chemistry, 2015, 2015, 1-9.	0.9	6
597	Study of adulteration of extra virgin olive oil with peanut oil using FTIR spectroscopy and chemometrics. Cogent Food and Agriculture, 2015, 1, 1018695.	0.6	37
598	Phosphine fumigation and residues in dry-cured ham in commercial applications. Meat Science, 2015, 107, 57-63.	2.7	27
599	Analysis of Polychlorinated Biphenyls in Biological Samples by Headspace Solid Phase Microextraction Coupled with Gas Chromatography. Advanced Materials Research, 0, 1092-1093, 770-773.	0.3	0
600	Quantification of key odor-active compounds of a novel nonalcoholic beverage produced by fermentation of wort by shiitake (Lentinula edodes) and aroma genesis studies. Food Research International, 2015, 70, 23-30.	2.9	14
601	In situ microfluidic fabrication of SERS nanostructures for highly sensitive fingerprint microfluidic-SERS sensing. RSC Advances, 2015, 5, 14081-14089.	1.7	46

#	Article	IF	Citations
602	Optimization of a Solid-Phase Microextraction method for the Gas Chromatographyâ€"Mass Spectrometry analysis of blackberry (Rubus ulmifolius Schott) fruit volatiles. Food Chemistry, 2015, 178, 10-17.	4.2	39
603	Effect of defatting on quality of meat and bone meal. Animal Science Journal, 2015, 86, 319-324.	0.6	4
604	Membrane-based microextraction techniques in analytical chemistry: A review. Analytica Chimica Acta, 2015, 880, 8-25.	2.6	134
605	In vitro study of the binding between chlorpyrfos and sex hormones using headspace solid-phase microextraction combined with high-performance liquid chromatography. Human and Experimental Toxicology, 2015, 34, 819-827.	1.1	3
606	Silver nanoplate-decorated copper wire for the on-site microextraction and detection of perchlorate using a portable Raman spectrometer. Analyst, The, 2015, 140, 2815-2822.	1.7	30
607	High-Resolution Filtering for Improved Small Molecule Identification via GC/MS. Analytical Chemistry, 2015, 87, 8328-8335.	3.2	43
608	A critical review of the state of the art of solid-phase microextraction of complex matrices II. Food analysis. TrAC - Trends in Analytical Chemistry, 2015, 71, 236-248.	5.8	238
609	Parameters optimization using experimental design for headspace solid phase micro-extraction analysis of short-chain chlorinated paraffins in waters under the European water framework directive. Journal of Chromatography A, 2015, 1406, 59-67.	1.8	26
610	Optimisation of stir-bar sorptive extraction (SBSE), targeting medium and long-chain free fatty acids in cooked ham exudates. Food Chemistry, 2015, 185, 75-83.	4.2	21
611	Electrospun polystyrene/graphene nanofiber film as a novel adsorbent of thin film microextraction for extraction of aldehydes in human exhaled breath condensates. Analytica Chimica Acta, 2015, 878, 102-108.	2.6	93
612	Development of miniaturized solid phase microextraction of copper in serum using a micropipette tip in-syringe system combined with micro sampling flame atomic absorption spectrometry. Analytical Methods, 2015, 7, 3431-3437.	1.3	13
613	Novel Bio-Coacervation Extraction of Selenium Based on Microassemblies Biosurfactants with Ionic Liquid and Quantitative Analysis by HPLC/UV. Chromatographia, 2015, 78, 971-978.	0.7	7
614	Biomimetic Preparation and Dual-Color Bioimaging of Fluorescent Silicon Nanoparticles. Journal of the American Chemical Society, 2015, 137, 14726-14732.	6.6	111
615	Optimal design of experiments applied to headspace solid phase microextraction for the quantification of vicinal diketones in beer through gas chromatography-mass spectrometric detection. Analytica Chimica Acta, 2015, 887, 101-110.	2.6	23
616	Design of experiment in the development of spme method for the determination of pesticide residues in fruits and vegetables. Sample Preparation, 2015, 2, .	0.4	1
617	Recent developments in the determination of residual solvents in pharmaceutical products by microextraction methods. Analytical Methods, 2015, 7, 8511-8523.	1.3	16
618	Profiling of passion fruit volatiles: An effective tool to discriminate between species and varieties. Food Research International, 2015, 77, 408-418.	2.9	40
619	Comparison of Ultrasound-Assisted Headspace Solid-Phase Microextraction and Hydrodistillation for the Identification of Major Constituents in Two Species ofHypericum. Journal of Chromatographic Science, 2015, 54, bmv136.	0.7	9

#	Article	IF	Citations
620	Applications of Experimental Design to the Optimization of Microextraction Sample Preparation Parameters for the Analysis of Pesticide Residues in Fruits and Vegetables. Journal of AOAC INTERNATIONAL, 2015, 98, 1171-1185.	0.7	10
621	Rapid evaluation technique to differentiate mushroom disease-related moulds by detecting microbial volatile organic compounds using HS-SPME-GC-MS. Analytical and Bioanalytical Chemistry, 2015, 407, 537-545.	1.9	18
622	Establishment of Monstera deliciosa fruit volatile metabolomic profile at different ripening stages using solid-phase microextraction combined with gas chromatographyâ€"mass spectrometry. Food Research International, 2015, 67, 409-417.	2.9	21
623	Determination of Eight Volatile Nitrosamines in Meat Products by Ultrasonic Solvent Extraction and Gas Chromatography-Mass Spectrometry Method. International Journal of Food Properties, 2015, 18, 1181-1190.	1.3	22
624	Methoxypyrazine Analysis and Influence of Viticultural and Enological Procedures on their Levels in Grapes, Musts, and Wines. Critical Reviews in Food Science and Nutrition, 2015, 55, 485-502.	5.4	53
625	The â€œTrueâ€•Neapolitan Pizza: Assessing the Influence of Extra Virgin Olive Oil on Pizza Volatile Compounds and Lipid Oxidation. Journal of Culinary Science and Technology, 2015, 13, 29-48.	0.6	7
626	Magnetic Solid-Phase Extraction Based on Modified Magnetic Nanoparticles for the Determination of Phthalate Diesters in Water Samples. Journal of Chromatographic Science, 2015, 53, 385-391.	0.7	33
627	Electrochemically assisted solid based extraction techniques: A review. Talanta, 2015, 132, 339-353.	2.9	30
628	Determination of fatty acids and volatile compounds in fruits of rosehip(Rosa L.) species by HS-SPME/GC-MS and Im-SPME/GC-MS techniques. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2016, 40, 269-279.	0.8	22
629	Rapid and Solventless Analysis of Polychlorinated Biphenyls in Packaged Milk Using Gas Chromatography. Current Chromatography, 2016, 3, 64-72.	0.1	1
630	Employing Solid Phase Microextraction as Extraction Tool for Pesticide Residues in Traditional Medicinal Plants. Journal of Analytical Methods in Chemistry, 2016, 2016, 1-11.	0.7	13
631	Facile and efficient poly(ethylene terephthalate) fibers-in-tube for online solid-phase microextraction towards polycyclic aromatic hydrocarbons. Analytical and Bioanalytical Chemistry, 2016, 408, 4871-4882.	1.9	35
632	Determination of Triazole Fungicide Residues in Fruits by QuEChERS Combined with Ionic Liquid-Based Dispersive Liquid-Liquid Microextraction: Optimization Using Response Surface Methodology. Food Analytical Methods, 2016, 9, 3509-3519.	1.3	27
634	Profiling of organosulphur compounds using HPLC-PDA and GC/MS system and antioxidant activities in hooker chive (Allium hookeri). Natural Product Research, 2016, 30, 2798-2804.	1.0	27
635	Physicochemical Properties and Volatile Profiles of Cold-Pressed Trichosanthes kirilowii Maxim Seed Oils. International Journal of Food Properties, 2016, 19, 1765-1775.	1.3	12
636	Tris(pentafluoroethyl)trifluorophosphate-basd ionic liquids as advantageous solid-phase micro-extraction coatings for the extraction of organophosphate esters in environmental waters. Journal of Chromatography A, 2016, 1447, 9-16.	1.8	20
637	Self-assembled benzyl mercaptan monolayer as a coating in electromembrane surrounded solid-phase microextraction of antihistamines in urine and plasma samples. New Journal of Chemistry, 2016, 40, 5268-5276.	1.4	9
638	Determination of Vanillin and Ethyl-Vanillin in Milk Powder by Headspace Solid-Phase Microextraction Coupled with Gas Chromatography-Mass Spectrometry. Food Analytical Methods, 2016, 9, 3360-3366.	1.3	39

