

# Hian Kee Lee

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5107610/hian-kee-lee-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

399  
papers

16,947  
citations

73  
h-index

107  
g-index

409  
ext. papers

17,884  
ext. citations

4.9  
avg, IF

7.17  
L-index

#	Paper	IF	Citations
399	Polyoxometalate-based materials in extraction, and electrochemical and optical detection methods: A review.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1209, 339509	6.6	3
398	Two-dimensional materials as a platform in extraction methods: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 116606	14.6	1
397	Online water sampling-Mix-assisted miniscale liquid-liquid extraction coupled with full evaporation dynamic headspace concentration of polybrominated diphenyl ethers.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1673, 463123	4.5	
396	Cucurbit(n)uril-functionalized magnetic composite for the dispersive solid-phase extraction of perfluoroalkyl and polyfluoroalkyl substances in environmental samples with determination by ultra-high performance liquid chromatography coupled to Orbitrap high-resolution mass spectrometry. <i>Journal of Chromatography A</i> , <b>2022</b> , 463151	4.5	0
395	Solvent-free magnetic-tip microextraction into a single drop for fluorescence sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 131044	8.5	4
394	Comparison of automated mixer-assisted mini-scale liquid-liquid extraction coupled with full evaporation dynamic headspace extraction with United States Environmental Protection Agency methods for the gas chromatography-mass spectrometric analysis of chlorinated benzenes. <i>Journal of Chromatography A</i> , <b>2021</b> , 1647, 462131	4.5	1
393	Recent advances in the detection of multiple microRNAs. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 139, 116269	14.6	5
392	Application of smartphone-based spectroscopy to biosample analysis: A review. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 172, 112788	11.8	43
391	Sodium dodecyl sulfate-multi-walled carbon nanotubes-coated-membrane solid phase extraction of glucocorticoids in aqueous matrices. <i>Talanta</i> , <b>2021</b> , 221, 121624	6.2	5
390	Microextraction and its application for petroleum and crude oil samples. <i>Journal of Chromatography A</i> , <b>2021</b> , 1636, 461795	4.5	2
389	Fully automated graphitic carbon nitride-based disposable pipette extraction-gas chromatography-mass spectrometric analysis of six polychlorinated biphenyls in environmental waters. <i>Journal of Chromatography A</i> , <b>2021</b> , 1637, 461824	4.5	7
388	Enhanced microextraction of endocrine disrupting chemicals adsorbed on airborne fine particulate matter with gas chromatography-tandem mass spectrometric analysis. <i>Journal of Chromatography A</i> , <b>2021</b> , 1637, 461828	4.5	2
387	Logarithmic Data Processing Can Be Used Justifiably in the Plotting of a Calibration Curve. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 12156-12161	7.8	6
386	Three-dimensional DNA/Ni-Fe layered double oxide frame networks-induced $\mu$ sp-exposure of Au@Ag nanostars for ultrasensitive determination of kanamycin. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 343, 130082	8.5	5
385	Solvent-loaded metal-organic framework of type MIL-101(Cr)-NH for the dispersive solid-phase extraction and UHPLC-MS/MS analysis of herbicides from paddy field waters. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 30	5.8	2
384	Application of Chiral and Achiral Supercritical Fluid Chromatography in Pesticide Analysis: A Review. <i>Journal of Chromatography A</i> , <b>2020</b> , 1634, 461684	4.5	12
383	Highly Sensitive Detection of Multiple MicroRNAs by High-Performance Liquid Chromatography Coupled with Long and Short Probe-Based Recycling Amplification. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5033-5040	7.8	21

