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Continuous monitoring of volatile organic compounds in air emissions using an on-line membrane extraction-microtrap-gas chromatographic system

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Journal of Chromatography A, 1996, 736, 165-173.

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#	Paper	IF	Citations
54	Gas chromatography. <i>Journal of Chromatography A</i> , 1996 , 748, B410-B424	4.5	
53	Environmental analysis. <i>Analytical Chemistry</i> , 1997 , 69, 251R-287R	7.8	54
52	Hyphenated pervaporation-solid-phase preconcentration-gas chromatography for the determination of volatile organic compounds in solid samples. <i>Journal of Chromatography A</i> , 1997 , 779, 352-359	4.5	37
51	On-line gas chromatography-mass spectrometry for process monitoring using solvent-free sample preparation. <i>Journal of Chromatography A</i> , 1998 , 819, 51-60	4.5	20
50	Development of pulse introduction membrane extraction for analysis of volatile organic compounds in individual aqueous samples, and for continuous on-line monitoring. <i>Journal of Chromatography A</i> , 1998 , 826, 39-47	4.5	19
49	Application of on-line membrane extraction microtrap gas chromatography (OLMEM-GC) for continuous monitoring of VOC emission. <i>Journal of Separation Science</i> , 1998 , 10, 393-399		6
48	On-line sample treatment-capillary gas chromatography. <i>Chromatographia</i> , 1998 , 47, 313-345	2.1	39
47	Development of Membrane Purge and Trap for Measurement of Volatile Organics in Water. <i>Analytical Letters</i> , 1998 , 31, 367-379	2.2	14
46	Experimental study on solvent-less sample preparation methods. <i>Journal of Chromatography A</i> , 1999 , 830, 365-376	4.5	45
45	Gas chromatography with spectroscopic detectors. <i>Journal of Chromatography A</i> , 1999 , 856, 349-97	4.5	64
44	Membrane Extraction Combined with Thermodesorption/Gas Chromatography and Mass Selective Detection for the Analysis of Volatile Organic Compounds in Water. <i>Journal of High Resolution Chromatography</i> , 1999 , 22, 205-212		10
43	Microtrap interface for on-line mass spectrometric monitoring of air emissions. <i>Journal of Mass Spectrometry</i> , 1999 , 34, 478-485	2.2	11
42	Membrane extraction with a sorbent interface (MESI): An efficient and fast cleanup method for the hollow silicone membrane. <i>Journal of Separation Science</i> , 1999 , 11, 29-35		3
41	Enhancement of extraction efficiency and reduction of boundary layer effects in pulse introduction membrane extraction. <i>Analytical Chemistry</i> , 1999 , 71, 4407-12	7.8	6
40	Membrane-based techniques for sample enrichment. <i>Journal of Chromatography A</i> , 2000 , 902, 205-25	4.5	240
39	Calibration of membrane extraction for air analysis. <i>Analytical Chemistry</i> , 2000 , 72, 1064-71	7.8	14
38	Membrane extraction with a sorbent interface for headspace monitoring of aqueous samples using a cap sampling device. <i>Analytical Chemistry</i> , 2000 , 72, 1058-63	7.8	28