#	Article	IF	Citations
639	Determination of pesticides in environmental materials and food products by capillary electrophoresis. Journal of Analytical Chemistry, 2016, 71, 965-1013.	0.4	20
640	Analysis of Lipid and Protein Oxidation in Fats, Oils, and Foods. , 2016, , 1-131.		19
641	Substitution of carcinogenic solvent dichloromethane for the extraction of volatile compounds in a fat-free model food system. Journal of Chromatography A, 2016, 1456, 77-88.	1.8	16
642	An Innovative Rapid Method for Analysis of 10 Organophosphorus Pesticide Residues in Wheat by HS-SPME-GC-FPD/MSD. Journal of AOAC INTERNATIONAL, 2016, 99, 520-526.	0.7	10
643	Magnetic solid-phase extraction based on ferroferric oxide nanoparticles doubly coated with chitosan and Î²-cyclodextrin in layer-by-layer mode for the separation of ibuprofen. RSC Advances, 2016, 6, 56240-56248.	1.7	10
644	Discrimination of mushroom diseaseâ€•related mould species based solely on unprocessed chromatograms. Journal of Chemometrics, 2016, 30, 197-202.	0.7	5
645	SDE and SPME Analysis of Flavor Compounds in Jin Xuan Oolong Tea. Journal of Food Science, 2016, 81, C348-58.	1.5	35
646	Sample handling for electronic nose technology: State of the art and future trends. TrAC - Trends in Analytical Chemistry, 2016, 82, 222-236.	5.8	54
647	An overview of recent developments in volatile compounds analysis from edible oils: Techniqueâ€•oriented perspectives. European Journal of Lipid Science and Technology, 2016, 118, 1853-1879.	1.0	31
648	Effects of 3 Feeding Modes on the Volatile and Nonvolatile Compounds in the Edible Tissues of Female Chinese Mitten Crab (Eriocheir sinensis). Journal of Food Science, 2016, 81, S968-81.	1.5	116
649	Micro-extraction of Xenobiotics and Biomolecules from Different Matrices on Nanostructures. Separation and Purification Reviews, 2016, 45, 28-49.	2.8	7
650	Aromatic Compounds and Soluble Carbohydrate Profiles of Different Varieties of Tunisian Raisin (Vitis ViniferaL.). International Journal of Food Properties, 2016, 19, 339-350.	1.3	10
651	Determination of Volatiles in Ham by Gas Chromatography with Olfactory Detection. International Journal of Food Engineering, 2016, 12, 323-332.	0.7	9
652	Green chromatography for the analysis of foods of animal origin. TrAC - Trends in Analytical Chemistry, 2016, 80, 517-530.	5.8	32
653	Microextraction techniques for analysis of cannabinoids. TrAC - Trends in Analytical Chemistry, 2016, 80, 156-166.	5.8	34
654	Volatile Flavor Profile of Saskatchewan Grown Pulses as Affected by Different Thermal Processing Treatments. International Journal of Food Properties, 2016, 19, 2251-2271.	1.3	58
655	Methodical evaluation and improvement of matrix compatible PDMS-overcoated coating for direct immersion solid phase microextraction gas chromatography (DI-SPME-GC)-based applications. Analytica Chimica Acta, 2016, 920, 54-62.	2.6	42
656	Characterization of volatile metabolites associated with confinement odour during the shelf-life of vacuum packed lamb meat under different storage conditions. Meat Science, 2016, 113, 80-91.	2.7	22

#	Article	IF	Citations
657	Effects of Heat Pump Drying Parameters on the Volatile Flavor Compounds in Silver Carp. Journal of Aquatic Food Product Technology, 2016, 25, 735-744.	0.6	13
658	Applications of solid-phase microextraction in food analysis. TrAC - Trends in Analytical Chemistry, 2016, 80, 12-29.	5.8	160
659	Solid-phase microextraction technology for in vitro and in vivo metabolite analysis. TrAC - Trends in Analytical Chemistry, 2016, 80, 57-65.	5.8	79
660	The evolution of analytical chemistry methods in foodomics. Journal of Chromatography A, 2016, 1428, 3-15.	1.8	104
661	Analysis of volatile components from Melipona beecheii geopropolis from Southeast Mexico by headspace solid-phase microextraction. Natural Product Research, 2016, 30, 237-240.	1.0	16
662	Vortex-Assisted Ionic Liquid Dispersive Liquid-Liquid Microextraction Coupled with High-Performance Liquid Chromatography for the Determination of Triazole Fungicides in Fruit Juices. Food Analytical Methods, 2016, 9, 596-604.	1.3	43
663	Headspace solid-phase microextraction for wine volatile analysis. Critical Reviews in Food Science and Nutrition, 2017, 57, 2009-2020.	5.4	47
664	Optimization of Headspace Solid-Phase Microextraction with Different Fibers for the Analysis of Volatile Compounds of White-Brined Cheese by Using Response Surface Methodology. Food Analytical Methods, 2017, 10, 1956-1964.	1.3	23
665	Origin, Analytical Characterization, and Use of Human Odor in Forensics. Journal of Forensic Sciences, 2017, 62, 330-350.	0.9	23
666	Graphene/polyaniline electrodeposited needle trap device for the determination of volatile organic compounds in human exhaled breath vapor and A549 cell. RSC Advances, 2017, 7, 11959-11968.	1.7	20
667	Maillard reaction products as markers of the durum wheat pasta manufacturing process: A commodity investigation. Acta Alimentaria, 2017, 46, 267-274.	0.3	1
668	Rapid in vivo determination of tetrodotoxin in pufferfish (Fugu) muscle by solid-phase microextraction coupled to high-performance liquid chromatography tandem mass spectrometry. Talanta, 2017, 171, 179-184.	2.9	40
669	Comparative Analysis of the Volatile Profile of 20 Commercial Samples of Truffles, Truffle Sauces, and Truffle-Flavored Oils by Using HS-SPME-GC-MS. Food Analytical Methods, 2017, 10, 1857-1869.	1.3	28
670	Characterization of the Major Aroma-Active Compounds in Peel Oil of an HLB-Tolerant Mandarin Hybrid Using Aroma Extraction Dilution Analysis and Gas Chromatography-Mass Spectrometry/Olfactometry. Chemosensory Perception, 2017, 10, 161-169.	0.7	11
671	Method for sampling and analysis of volatile biomarkers in process gas from aerobic digestion of poultry carcasses using time-weighted average SPME and GCâ€"MS. Food Chemistry, 2017, 232, 799-807.	4.2	18
672	Adsorbed Dyes onto Nanoparticles: Large Wavelength Dependence in Second Harmonic Scattering. Journal of Physical Chemistry C, 2017, 121, 14566-14571.	1.5	7
673	Silica- and germania-based dual-ligand sol-gel organic-inorganic hybrid sorbents combining superhydrophobicity and Ï€-Ï€ interaction. The role of inorganic substrate in sol-gel capillary microextraction. Analytica Chimica Acta, 2017, 964, 96-111.	2.6	10
674	Analysis of Volatile Compounds by Advanced Analytical Techniques and Multivariate Chemometrics. Chemical Reviews, 2017, 117, 6399-6422.	23.0	128