382	Direct immersion single-drop microextraction of semi-volatile organic compounds in environmental samples: A review. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 393, 122403	12.8	16
381	Fully Automated Water Sampling-Surfactant-Enhanced Membrane Bag Liquid-Phase Microextraction-Ultrahigh Performance Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5362-5369	7.8	7
380	Bubble-in-drop microextraction of carbamate pesticides followed by gas chromatography-mass spectrometric analysis. <i>Microchemical Journal</i> , <b>2020</b> , 155, 104666	4.8	12
379	Graphitic carbon nitride as sorbent for the emulsification-enhanced disposable pipette extraction of eight organochlorine pesticides prior to GC-MS analysis. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 129	5.8	12
378	Emulsification-assisted micro-solid-phase extraction using a metal-organic framework as sorbent for the liquid chromatography-tandem mass spectrometric analysis of polar herbicides from aqueous samples. <i>Talanta</i> , <b>2020</b> , 216, 120962	6.2	5
377	A combined microextraction procedure for isolation of polycyclic aromatic hydrocarbons in ambient fine air particulate matter with determination by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2020</b> , 1612, 460646	4.5	8
376	Recent advances in the application of layered double hydroxides in analytical chemistry: A review. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1103, 32-48	6.6	48
375	A review of extraction methods for the analysis of pharmaceuticals in environmental waters. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2020</b> , 50, 2271-2299	11.1	11
374	Highly efficient porous sorbent derived from asphalt for the solid-phase extraction of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , <b>2020</b> , 1631, 461559	4.5	2
373	Gold nanoprism/Tollens' reagent complex as plasmonic sensor in headspace single-drop microextraction for colorimetric detection of formaldehyde in food samples using smartphone readout. <i>Talanta</i> , <b>2020</b> , 220, 121388	6.2	22
372	Microextraction and analysis of contaminants adsorbed on atmospheric fine particulate matter: A review. <i>Journal of Chromatography A</i> , <b>2020</b> , 1627, 461433	4.5	7
371	Magnetic Three-Phase Single-Drop Microextraction for Rapid Amplification of the Signals of DNA and MicroRNA Analysis. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 12290-12296	7.8	14
370	Micro-solid-phase extraction <b>2020</b> , 443-471		1
369	Materials-Based Sample Preparation in Water Analysis <b>2019</b> , 795-824		1
368	Enhancing liquid-phase microextraction efficiency through chemical reactions. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 118, 426-433	14.6	10
367	Smartphone Nanocolorimetric Determination of Hydrogen Sulfide in Biosamples after Silver-Gold Core-Shell Nanoprism-Based Headspace Single-Drop Microextraction. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 5888-5895	7.8	43
366	A hydrogel composite prepared from alginate, an amino-functionalized metal-organic framework of type MIL-101(Cr), and magnetite nanoparticles for magnetic solid-phase extraction and UHPLC-MS/MS analysis of polar chlorophenoxy acid herbicides. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 545	5.8	21
365	A metal-organic framework of type MIL-101(Cr) for emulsification-assisted micro-solid-phase extraction prior to UHPLC-MS/MS analysis of polar estrogens. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 165	5.8	24