37	Gas injection membrane extraction for fast on-line analysis using GC detection. <i>Analytical Chemistry</i> , 2001 , 73, 5462-7	7.8	20
36	Design of continuous-monitoring device based on membrane extraction with sorbent interface and micro-gas chromatograph. <i>Field Analytical Chemistry and Technology</i> , 2001 , 5, 69-74		8
35	Membrane extraction in analytical chemistry. <i>Journal of Separation Science</i> , 2001 , 24, 495-507	3.4	191
34	Combining membrane extraction with mobile gas chromatography for the field analysis of volatile organic compounds in contaminated waters. <i>Journal of Chromatography A</i> , 2001 , 909, 3-12	4.5	29
33	Chapter 14 Membrane extraction. <i>Comprehensive Analytical Chemistry</i> , 2002 , 37, 479-502	1.9	3
32	Continuous On-Line Monitoring of Trihalomethanes in Chlorinated Drinking Water Using an Automated System Based on Pulse Introduction Membrane Extraction and High Speed Gas Chromatography/Mass Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2002 , 49, 921-926	1.5	
31	Membrane and trap system for continuous monitoring of volatile organic compounds using a portable gas chromatograph with thermal conductivity detector. <i>Journal of Separation Science</i> , 2002 , 25, 447-452	3.4	11
30	Continuous permeation of analytes through a thin poly(dimethylsiloxane) membrane followed by sorbent trapping for their gas chromatographic monitoring. <i>Journal of Chromatography A</i> , 2002 , 964, 1-9	4.5	6
29	Ambient air analysis of volatile organic compounds using adsorptive enrichment. <i>Chromatographia</i> , 2003 , 57, S339-S347	2.1	46
28	Membrane in tandem with a helical sorbent trap as continuous sampling technique of the polyvinyl chloride thermo-oxidative degradation products for their on-line gas chromatographic monitoring. <i>Analytica Chimica Acta</i> , 2003 , 491, 163-171	6.6	3
27	Helical sorbent microtrap for continuous sampling by a membrane and trap interface for on-line gas chromatographic monitoring of volatile organic compounds. <i>Analytical Chemistry</i> , 2003 , 75, 736-41	7.8	10
26	Simultaneous extraction and concentration by on-line hollow fiber membrane extraction. <i>Analytical Chemistry</i> , 2003 , 75, 6355-60	7.8	29
25	New developments in integrated sample preparation for bioanalysis. <i>Handbook of Analytical Separations</i> , 2003 , 4, 1-44	0.7	1
24	Production and deposition of adsorbent films by plasma polymerization on low cost micromachined non-planar microchannels for preconcentration of organic compound in air. <i>Sensors and Actuators B: Chemical</i> , 2005 , 108, 435-444	8.5	13
23	On-line membrane preconcentration for continuous monitoring of trace pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 81-6	3.5	15
22	Development of a total analytical system by interfacing membrane extraction, pervaporation and high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2005 , 1068, 237-42	4.5	18
21	Microtrap modulated flame ionization detector for on-line monitoring of methane. <i>Journal of Chromatography A</i> , 2005 , 1072, 243-8	4.5	22
20	Continuous, on-line monitoring of haloacetic acids via membrane extraction. <i>Journal of Chromatography A</i> , 2005 , 1089, 39-44	4.5	31

19	Influence of scaling effects on designing for power efficiency of a micropreconcentrator. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005 , 23, 599		1
18	Progressive thermal desorption of vapor mixtures from a preconcentrator with a porous metal foam internal architecture and variable thermal ramp rates. <i>Analytical Chemistry</i> , 2005 , 77, 1867-75	7.8	11
17	Preconcentration in gas or liquid phases using adsorbent thin films. <i>Materials Research</i> , 2006 , 9, 33-40	1.5	1
16	Miniaturized membrane-assisted solvent extraction combined with gas chromatography/electron-capture detection applied to the analysis of volatile organic compounds. <i>Journal of Chromatography A</i> , 2006 , 1103, 211-8	4.5	38
15	Development of continuous on-line purge and trap analysis. <i>Journal of Separation Science</i> , 2006 , 29, 446-54	5.4	13
14	Automated, on-line membrane extraction. <i>Journal of Chromatography A</i> , 2007 , 1152, 199-214	4.5	68
13	Barrier film protected, and mixed solvent optimized micro-scale membrane extraction of methyl carbamate pesticides. <i>Journal of Chromatography A</i> , 2007 , 1154, 60-5	4.5	20
12	Solvent exchange using hollow fiber prior to separation and determination of some antioxidants by high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007 , 594, 75-80	6.6	3
11	Nanostructured copper thin film used for catalysis. <i>Sensors and Actuators B: Chemical</i> , 2008 , 130, 141-148	8.5	4
10	Carbon nanotubes as sorbents for the gas phase preconcentration of semivolatile organics in a microtrap. <i>Analyst, The</i> , 2008 , 133, 1076-82	5	30
9	Sample preparation for gas chromatographic determination of halogenated volatile organic compounds in environmental and biological samples. <i>Journal of Chromatography A</i> , 2009 , 1216, 422-41	4.5	23
8	High performance liquid chromatography-tandem mass spectrometry for the analysis of 10 pesticides in water: a comparison between membrane-assisted solvent extraction and solid phase extraction. <i>Journal of Chromatography A</i> , 2009 , 1216, 5800-6	4.5	42
7	Modifying the sorption properties of multi-walled carbon nanotubes via covalent functionalization. <i>Analyst, The</i> , 2009 , 134, 1928-33	5	52
6	Membrane Techniques in Analytical Applications: Developments and Recent Advances. 2009 ,		
5	Methane preconcentration in a microtrap using multiwalled carbon nanotubes as sorbents. <i>Analytica Chimica Acta</i> , 2010 , 677, 50-4	6.6	16
4	Membrane-Based Extraction for Environmental Analysis. 2012 , 591-602		2
3	Indoor Air Sampling. 2012 , 125-161		2
2	Novel fabricated silver particles/polypyrrole printed circuit board passive samplers for volatile organic compounds monitoring. <i>Microchemical Journal</i> , 2013 , 108, 180-187	4.8	3

1 Sample preparation using liquid membrane extraction techniques. *Water S A*, **2018**, 34, 421

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