#	Article	IF	Citations
675	Detection of trans-fatty acids by high performance liquid chromatography coupled with in-tube solid-phase microextraction using hydrophobic polymeric monolith. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1040, 214-221.	1.2	23
676	Quantitative determination of volatile organic compounds formed during Polylactide processing by MHS-SPME. Polymer Degradation and Stability, 2017, 136, 80-88.	2.7	21
677	Application of Solid-Phase Microextraction Combined with Derivatization for Polar Compound Sampling in Environmental Analysis. , 2017, , 177-222.		0
678	Rapid and sensitive analysis of polychlorinated biphenyls and acrylamide in food samples using ionic liquid-based in situ dispersive liquid-liquid microextraction coupled to headspace gas chromatography. Journal of Chromatography A, 2017, 1481, 1-11.	1.8	63
679	Comparative Fingerprint Changes of Toxic Volatiles in Low PUFA Vegetable Oils Under Deepâ€Frying. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 271-284.	0.8	38
680	Fast screening method to characterize lithium ion battery electrolytes by means of solid phase microextraction â€“ gas chromatography â€“ mass spectrometry. RSC Advances, 2017, 7, 46989-46998.	1.7	35
681	Optimization of headspace solid phase micro-extraction of volatile compounds from papaya fruit assisted by GCâ€“olfactometry. Journal of Food Science and Technology, 2017, 54, 4042-4050.	1.4	12
682	Innovative and high performance synthesis of microcapsules containing methyl anthranilate by microsuspension iodine transfer polymerization. Polymer International, 2017, 66, 1921-1927.	1.6	13
683	A low-cost biosorbent-based coating for the highly sensitive determination of organochlorine pesticides by solid-phase microextraction and gas chromatography-electron capture detection. Journal of Chromatography A, 2017, 1525, 23-31.	1.8	34
684	Characterization of Volatile Sulfur Compounds in Moutai Liquors by Headspace Solidâ€Phase Microextraction Gas Chromatographyâ€Pulsed Flame Photometric Detection and Odor Activity Value. Journal of Food Science, 2017, 82, 2816-2822.	1.5	52
685	Amine-functionalized MIL-53(Al)-coated stainless steel fiber for efficient solid-phase microextraction of synthetic musks and organochlorine pesticides in water samples. Analytical and Bioanalytical Chemistry, 2017, 409, 5239-5247.	1.9	32
686	Recent trends in determination of thiamine and its derivatives in clinical practice. Journal of Chromatography A, 2017, 1510, 1-12.	1.8	24
687	Comparison of Two Volatile Sampling Techniques Based on Different Loading Factors in Determination of Volatile Organic Compounds Released from Spoiled Raw Beef. Food Analytical Methods, 2017, 10, 2311-2324.	1.3	9
688	Sourdough volatile compounds and their contribution to bread: A review. Trends in Food Science and Technology, 2017, 59, 105-123.	7.8	218
689	Selective Extraction of Cholesterol from Dairy Samples Using a Polypyrrole Molecularly Imprinted Polymer and Determination by Gas Chromatography. Food Analytical Methods, 2017, 10, 1397-1407.	1.3	9
690	Quick, easy, cheap, effective, rugged, and safe sample preparation approach for pesticide residue analysis using traditional detectors in chromatography: A review. Journal of Separation Science, 2017, 40, 203-212.	1.3	50
691	Modified zeolitic imidazolate framework-8 as solid-phase microextraction Arrow coating for sampling of amines in wastewater and food samples followed by gas chromatography-mass spectrometry. Journal of Chromatography A, 2017, 1486, 76-85.	1.8	78
692	Sample pre-treatment techniques for use with ICP-MS hyphenated techniques for elemental speciation in biological samples. Journal of Analytical Atomic Spectrometry, 2017, 32, 58-77.	1.6	31

#	Article	IF	Citations
693	Exploration of volatile compounds causing off-flavor in farm-raised channel catfish (Ictalurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742	1.1	18
694	Introduction of Solid-Phase Microextraction. , 2017, , 1-16.		0
696	Studies on the volatile fraction composition of three native Amazonian-Brazilian fruits: Murici (Byrsonima crassifolia L., Malpighiaceae), bacuri (Platonia insignis M., Clusiaceae), and sapodilla (Manilkara sapota L., Sapotaceae). Food Chemistry, 2017, 219, 13-22.	4.2	47
697	Identification of volatile flavour components of Tuber melanosporum using simultaneous distillation-extraction. Czech Journal of Food Sciences, 2017, 35, 483-487.	0.6	12
698	HS-SPME optimization and extraction of volatile compounds from soursop (Annona muricata L.) pulp with emphasis on their characteristic impact compounds. Food Science and Technology, 2017, 37, 250-260.	0.8	16
699	Sample preparation for liquid chromatography. , 2017, , 1-37.		10
700	Overview of Green Sample Preparation Techniques in Food Analysis. , 0, , .		8
701	Evaluation of volatile profiles obtained for minimally-processed pineapple fruit samples during storage by headspace-solid phase microextraction gas chromatography-mass spectrometry. Food Science and Technology, 2017, 37, 663-672.	0.8	9
702	Development of headspace solid-phase microextraction method for the analysis of pesticide residues in fruit and vegetable samples using OFAT design. Journal of Applied Sciences and Environmental Management, 2017, 21, 455.	0.1	0
704	Determination of UV filters in high ionic strength sample solutions using matrix-compatible coatings for solid-phase microextraction. Talanta, 2018, 182, 74-82.	2.9	25
705	Simple preparation of reduced graphene oxide coatings for solid phase micro-extraction (SPME) of furfural to be detected by gas chromatography/mass spectrometry. Materials Chemistry and Physics, 2018, 213, 556-561.	2.0	26
706	Integrated science-based approach to study quality changes of shelf-stable food products during storage: A proof of concept on orange and mango juices. Trends in Food Science and Technology, 2018, 73, 76-86.	7.8	37
707	Direct solid phase microextraction combined with gas chromatography â€“ Mass spectrometry for the determination of biogenic amines in wine. Talanta, 2018, 183, 276-282.	2.9	78
708	Volatile organic compounds associated with milk spoilage by psychrotrophic bacteria. International Journal of Dairy Technology, 2018, 71, 593-600.	1.3	23
709	Analytical Techniques for Phytochemical Estimation in Fruit Juices. , 2018, , 669-692.		1
710	Application of Fe3O4@MIL-100 (Fe) core-shell magnetic microspheres for evaluating the sorption of organophosphate esters to dissolved organic matter (DOM). Science of the Total Environment, 2018, 626, 42-47.	3.9	20
711	Layer-by-layer coated imidazolium â€“ Styrene copolymers fibers for improved headspace-solid phase microextraction analysis of aromatic compounds. Reactive and Functional Polymers, 2018, 125, 93-100.	2.0	6
712	Pistachio oil (Pistacia vera L. cv. Uzun): Characterization of key odorants in a representative aromatic extract by GC-MS-olfactometry and phenolic profile by LC-ESI-MS/MS. Food Chemistry, 2018, 240, 24-31.	4.2	54