364	In-syringe extraction using compressible and self-recoverable, amphiphilic graphene aerogel as sorbent for determination of phenols. <i>Talanta</i> , <b>2019</b> , 195, 165-172	6.2	27
363	Environmentally friendly etching of stainless steel wire for plunger-in-needle liquid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , <b>2019</b> , 197, 465-471	6.2	8
362	A fully automated analytical platform integrating water sampling-miniscale-liquid-liquid extraction-full evaporation dynamic headspace concentration-gas chromatography-mass spectrometry for the analysis of ultraviolet filters. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1006, 33-41	6.6	15
361	Automated bundled hollow fiber array-liquid-phase microextraction with liquid chromatography tandem mass spectrometric analysis of perfluorinated compounds in aqueous media. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1019, 74-83	6.6	25
360	Automation of ionic liquid enhanced membrane bag-assisted-liquid-phase microextraction with liquid chromatography-tandem mass spectrometry for determination of glucocorticoids in water. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1035, 77-86	6.6	11
359	Electro membrane extraction of organic acids in undiluted honey with ion chromatographic analysis. <i>Microchemical Journal</i> , <b>2018</b> , 143, 234-242	4.8	4
358	Needle-based sampling coupled with colorimetric reaction catalyzed by layered double hydroxide peroxidase mimic for rapid detection of the change of d-glucose levels with time in bananas. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1001, 32-39	6.6	20
357	Single-drop microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 108, 306-313	14.6	86
356	Determination of glyoxal and methylglyoxal in atmospheric fine particulate matter by vortex-assisted micro-solid phase extraction and liquid chromatography-diode array detection. <i>Journal of Chromatography A</i> , <b>2018</b> , 1573, 42-47	4.5	9
355	pH-dependent selective ion exchange based on (ethylenediaminetetraacetic acid-nickel)-layered double hydroxide to catalyze the polymerization of aniline for detection of Cu and Fe. <i>Talanta</i> , <b>2018</b> , 187, 287-294	6.2	8
354	An alternative perspective of hollow fiber-mediated extraction: Bundled hollow fiber array-liquid-phase microextraction with sonication-assisted desorption and liquid chromatography-tandem mass spectrometry for determination of estrogens in aqueous matrices. <i>Journal of Chromatography A</i> , <b>2017</b> , 1488, 26-36	4.5	19
353	Ordered mesoporous carbon as sorbent for the extraction of N-nitrosamines in wastewater and swimming pool water. <i>Journal of Chromatography A</i> , <b>2017</b> , 1513, 35-41	4.5	12
352	Combined dispersive solid-phase extraction-dispersive liquid-liquid microextraction-derivatization for gas chromatography-mass spectrometric determination of aliphatic amines on atmospheric fine particles. <i>Journal of Chromatography A</i> , <b>2017</b> , 1486, 86-95	4.5	19
351	Microextraction and Solventless Techniques <b>2017</b> , 415-450		2
350	Miniscale Liquid-Liquid Extraction Coupled with Full Evaporation Dynamic Headspace Extraction for the Gas Chromatography/Mass Spectrometric Analysis of Polycyclic Aromatic Hydrocarbons with 4000-to-14 000-fold Enrichment. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 9095-102	7.8	14
349	Removal of haloethers, trihalomethanes and haloketones from water using <i>Moringa oleifera</i> seeds. <i>International Journal of Environmental Science and Technology</i> , <b>2016</b> , 13, 2609-2618	3.3	7
348	Micro-solid phase extraction of perfluorinated carboxylic acids from human plasma. <i>Journal of Chromatography A</i> , <b>2016</b> , 1432, 7-16	4.5	28
347	Simple and accurate measurement of carbamazepine in surface water by use of porous membrane-protected micro-solid-phase extraction coupled with isotope dilution mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2016</b> , 912, 49-57	6.6	20