#	Article	IF	Citations
713	Volatile Constituents of Jambolan (Syzygium cumini L.) Fruits at Three Maturation Stages and Optimization of HS-SPME GC-MS Method Using a Central Composite Design. Food Analytical Methods, 2018, 11, 733-749.	1.3	18
714	Magnetic mesoporous polymelamine-formaldehyde resin as an adsorbent for endocrine disrupting chemicals. Mikrochimica Acta, 2018, 185, 19.	2.5	36
715	Advances in Solid Phase Microextraction and Perspective on Future Directions. Analytical Chemistry, 2018, 90, 302-360.	3.2	534
716	Analysis of the Volatile Components of Pouteria sapota (Sapote Mamey) Fruit by HS-SPME-GC-MS. Natural Product Communications, 2018, 13, 1934578X1801300.	0.2	7
717	Solid Phase Micro Extraction: SPME. Journal of the Japanese Society for Food Science and Technology, 2018, 65, 215-215.	0.1	0
718	Selection, Characterization, and Application of ssDNA Aptamer against Furaneol. Molecules, 2018, 23, 3159.	1.7	28
719	Fatty acid composition and volatiles of Camellia oleifera oil by GC and SPME/GC-MS. IOP Conference Series: Materials Science and Engineering, 2018, 382, 022068.	0.3	1
720	Parallel Headspace Extraction onto Etched Sorbent Sheets Prior to Ambient-Ionization Mass Spectrometry for Automated, Trace-Level Volatile Analyses. Analytical Chemistry, 2018, 90, 13806-13813.	3.2	19
721	Magnesium-aluminum-layered double hydroxide-graphene oxide composite mixed-matrix membrane for the thin-film microextraction of diclofenac in biological fluids. Journal of Chromatography A, 2018, 1575, 11-17.	1.8	42
722	Determination of pesticides residues in vegetable and fruit samples by solidâ€phase microextraction with a covalent organic framework as the fiber coating coupled with gas chromatography and electron capture detection. Journal of Separation Science, 2018, 41, 4038-4046.	1.3	42
723	An overview of cosmeceutically relevant plant extracts and strategies for extraction of plant-based bioactive compounds. Food and Bioproducts Processing, 2018, 112, 69-85.	1.8	95
724	Volatile compounds produced by Bacillus species alkaline fermentation of bambara groundnut (Vigna subterranean (L.) Verdc) into a dawadawa-type African food condiment using headspace solid-phase microextraction and GCÂÂ—ÂGCâ€"TOFMS. International Journal of Food Properties, 2018, 21, 930-942.	1.3	12
725	Application of response surface design to optimise the chromatographic analysis of volatile compounds in beer. Journal of the Institute of Brewing, 2018, 124, 244-253.	0.8	15
726	GC-O-MS technique and its applications in food flavor analysis. Food Research International, 2018, 114, 187-198.	2.9	203
727	Basic principles, recent trends and future directions of microextraction techniques for the analysis of aqueous environmental samples. Trends in Environmental Analytical Chemistry, 2018, 19, e00060.	5.3	53
728	Characterization and evaluation of volatile compounds of three grape varieties (Vitis labrusca) from the region of Bento Gonalves RS. African Journal of Agricultural Research Vol Pp, 2018, 13, 1128-1135.	0.2	4
729	Characterization of the Key Aroma Compounds in Proso Millet Wine Using Headspace Solid-Phase Microextraction and Gas Chromatography-Mass Spectrometry. Molecules, 2018, 23, 462.	1.7	22
730	Optimization using chemometrics of HS-SPME/GCâ€"MS profiling of saffron aroma and identification of geographical volatile markers. European Food Research and Technology, 2018, 244, 1605-1613.	1.6	27

#	Article	IF	Citations
731	Real-time assessment of food freshness in refrigerators based on a miniaturized electronic nose. Analytical Methods, 2018, 10, 4741-4749.	1.3	36
732	A silica fiber coated with a ZnO-graphene oxide nanocomposite with high specific surface for use in solid phase microextraction of the antiepileptic drugs diazepam and oxazepam. Mikrochimica Acta, 2018, 185, 312.	2.5	21
733	Invited review: The effects of processing parameters on the flavor of whey protein ingredients. Journal of Dairy Science, 2018, 101, 6691-6702.	1.4	25
734	Principles and Recent Advancements in Microextraction Techniques. Comprehensive Analytical Chemistry, 2018, , 257-294.	0.7	15
735	Optimization of Headspace-Solid Phase Microextraction (HS-SPME) technique for the analysis of volatile compounds of margarine. Journal of Food Science and Technology, 2019, 56, 4834-4843.	1.4	9
736	Green Analytical Chemistry. Green Chemistry and Sustainable Technology, 2019, , .	0.4	32
737	Green Chromatography and Related Techniques. Green Chemistry and Sustainable Technology, 2019, , 241-298.	0.4	11
738	Volatiles Profile of the Floral Organs of a New Hybrid Cymbidium, â€˜Sunny Bellâ€™ Using Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry Analysis. Plants, 2019, 8, 251.	1.6	10
740	Solid Phase Micro Extraction: Potential for Organic Contamination Control for Planetary Protection of Life-Detection Missions to the Icy Moons of the Outer Solar System. Astrobiology, 2019, 19, 1153-1166.	1.5	1
741	New Method of Analysis of Lipids in Tribolium castaneum (Herbst) and Rhyzopertha dominica (Fabricius) Insects by Direct Immersion Solid-Phase Microextraction (DI-SPME) Coupled with GCâ€"MS. Insects, 2019, 10, 363.	1.0	13
742	A Bottom-Up Approach for Data Mining in Bioaromatization of Beers Using Flow-Modulated Comprehensive Two-Dimensional Gas Chromatography/Mass Spectrometry. Separations, 2019, 6, 46.	1.1	18
743	Determination of Volatile Compounds in Nut-Based Milk Alternative Beverages by HS-SPME Prior to GC-MS Analysis. Molecules, 2019, 24, 3091.	1.7	30
744	Poly(ionic liquids) in solid phase microextraction: Recent advances and perspectives. Progress in Polymer Science, 2019, 98, 101148.	11.8	38
745	Analysis of Volatile Constituents in Platostoma palustre (Blume) Using Headspace Solid-Phase Microextraction and Simultaneous Distillation-Extraction. Foods, 2019, 8, 415.	1.9	14
746	The application of the QuEChERS methodology in the determination of antibiotics in food: A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 517-537.	5.8	106
747	Flavour fingerprint for the differentiation of Grappa from other Italian distillates by GC-MS and chemometrics. Food Control, 2019, 105, 123-130.	2.8	19
748	Curcumin loaded magnetic graphene oxide solid-phase extraction for the determination of parabens in toothpaste and mouthwash coupled with high performance liquid chromatography. Microchemical Journal, 2019, 148, 616-625.	2.3	34
749	Determination of synthetic and natural cannabinoids in oral fluid by solid-phase microextraction coupled to gas chromatography/mass spectrometry: A pilot study. Talanta, 2019, 201, 335-341.	2.9	31

#	Article	IF	Citations
750	Determination of Barbiturates in Biological Specimens by Flat Membrane-Based Liquid-Phase Microextraction and Liquid Chromatography-Mass Spectrometry. Molecules, 2019, 24, 1494.	1.7	13
751	Comparison of headspaceâ€"SPME and SPME-Arrowâ€"GCâ€"MS methods for the determination of volatile compounds in Korean saltâ€"fermented fish sauce. Applied Biological Chemistry, 2019, 62, .	0.7	42
752	Quantitative issues related to the headspace-SPME-GC/MS analysis of volatile compounds in wines: the case of Maresco sparkling wine. LWT - Food Science and Technology, 2019, 108, 268-276.	2.5	28
753	Mass spectrometry-based metabolomics of volatiles as a new tool for understanding aroma and flavour chemistry in processed food products. Metabolomics, 2019, 15, 41.	1.4	125
754	Analysis of volatile compounds in pork from four different pig breeds using headspace solidâ€phase microâ€extraction/gas chromatographyâ€"mass spectrometry. Food Science and Nutrition, 2019, 7, 1261-1273.	1.5	18
756	An optimised HS-SPME-GC-MS method for the detection of volatile nitrosamines in meat samples. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 396-404.	1.1	18
757	An inâ€needle solidâ€phase microextraction device packed with etched steel wires for polycyclic aromatic hydrocarbons enrichment in water samples. Journal of Separation Science, 2019, 42, 1750-1756.	1.3	7
758	Validation of analytical method for furan determination in eight food matrices and its levels in various foods. Journal of Separation Science, 2019, 42, 1012-1018.	1.3	7
759	Multiple stir bar sorptive extraction combined with gas chromatography-mass spectrometry analysis for a tentative identification of bacterial volatile and/or semi-volatile metabolites. Talanta, 2019, 195, 245-250.	2.9	16
760	Applications of solidâ€phase microâ€extraction with mass spectrometry in pesticide analysis. Journal of Separation Science, 2019, 42, 330-341.	1.3	31
761	Solid phase microextraction techniques used for gas chromatography: a review. Acta Chromatographica, 2020, 32, 1-9.	0.7	23
762	Volatile profiling of ArnicÃ£o (Lychnophora salicifolia mart.), a wild medicinal species from Brazilian Cerrado. Plant Biosystems, 2020, 154, 1-8.	0.8	7
763	Factors influencing the sensory perception of reformulated baked confectionary products. Critical Reviews in Food Science and Nutrition, 2020, 60, 1160-1188.	5.4	18
764	A comprehensive look at solid-phase microextraction technique: A review of reviews. Microchemical Journal, 2020, 152, 104319.	2.3	165
765	Palladium Single Atoms on TiO₂ as a Photocatalytic Sensing Platform for Analyzing the Organophosphorus Pesticide Chlorpyrifos. Angewandte Chemie, 2020, 132, 238-242.	1.6	26
766	Palladium Single Atoms on TiO₂ as a Photocatalytic Sensing Platform for Analyzing the Organophosphorus Pesticide Chlorpyrifos. Angewandte Chemie - International Edition, 2020, 59, 232-236.	7.2	103
767	Plasmon-active optical fiber functionalized by metal organic framework for pesticide detection. Talanta, 2020, 208, 120480.	2.9	19
768	Sampling and Sample preparation techniques for environmental analysis. , 2020, , 75-119.		7