346	Magnetic micro-solid-phase-extraction of polycyclic aromatic hydrocarbons in water. <i>Journal of Chromatography A</i> , <b>2016</b> , 1440, 23-30	4.5	55
345	Syringe needle-based sampling coupled with liquid-phase extraction for determination of the three-dimensional distribution of l-ascorbic acid in apples. <i>Food Chemistry</i> , <b>2016</b> , 199, 533-40	8.5	8
344	Fast automated dual-syringe based dispersive liquid-liquid microextraction coupled with gas chromatography-mass spectrometry for the determination of polycyclic aromatic hydrocarbons in environmental water samples. <i>Journal of Chromatography A</i> , <b>2016</b> , 1438, 1-9	4.5	54
343	Automated Agitation-Assisted Demulsification Dispersive Liquid-Liquid Microextraction. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 2548-52	7.8	31
342	Evaluation of graphene-based sorbent in the determination of polar environmental contaminants in water by micro-solid phase extraction-high performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2016</b> , 1427, 29-36	4.5	36
341	Advances in Sample Extraction. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 228-49	7.8	131
340	Recent advances in the separation and quantification of metallic nanoparticles and ions in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 75, 183-196	14.6	58
339	Micro-solid phase extraction followed by thermal extraction coupled with gas chromatography-mass selective detector for the determination of polybrominated diphenyl ethers in water. <i>Journal of Chromatography A</i> , <b>2016</b> , 1458, 25-34	4.5	14
338	Selective extraction by dissolvable (nitrioloacetic acid-nickel)-layered double hydroxide coupled with reaction with potassium thiocyanate for sensitive detection of iron(III). <i>Talanta</i> , <b>2016</b> , 154, 416-22	6.2	9
337	Application of porous membrane-protected chitosan microspheres to determine benzene, toluene, ethylbenzene, xylenes and styrene in water. <i>Journal of Chromatography A</i> , <b>2016</b> , 1448, 42-48	4.5	28
336	Online solid phase extraction with liquid chromatography-tandem mass spectrometry for determination of estrogens and glucocorticoids in water. <i>Journal of Chromatography A</i> , <b>2016</b> , 1465, 9-19	4.5	37
335	Fully Automated Headspace Bubble-in-Drop Microextraction. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 8409-14	7.8	18
334	Determination of haloacetic acids in water using layered double hydroxides as a sorbent in dispersive solid-phase extraction followed by liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 3610-5	3.4	18
333	Introducing surface-modified ordered mesoporous carbon as a promising sorbent for extraction of N-nitrosamines. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 481, 39-46	9.3	7
332	Application of microwave-assisted micro-solid-phase extraction for determination of parabens in human ovarian cancer tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 1000, 192-8	3.2	37
331	Polypropylene membrane coated with carbon nanotubes functionalized with chitosan: Application in the microextraction of polychlorinated biphenyls and polybrominated diphenyl ethers from environmental water samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1408, 56-62	4.5	17
330	Carbonized polydopamine as coating for solid-phase microextraction of organochlorine pesticides. <i>Journal of Chromatography A</i> , <b>2015</b> , 1399, 8-17	4.5	32
329	Application of surfactant-templated ordered mesoporous material as sorbent in micro-solid phase extraction followed by liquid chromatography-triple quadrupole mass spectrometry for determination of perfluorinated carboxylic acids in aqueous media. <i>Talanta</i> , <b>2015</b> , 141, 200-6	6.2	33