#	Article	IF	Citations
769	Rapid Extraction and Analysis of Volatile Solutes with an Effervescent Tablet. Analytical Chemistry, 2020, 92, 2756-2763.	3.2	14
770	Synthesis and characterization of phosphocholine chlorideâ€based threeâ€component deep eutectic solvent: application in dispersive liquidâ€"liquid microextraction for determination of organothiophosphate pesticides. Journal of the Science of Food and Agriculture, 2020, 100, 2364-2371.	1.7	21
771	Development of a stir bar sorptive extraction method coupled to solidification of floating droplets dispersive liquidâ€"liquid microextraction based on deep eutectic solvents for the extraction of acidic pesticides from tomato samples. Journal of Separation Science, 2020, 43, 1119-1127.	1.3	66
772	Contact and fumigant actions of trans-cinnamaldehyde against wood-decay fungi evaluated by using solid-phase microextraction. Wood Science and Technology, 2020, 54, 237-247.	1.4	6
773	A Systematic AQbD Approach for Optimization of the Most Influential Experimental Parameters on Analysis of Fish Spoilage-Related Volatile Amines. Foods, 2020, 9, 1321.	1.9	5
774	The effect of different binders on the comprehensive performance of solid phase microextraction fiber. Analytica Chimica Acta, 2020, 1140, 50-59.	2.6	16
775	Advancement in analytical techniques for the extraction of grape and wine volatile compounds. Food Research International, 2020, 137, 109712.	2.9	39
776	Recent Developments of PFAS-Detecting Sensors and Future Direction: A Review. Micromachines, 2020, 11, 667.	1.4	57
777	Determination of furan and its derivatives in preserved dried fruits and roasted nuts marketed in China using an optimized HS-SPME GC/MS method. European Food Research and Technology, 2020, 246, 2065-2077.	1.6	9
778	Bresaola made from Cinisara cattle: effect of muscle type and animal category on physicochemical and sensory traits. CYTA - Journal of Food, 2020, 18, 383-391.	0.9	10
779	Progress in Rapid Detection Techniques Using Paper-Based Platforms for Food Safety. Chinese Journal of Analytical Chemistry, 2020, 48, 1616-1624.	0.9	21
780	Determination of pesticides of different chemical classes in drinking water of the state of Santa Catarina (Brazil) using solid-phase microextraction coupled to chromatographic determinations. Environmental Science and Pollution Research, 2020, 27, 43870-43883.	2.7	5
781	Selective detection of phospholipids in human blood plasma and single cells for cancer differentiation using dispersed solid-phase microextraction combined with extractive electrospray ionization mass spectrometry. Analyst, The, 2020, 145, 7330-7339.	1.7	14
782	Headspace Solid-Phase Microextraction Coupled with Gas Chromatographyâ€"Mass Spectrometry for the Determination of Volatile Organic Compounds in Urine. Journal of Analytical Chemistry, 2020, 75, 792-801.	0.4	8
783	Solid-phase microextraction technique for sampling and preconcentration of polycyclic aromatic hydrocarbons: A review. Microchemical Journal, 2020, 157, 104967.	2.3	51
784	A Combined Study of Headspace Volatiles using Human Sensory, Mass Spectrometry and Chemometrics. Scientific Reports, 2020, 10, 7773.	1.6	4
785	Recent Advances in the Extraction of Polycyclic Aromatic Hydrocarbons from Environmental Samples. Molecules, 2020, 25, 2182.	1.7	51
786	Effect of Peeling Method on The Volatile Flavor of Citrus Fruit. IOP Conference Series: Earth and Environmental Science, 2020, 474, 032042.	0.2	0

#	Article	IF	Citations
787	Insideâ€tube solidâ€phase microextraction as an interlink between solidâ€phase microextraction and needle device for nâ€hexane evaluation in air and urine headspace. Biomedical Chromatography, 2020, 34, e4924.	0.8	5
788	Sniffing fungi â€“ phenotyping of volatile chemical diversity in Trichoderma species. New Phytologist, 2020, 227, 244-259.	3.5	45
789	Development of the Method for Determination of Volatile Sulfur Compounds (VSCs) in Fruit Brandy with the Use of HSâ€“SPME/GCâ€“MS. Molecules, 2020, 25, 1232.	1.7	17
790	Application of vacuum solid-phase microextraction for the analysis of semi-hard cheese volatiles. European Food Research and Technology, 2020, 246, 573-580.	1.6	11
791	Online Automated Micro Sample Preparation for High-Performance Liquid Chromatography. , 2020, , .		1
792	Flavors and odors analysis. , 2020, , 697-727.		0
793	Analysis of volatile compounds in Paracentrotus lividus by HS-SPME/GS-MS and relation to its sensorial properties. LWT - Food Science and Technology, 2020, 130, 109629.	2.5	9
794	Comparison of headspace solidâ€phase microextraction and solvent extraction method for the simultaneous analysis of various soil fumigants in soil or water by gas chromatographyâ€“mass spectrometry. Journal of Separation Science, 2020, 43, 1499-1513.	1.3	3
795	Application, monitoring and adverse effects in pesticide use: The importance of reinforcement of Good Agricultural Practices (GAPs). Journal of Environmental Management, 2020, 260, 109987.	3.8	99
796	Green Approaches to Sample Preparation Based on Extraction Techniques. Molecules, 2020, 25, 1719.	1.7	55
797	Hollow fiberâ€“liquid phase microextraction method based on a new deep eutectic solvent for extraction and derivatization of some phenolic compounds in beverage samples packed in plastics. Talanta, 2020, 216, 120986.	2.9	58
798	Sample Preparation in Foodomics: Miniaturized Solid-Phase Extraction. , 2021, , 566-580.		0
799	Sensing Food Contaminants: Advances in Analytical Methods and Techniques. Analytical Chemistry, 2021, 93, 23-40.	3.2	47
800	Synthesis of graphitic carbon nitride on 3D porous anodized aluminum wire as new fiber for microextraction of polycyclic aromatic hydrocarbons in water and wastewater samples. Separation Science and Technology, 2021, 56, 2398-2406.	1.3	6
801	Volatile organic compounds of Eastern oyster (Crassostrea virginica) cultured by two treatments and their changes during cold storage. Aquaculture Research, 2021, 52, 1442-1452.	0.9	8
802	In-tube solid-phase microextraction: Current trends and future perspectives. Journal of Chromatography A, 2021, 1636, 461787.	1.8	62
803	Identification and Source Analysis of Volatile Flavor Compounds in Paper Packaged Yogurt by Headspace Solid-Phase Microextraction-Gas Chromatography-Mass Spectrometry. SSRN Electronic Journal, 0, , .	0.4	0
804	Formation of 3-Methylbutanal and 3-Methylbutan-1-ol Recognized as Malty during Fermentation in Swiss Raclette-Type Cheese, Reconstituted Milk, and de Man, Rogosa, and Sharpe Broth. Journal of Agricultural and Food Chemistry, 2021, 69, 717-729.	2.4	10