328	Micro-solid-phase extraction of organochlorine pesticides using porous metal-organic framework MIL-101 as sorbent. <i>Journal of Chromatography A</i> , <b>2015</b> , 1401, 9-16	4.5	122
327	Performance of metal-organic framework MIL-101 after surfactant modification in the extraction of endocrine disrupting chemicals from environmental water samples. <i>Talanta</i> , <b>2015</b> , 143, 366-373	6.2	30
326	Electro membrane extraction using sorbent filled porous membrane bag. <i>Journal of Chromatography A</i> , <b>2015</b> , 1423, 1-8	4.5	12
325	Study and comparison of polydopamine and its derived carbon decorated nanoparticles in the magnetic solid-phase extraction of estrogens. <i>Journal of Chromatography A</i> , <b>2015</b> , 1414, 41-50	4.5	41
324	Magnetic core-shell iron(II,III) oxide@layered double oxide microspheres for removal of 2,5-dihydroxybenzoic acid from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 437, 316-323	9.3	27
323	Ultra-hydrophobic ionic liquid 1-hexyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate supported hollow-fiber membrane liquid-liquid-liquid microextraction of chlorophenols. <i>Talanta</i> , <b>2015</b> , 132, 132-6	6.2	22
322	Determination of N-nitrosamines by automated dispersive liquid-liquid microextraction integrated with gas chromatography and mass spectrometry. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1741-8	3.4	21
321	Selective extraction and release using (EDTA-Ni)-layered double hydroxide coupled with catalytic oxidation of 3,3',5,5'-tetramethylbenzidine for sensitive detection of copper ion. <i>Analytica Chimica Acta</i> , <b>2015</b> , 885, 106-13	6.6	22
320	Graphene oxide-based dispersive solid-phase extraction combined with in situ derivatization and gas chromatography-mass spectrometry for the determination of acidic pharmaceuticals in water. <i>Journal of Chromatography A</i> , <b>2015</b> , 1426, 69-76	4.5	38
319	Determination of total thyroxine in human serum by hollow fiber liquid-phase microextraction and liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , <b>2014</b> , 126, 163-9	6.2	16
318	Application of electro-enhanced solid phase microextraction combined with gas chromatography-mass spectrometry for the determination of tricyclic antidepressants in environmental water samples. <i>Journal of Chromatography A</i> , <b>2014</b> , 1350, 15-22	4.5	29
317	Development and evaluation of plunger-in-needle liquid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2014</b> , 1326, 20-8	4.5	16
316	Automated dispersive liquid-liquid microextraction-gas chromatography-mass spectrometry. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 3743-9	7.8	68
315	Role of combinatorial environmental factors in the behavior and fate of ZnO nanoparticles in aqueous systems: a multiparametric analysis. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 264, 370-9	12.8	34
314	Determination of perfluorinated carboxylic acids in fish fillet by micro-solid phase extraction, followed by liquid chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , <b>2014</b> , 1369, 26-32	4.5	27
313	Automated dispersive solid-phase extraction using dissolvable Fe <sub>3</sub> O <sub>4</sub> -layered double hydroxide core-shell microspheres as sorbent. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 11070-6	7.8	68
312	Combined effects of water temperature and chemistry on the environmental fate and behavior of nanosized zinc oxide. <i>Science of the Total Environment</i> , <b>2014</b> , 496, 585-593	10.2	44
311	Evaluation of a cloud point extraction approach for the preconcentration and quantification of trace CuO nanoparticles in environmental waters. <i>Analytica Chimica Acta</i> , <b>2014</b> , 814, 39-48	6.6	45

310	In-syringe dispersive solid-phase extraction using dissolvable layered double oxide hollow spheres as sorbent followed by high-performance liquid chromatography for determination of 11 phenols in river water. <i>Journal of Chromatography A</i> , <b>2014</b> , 1373, 31-9	4.5	43
309	Toward a robust analytical method for separating trace levels of nano-materials in natural waters: cloud point extraction of nano-copper(II) oxide. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 11811-22	5.1	7
308	Application of dissolvable layered double hydroxides as sorbent in dispersive solid-phase extraction and extraction by co-precipitation for the determination of aromatic acid anions. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 7426-33	7.8	90
307	Efficient hydrophobization and solvent microextraction for determination of trace nano-sized silver and titanium dioxide in natural waters. <i>Analytica Chimica Acta</i> , <b>2013</b> , 789, 47-57	6.6	27
306	Liquid phase microextraction using knitting wool as the extractant phase holder before chromatographic analysis: a new approach for trace analysis. <i>Journal of Chromatography A</i> , <b>2013</b> , 1273, 12-7	4.5	34
305	Membrane assisted micro-solid phase extraction of pharmaceuticals with amino and urea-grafted silica gel. <i>Journal of Chromatography A</i> , <b>2013</b> , 1316, 8-14	4.5	18
304	Low-density solvent-based vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction combined with gas chromatography-mass spectrometry for the fast determination of phthalate esters in bottled water. <i>Journal of Chromatography A</i> , <b>2013</b> , 1274, 28-35	4.5	107
303	Ionic liquid based dispersive liquid-liquid microextraction coupled with micro-solid phase extraction of antidepressant drugs from environmental water samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1317, 217-22	4.5	72
302	Determination of ultraviolet filters in environmental water samples by temperature-controlled ionic liquid dispersive liquid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2013</b> , 1271, 56-61	4.5	56
301	Electroenhanced solid-phase microextraction of methamphetamine with commercial fibers. <i>Journal of Chromatography A</i> , <b>2013</b> , 1297, 12-6	4.5	12
300	Vortex-assisted micro-solid-phase extraction followed by low-density solvent based dispersive liquid-liquid microextraction for the fast and efficient determination of phthalate esters in river water samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 24-30	4.5	57
299	Microwave assisted extraction combined with solvent bar microextraction for one-step solvent-minimized extraction, cleanup and preconcentration of polycyclic aromatic hydrocarbons in soil samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1286, 9-15	4.5	42
298	Role of water temperature in the fate and transport of zinc oxide nanoparticles in aquatic environment. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 429, 012039	0.3	7
297	Materials-based approaches to minimizing solvent usage in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 39, 228-244	14.6	47
296	Simultaneous determination of ultraviolet filters in aqueous samples by plunger-in-needle solid-phase microextraction with graphene-based sol-gel coating as sorbent coupled with gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2012</b> , 742, 67-73	6.6	58
295	Ionic liquid-based ultrasound-assisted dispersive liquid-liquid microextraction followed high-performance liquid chromatography for the determination of ultraviolet filters in environmental water samples. <i>Analytica Chimica Acta</i> , <b>2012</b> , 750, 120-6	6.6	89
294	Electro membrane extraction of biological anions with ion chromatographic analysis. <i>Analytica Chimica Acta</i> , <b>2012</b> , 739, 31-6	6.6	24
293	Determination of ultraviolet filters in water samples by vortex-assisted dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1249, 25-31	4.5	73