#	Article	IF	Citations
805	Opuntia spp. Essential Oils. , 2021, , 355-367.		0
806	Perspectives on nanocomposite with polypyrrole and nanoparticles. , 2021, , 103-128.		0
807	Application of combined extraction and microextraction techniques for food waste. , 2021, , 711-722.		1
808	Extraction of volatile organic compounds from leaves of Ambrosia artemisiifolia L. and Artemisia annua L. by headspace-solid phase micro extraction and simultaneous distillation extraction and analysis by gas chromatography/mass spectrometry. Food Science and Biotechnology, 2021, 30, 355-366.	1.2	7
809	New Trend in the Extraction of Pesticides from the Environmental and Food Samples Applying Microextraction Based Green Chemistry Scenario: A Review. Critical Reviews in Analytical Chemistry, 2022, 52, 1343-1369.	1.8	18
810	Synthesis of Niâ€"Ti Three-Dimensional Layered Double Hydroxide on the Surface of Graphene Oxide for Analysis of the Volatile Compounds. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 875-883.	0.7	3
811	Selectively Determination Trace Amounts of Polycyclic Aromatic Hydrocarbons from Water and Wastewater Matrices Using Graphitic Carbon Nitride/Layered Double Hydroxide Nanocomposite on Porous Anodized Aluminum Wire as SPME Fiber. Polycyclic Aromatic Compounds, 2022, 42, 4173-4182.	1.4	2
812	Development of an Ion-Pair Dispersive Liquidâ€"Liquid Microextraction Method Based on a Ternary Deep Eutectic Solvent for Determination of Some Herbicide Residues in Edible Oil Samples. Journal of Chromatographic Science, 2021, , .	0.7	2
813	Optimization of SPMEâ€"GCâ€"MS and characterization of floral scents from Aquilegia japonica and A. amurensis flowers. BMC Chemistry, 2021, 15, 26.	1.6	4
814	Green sample preparation of alternative biosamples in forensic toxicology. Sustainable Chemistry and Pharmacy, 2021, 20, 100388.	1.6	16
815	Polymeric metalâ€containing ionic liquid sorbent coating for the determination of amines using headspace solidâ€phase microextraction. Journal of Separation Science, 2021, 44, 2620-2630.	1.3	9
816	Proteolysis characteristics and aroma development during ripening of functional IranianLighvancheese. Journal of Food Processing and Preservation, 2021, 45, e15615.	0.9	3
817	Changes in the Flavor Compounds in Soy Sauce Stored in Antioxidation Containers. Journal of the Japanese Society for Food Science and Technology, 2021, 68, 306-318.	0.1	0
818	Effect of Different Parameters on Volatile Composition of the Different Parts of Cymbopogon schoenanthus L. Spreng (Poaceae) Extracted by Headspace Solid-phase Microextraction and Hydrodistillation. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 841-862.	0.7	1
819	Optimization and Validation of a HS-SPME/GCâ€"MS Method for the Analysis of Gluten-Free Bread Volatile Flavor Compounds. Food Analytical Methods, 2022, 15, 1155-1170.	1.3	8
820	A Review on the General Cheese Processing Technology, Flavor Biochemical Pathways and the Influence of Yeasts in Cheese. Frontiers in Microbiology, 2021, 12, 703284.	1.5	51
821	Profiling of volatile compounds in Japanese sake stored in sherry casks using solid phase microextraction/gas chromatography/mass spectrometry analysis. Journal of Bioscience and Bioengineering, 2021, 132, 108-112.	1.1	3
822	Comparison of LLE and SPME Methods for Screening the Aroma Compounds in Rum. Journal of the American Society of Brewing Chemists, 0, , 1-10.	0.8	1

#	Article	IF	Citations
823	Elucidating the combined effect of sample preparation and solid-phase microextraction conditions on the volatile composition of cooked meat analyzed by capillary gas chromatography coupled with mass spectrometry. Food Chemistry, 2021, 352, 129380.	4.2	12
824	Chemical Physical Characterization and Profile of Fruit Volatile Compounds from Different Accesses of Myrciaria floribunda (H. West Ex Wild.) O. Berg through Polyacrylate Fiber. Molecules, 2021, 26, 5281.	1.7	9
825	Essential oil characterization of Prunus spinosa L., Salvia officinalis L., Eucalyptus globulus L., Melissa officinalis L. and Mentha x piperita L. by a volatolomic approach. Journal of Pharmaceutical and Biomedical Analysis, 2021, 202, 114167.	1.4	7
826	A comprehensive review on microextraction techniques for sampling and analysis of fuel ether oxygenates in different matrices. Microchemical Journal, 2021, 168, 106437.	2.3	6
827	Papaya (Carica papaya L.) Flavour Profiling. Genes, 2021, 12, 1416.	1.0	13
828	Polydimethylsiloxane/divinylbenzene overcoated fiber and its application to extract and analyse wine volatile compounds by solid-phase microextraction and gas chromatography coupled to mass spectrometry: direct immersion, headspace or both?. Food Research International, 2021, 148, 110632.	2.9	4
829	In situ fabrication of nitrogen doped graphitic carbon networks coating for high-performance extraction of pyrethroid pesticides. Talanta, 2021, 233, 122542.	2.9	22
830	CaracterizaÃ§Ã£o de compostos volÃ¡teis e compostos bioativos da polpa e geleia de cagaita por microextraÃ§Ã£o em fase sÃ³lida no modo headspace e espectrometria de massa por paper spray. Research, Society and Development, 2021, 10, e25610111735.	0.0	3
831	Screening for Sensory Quality in Foods Using Solid Phase Micro-Extraction Tandem Mass Spectrometry. Advances in Experimental Medicine and Biology, 2004, 542, 167-174.	0.8	9
832	Microestrazione in fase solida (SPME). Food, 2014, , 177-214.	0.0	2
833	Principles and Practice of ABA Analysis. , 2014, , 431-446.		3
834	Identification of biogenic organotellurides in Escherichia coli K-12 headspace gases using solid-phase microextraction and gas chromatography. Analytical Biochemistry, 2004, 331, 106-114.	1.1	16
836	Sputtered silicon solid phase microextraction fibers with a polydimethylsiloxane stationary phase with negligible carry-over and phase bleed. Journal of Chromatography A, 2020, 1623, 461065.	1.8	13
837	Comparison of volatile trapping techniques for the comprehensive analysis of food flavourings by Gas Chromatography-Mass Spectrometry. Journal of Chromatography A, 2020, 1624, 461191.	1.8	35
838	Identification of volatile compounds in cured Mexican vanilla (Vanilla planifoliaG. Jackson) beans using headspace solid-phase microextraction with gas chromatography-mass spectrometry. Fruits, 2016, 71, 407-418.	0.3	9
839	Role of lactic acid bacteria in flavor development in traditional Chinese fermented foods: A review. Critical Reviews in Food Science and Nutrition, 2022, 62, 2741-2755.	5.4	99
840	Determination of some selected pesticide residues in apple juice by solid-phase microextraction coupled to gas chromatography - mass spectrometry. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2014, 59, 121-128.	0.2	3
841	Comparison of Flavour and Volatile Flavour Compounds of Mixed Elderberry Juices. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2015, 63, 147-152.	0.2	3

#	Article	IF	Citations
842	Analysis of Pesticides in Food and Environmental Samples. , 0, , .		59
843	Nitrosamines. , 2008, , 687-705.		1
844	Handbook of Food Analysis Instruments. , 0, , .		12
845	Gas Chromatography in Food Analysis. , 2008, , .		5
846	Pigments in Fruit and Vegetables. , 2016, , 120-151.		2
847	Investigation of Tomato Plant Defence Response to Tobacco Mosaic Virus by Determination of Methyl Salicylate with SPME-Capillary GC-MS. Chromatographia, 2004, 59, 263-268.	0.7	28
848	Variation of the volatile content of the fruits ofPeucedanum alsaticumL.. Acta Chromatographica, 2008, 20, 119-133.	0.7	19
849	POLY(DIMETHYLSILOXANE)-POLY(VINYL ALCOHOL) COATED SOLID PHASE MICROEXTRACTION FIBER FOR CHLORPYRIFOS ANALYSIS. Malaysian Journal of Analytical Sciences, 2016, 20, 91-101.	0.2	1
850	A Review on Microextraction Techniques for Selected Triazole Fungicides Determination in Water and Food Samples. Journal of Food Chemistry and Nanotechnology, 2016, 2, .	0.7	9
851	Optimization and Analysis of Acid Treated Trimethylamine using Surface Response and Gas Chromatography Analytical Methods. Current Analytical Chemistry, 2020, 16, 631-640.	0.6	4
852	Changes in SPME-extracted volatile compounds from Iberian ham during ripening. Grasas Y Aceites, 2009, 60, 262-270.	0.3	30
853	Optimization of Solid Phase Microextraction Procedure Followed by Gas Chromatography with Electron Capture Detector for Pesticides Butachlor and Chlorpyrifos. American Journal of Analytical Chemistry, 2014, 05, 535-546.	0.3	14
854	Integration of GC-MS Based Non-Targeted Metabolic Profiling with Headspace Solid Phase Microextraction Enhances the Understanding of Volatile Differentiation in Tobacco Leaves from North Carolina, India and Brazil. American Journal of Plant Sciences, 2012, 03, 1759-1769.	0.3	24
855	Analysis of Volatile Compounds and Identification of Characteristic Aroma Components of <i>Toona sinensis</i> (A. Juss.) Roem. Using GC-MS and GC-O. Food and Nutrition Sciences (Print), 2013, 04, 305-314.	0.2	17
856	Method Optimization Study on Isolation of Volatile Compounds by Headspace Solid-Phase Microextraction (HS-SPME) from Custard Apple (<i>Annona squamosa</i>) Tj ETQq0 0 0 rgBT /Overlock 1		
857	Evaluation of Volatile Compounds of â€œTiger Nut Beverageâ€•(Orxata de Xufla) Headspace by Optimized Solid-Phase Micro-Extraction. Open Access Library Journal (oalib), 2014, 01, 1-15.	0.1	4
858	Correlation between SPME-GC Analysis and the Aroma Intensity for Ginseng Volatiles. Journal of Ginseng Research, 2002, 26, 206-212.	3.0	9
859	Volatile Constituents by Treatment of Artificial Saliva in Fresh Ginseng Root. Journal of Ginseng Research, 2008, 32, 305-310.	3.0	3

#	Article	IF	Citations
860	A Study of Relative Performance of SPME Method for the Analysis of VOC and Some Major Odorous Compounds. Journal of Korean Society for Atmospheric Environment, 2007, 23, 39-49.	0.2	3
862	Development of Analysis Condition and Detection of Volatile Compounds from Cooked Hanwoo Beef by SPME-GC/MS Analysis. Korean Journal for Food Science of Animal Resources, 2010, 30, 73-86.	1.5	36
863	Determination of Volatile Flavor Compounds during Storage of Cereal Added Yogurt using HS-SPME. Korean Journal for Food Science of Animal Resources, 2013, 33, 646-654.	1.5	1
864	Identification the Key Odorants in Different Parts of Hyla Rabbit Meat via Solid Phase Microextraction Using Gas Chromatography Mass Spectrometry. Korean Journal for Food Science of Animal Resources, 2016, 36, 719-728.	1.5	8
865	Adsorption characteristics of polythiophene for tetracyclines and determination of tetracyclines in fish and chicken manure by solid phase extraction-HPLC method. Microchemical Journal, 2022, 173, 106935.	2.3	22
866	Key aroma compounds of Canastra cheese: HS-SPME optimization assisted by olfactometry and chemometrics. Food Research International, 2021, 150, 110788.	2.9	6
867	Identification of Volatile Compounds of 4 Grape Species by Storage Conditions. Journal of the Korean Society of Food Science and Nutrition, 2007, 36, 874-880.	0.2	0
869	Determination of Pesticides in Water. , 2008, , .		1
870	The Analysis of Airborne Trimethylamine Using a Headspace (HS)-SPME Method. Journal of Korean Society for Atmospheric Environment, 2008, 24, 357-366.	0.2	0
871	Mass Spectrometry and Hyphenated Instruments in Food Analysis. , 2008, , .		2
872	Use of modern analytical SPDE and TDAS methods for the analysis of sulphur volatile flavors.. KvasnÃ½ PrÅ¯mysl, 2011, 57, 231-235.	0.1	0
873	Isoflavones. , 2012, , 405-434.		0
874	Effect of Fruit Processing on Product Aroma. Contemporary Food Engineering, 2012, , 387-414.	0.2	0
876	Effect of Post-Harvest Radiation Processing and Storage on Volatile Profile of Minimally Processed Ready-to-Cook (RTC) Cauliflower. Current Nutrition and Food Science, 2017, 13, 68-75.	0.3	0
877	Designing Appropriate Immunoassays for Food Analysis. Food Chemistry, Function and Analysis, 2019, , 46-74.	0.1	0
879	A green analytical method for the analysis of polycyclic aromatic hydrocarbons in oral fluids from crack smokers. Bioanalysis, 2020, 12, 1711-1724.	0.6	0
880	SÃœTLÃœ Ã‡Ä°KOLATA Ä°Ã‡Ä°N KATI FAZ MÄ°KROEKSTRAKSIYON YÃ–NTEMÄ°NÄ°N OPTÄ°MÄ°ZASYONU. GÄ±da, 2010, , 82-96.	0.1	6
881	Comparing different extraction methods for the investigation of red pepper (Capsicum annuum) Tj ETQq1 1 0.784314 rgBT /Over	1.3	0

#	Article	IF	Citations
882	Effect of ageing time on the volatile compounds from cooked horse meat. Meat Science, 2022, 184, 108692.	2.7	19
883	Comparison of Volatile Flavor Compounds from Seven Types of Spiced Beef by Headspace Solid-phase Microextraction Combined with Gas Chromatography-olfactometry-mass Spectrometry (HS-SPME-GC-O-MS). Food Science and Technology Research, 2020, 26, 25-37.	0.3	9
885	Chemotaxonomic variation in volatile component contents and their correlation between climate factors in Chinese prickly ash peels (Zanthoxylum bungeanum Maxim.). Food Chemistry: X, 2021, 12, 100176.	1.8	10
886	Green deep eutectic solvent assisted liquidâ€"liquid microextraction procedure for Sunset Yellow dye in effervescent vitamin C tablets. Journal of the Iranian Chemical Society, 2022, 19, 2359-2366.	1.2	17
887	Laser Desorption Ionizationâ€"Mass Spectrometry with Graphite Carbon Black Nanoparticles for Simultaneous Detection of Taste- and Odor-Active Compounds. ACS Applied Nano Materials, 2022, 5, 2187-2194.	2.4	9
888	Off-Flavors in Aquacultured Fish: Origins and Implications for Consumers. Fishes, 2022, 7, 34.	0.7	6
889	Optimization of Extraction Conditions and Characterization of Volatile Organic Compounds of Eugenia klotzschiana O. Berg Fruit Pulp. Molecules, 2022, 27, 935.	1.7	7
890	Sample preparation strategies for comprehensive volatile fingerprinting. Comprehensive Analytical Chemistry, 2022, , 155-184.	0.7	4
891	Characteristics of enriched components from thermal dissolution extracts of Zhaotong lignite using solid phase microextraction. Fuel, 2022, 314, 122791.	3.4	1
893	Chemical constituents and bioactivities of hops (Humulus lupulus L.) and their effects on beerâ€related microorganisms. Food and Energy Security, 2022, 11, .	2.0	4
894	Thin Film Microextraction Enables Rapid Isolation and Recovery of DNA for Downstream Amplification Assays. Analytical Chemistry, 2022, 94, 3677-3684.	3.2	12
895	Comparison of Two Extraction Techniques (SDE vs. SPME) for the Determination of Garlic and Elephant Garlic Volatile Compounds. Food Analytical Methods, 2022, 15, 1867-1879.	1.3	3
896	Aroma Clouds of Foods: A Step Forward to Unveil Food Aroma Complexity Using GC Ã— GC. Frontiers in Chemistry, 2022, 10, 820749.	1.8	9
897	A review on phytochemical, pharmacological attributes and therapeutic uses of Allium hookeri. Phytomedicine Plus, 2022, 2, 100262.	0.9	10
898	Optimization of SPME-Arrow-GC/MS Method for Determination of Free and Bound Volatile Organic Compounds from Grape Skins. Molecules, 2021, 26, 7409.	1.7	13
899	Simultaneous Distillation Extraction (SDE) and Headspace Solid-Phase Microextraction (HS-SPME) for the Determination of Volatile Organic Compounds (VOCs) by Gas Chromatography â€" Mass Spectrometry (GC-MS) in Perilla Frutescens Foliage from South Korea. Analytical Letters, 0, , 1-18.	1.0	1
900	Quality Evolution and Aroma Profile of Pointed Cabbage in Different Storage Regimes. Frontiers in Plant Science, 2022, 13, 852817.	1.7	1
901	INVESTIGATION OF FLAVOUR PERMANENCE OF STRAWBERRY AND WATERMELON FLAVOURED CHEWING GUMS BY USING RETRONASAL AROMA TRAPPING DEVICE AND SENSORY ANALYSIS TECHNIQUES. GÄ±da, 0, , 408-419.	0.1	0

#	Article	IF	Citations
902	Preconcentration Prior to Gas Chromatography. , 2006, , 41-45.		0
905	Volatiles profiling in heated cheese as analyzed using headspace solidâ€phase microextraction coupled to gas chromatography coupled to mass spectrometry. EFood, 2022, 3, .	1.7	2
906	The chemical, sensory, and volatile characteristics of instant sweet tea (Lithocarpus litseifolius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66 Technology, 2022, 163, 113518.	2.5	9
907	Effective Components and Molecular Mechanism of Agarwood Essential Oil Inhalation and the Sedative and Hypnotic Effects Based on GC-MS-Qtof and Molecular Docking. Molecules, 2022, 27, 3483.	1.7	0
908	Ionic Liquid-Assisted DLLME and SPME for the Determination of Contaminants in Food Samples. Separations, 2022, 9, 170.	1.1	16
909	Correlation between Irradiation Treatment and Metabolite Changes in Bactrocera dorsalis (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overl Chromatography-Mass Spectrometry (GC-MS). Molecules, 2022, 27, 4641.	1.7	3
910	Head-Space SPME for the Analysis of Organophosphorus Insecticides by Novel Silica IL-Based Fibers in Real Samples. Molecules, 2022, 27, 4688.	1.7	5
911	Using Solid-Phase Microextraction Coupled with Reactive Carbon Fiber Ionization-Mass Spectrometry for the Detection of Aflatoxin B1 from Complex Samples. Separations, 2022, 9, 199.	1.1	4
912	Sample Preparation and Analytical Methods for Identifying Organic Compounds in Bituminous Emissions. Molecules, 2022, 27, 5068.	1.7	4
913	Chemical Approach to the Optimization of Conditions Using HS-SPME/GCâ€"MS for Characterization of Volatile Compounds in Eugenia brasiliensis Fruit. Molecules, 2022, 27, 4955.	1.7	1
914	Aroma determination in alcoholic beverages: Green MSâ€based sample preparation approaches. Mass Spectrometry Reviews, 0, , .	2.8	5
916	Identification and source analysis of volatile flavor compounds in paper packaged yogurt by headspace solid-phase microextraction-gas chromatography-mass spectrometry. Food Packaging and Shelf Life, 2022, 34, 100947.	3.3	12
917	Effiziente Methoden in der Aromaâ€•und Geruchsstoffanalytik. Lebensmittelchemie, 2022, 76, .	0.0	0
918	Solid-phase microextraction coatings based on anodic and cathodic plasma electrolytic deposition on titanium wire for determination of nerolidol in aqueous samples. Journal of the Iranian Chemical Society, 0, , .	1.2	0
919	Effect of different drying methods after fermentation on the aroma of Pu-erh tea (ripe tea). LWT - Food Science and Technology, 2022, 171, 114129.	2.5	7
920	Optimization of stir bar sorptive extraction (SBSE) and multi-stir bar sorptive extraction (mSBSE) to improve must volatile compounds extraction. LWT - Food Science and Technology, 2022, 172, 114182.	2.5	5
921	Analysis of Volatile Compounds in Jinhua ham Using Three Extraction Methods Combined with Gas Chromatographyâ€"Time-of-Flight Mass Spectrometry. Foods, 2022, 11, 3897.	1.9	3
922	Untargeted Profiling and Differentiation of Volatiles in Varieties of Meat Using GC Orbitrap MS. Foods, 2022, 11, 3997.	1.9	5

#	Article	IF	Citations
923	Solid-Phase Microextraction for Organic Contamination Control Throughout Assembly and Operational Phases of Space Missions. Astrobiology, 0, , .	1.5	0
924	Metabolite Variation between Nematode and Bacterial Seed Galls in Comparison to Healthy Seeds of Ryegrass Using Direct Immersion Solid-Phase Microextraction (DI-SPME) Coupled with GC-MS. Molecules, 2023, 28, 828.	1.7	1
925	Smelling the difference: separation of healthy and infected button mushrooms via microbial volatile organic compounds. Heliyon, 2023, 9, e12703.	1.4	3
926	Analysis of Spatial-Temporal Variation in Floral Volatiles Emitted from Lagerstroemia caudata by Headspace Solid-Phase Microextraction and GCâ€"MS. Molecules, 2023, 28, 478.	1.7	2
927	Solid-phase microextraction Arrow combined with comprehensive two-dimensional gas chromatographyâ€"mass spectrometry for the elucidation of the volatile composition of honey samples. Analytical and Bioanalytical Chemistry, 0, , .	1.9	2
928	Mechanism of palmitoleic acid oxidation into volatile compounds during heating. Flavour and Fragrance Journal, 0, , .	1.2	1
929	Volatile Compositions of Panax ginseng and Panax quinquifolium Grown for Different Cultivation Years. Foods, 2023, 12, 136.	1.9	1
930	Monitorization of Varietal Aroma Composition Dynamics during Ripening in Intact Vitis vinifera L. Tempranillo Blanco Berries by Hyperspectral Imaging. Journal of Agricultural and Food Chemistry, 2023, 71, 2616-2627.	2.4	0
931	Machine Learning Algorithms Applied to Semi-Quantitative Data of the Volatilome of Citrus and Other Nectar Honeys with the Use of HS-SPME/GCâ€"MS Analysis, Lead to a New Index of Geographical Origin Authentication. Foods, 2023, 12, 509.	1.9	3
932	Gas chromatography and multivariate analysis for wheat flours. , 2023, , 149-169.		0
934	Green chemistry methods for food analysis: Overview of sample preparation and determination. Advances in Sample Preparation, 2023, 5, 100053.	1.1	9
935	A Comprehensive Review of Pesticide Residues in Peppers. Foods, 2023, 12, 970.	1.9	7
936	BazÄ± AcÄ± Bakla Genotiplerine Ait UÃ§ucu BileÅŸiklerin SPME GC-MS YÃ¶ntemiyle Karakterizasyonu. KahramanmaraÅŸ SÃ¼tÃ§Ã¼ Ä°mam Ãœniversitesi TarÄ±m Ve DoÄŸa Dergisi, 0, , .	0.2	0
937	Metabolomics integrated with machine learning to discriminate the geographic origin of Rougui Wuyi rock tea. Npj Science of Food, 2023, 7, .	2.5	5
938	Recent Research Advancements of Coffee Quality Detection: Targeted Analyses vs. Nontargeted Fingerprinting and Related Issues. Journal of Food Quality, 2023, 2023, 1-19.	1.4	2
939	Untargeted and Targeted Analysis by Using Innovative and Automated SPME Methods Combined with Various Chromatographic Techniques. , 2023, , 249-268.		0
940	Analytical methods for the analysis of volatile natural products. Natural Product Reports, 2023, 40, 922-956.	5.2	2
941	Sample preparation strategies for the analysis of contaminants in foods. , 2023, , 231-251.		0

#	Article	IF	Citations
949	Flavour Development in Cheese. , 2023, , 136-164.		0
950	Key aroma compounds in Tom Yum Flavour. AIP Conference Proceedings, 2023, , .	0.3	0
953	Current status and future challenges of chlorobenzenes pollution in soil and groundwater (CBsPSG) in the twenty-first century: a bibliometric analysis. Environmental Science and Pollution Research, 0, , .	2.7	0