292	A new 1-hexyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate ionic liquid based ultrasound-assisted emulsification microextraction for the determination of organic ultraviolet filters in environmental water samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1251, 27-32	4.5	41
291	Application of ultrasound-assisted emulsification microextraction based on applying low-density organic solvent for the determination of organochlorine pesticides in water samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1252, 67-73	4.5	37
290	Sorbent-Phase Sample Preparation in Environmental Analysis <b>2012</b> , 541-567		1
289	Investigation of bioaccumulation profile of oestrogens in zebrafish liver by hollow fibre protected liquid phase microextraction with gas chromatography-mass spectrometric detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 909, 37-41	3.2	16
288	Sonication-assisted emulsification microextraction combined with vortex-assisted porous membrane-protected micro-solid-phase extraction using mixed zeolitic imidazolate frameworks 8 as sorbent. <i>Journal of Chromatography A</i> , <b>2012</b> , 1263, 1-6	4.5	76
287	Zeolite imidazolate frameworks 8 as sorbent and its application to sonication-assisted emulsification microextraction combined with vortex-assisted porous membrane-protected micro-solid-phase extraction for fast analysis of acidic drugs in environmental water samples.	4.5	85
286	PREPARATION AND APPLICATION OF MIXED OCTADECYLSILYL- AND (3-(C-METHYLCALIX[4]RESORCINARENE)-HYDROXYPROPOXY)-PROPYLSILYLAPPENDED SILICA PARTICLES AS STATIONARY PHASE FOR HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Instrumentation Science and Technology</i> , <b>2012</b> , 40, 100-111	1.4	5
285	Chemometric analytical approach for the cloud point extraction and inductively coupled plasma mass spectrometric determination of zinc oxide nanoparticles in water samples. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 6546-52	7.8	80
284	Sample Preparation of Complex Biological Samples in the Analysis of Trace-Level Contaminants <b>2012</b> , 681-700		3
283	Ionic liquid based hollow fiber supported liquid phase microextraction of ultraviolet filters. <i>Journal of Chromatography A</i> , <b>2012</b> , 1229, 1-5	4.5	76
282	Evaluation of sulfonated graphene sheets as sorbent for micro-solid-phase extraction combined with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1233, 16-21	4.5	105
281	Low-density solvent based ultrasound-assisted emulsification microextraction and on-column derivatization combined with gas chromatography-mass spectrometry for the determination of carbamate pesticides in environmental water samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1235, 1-9	4.5	48
280	One step solvent bar microextraction and derivatization followed by gas chromatography-mass spectrometry for the determination of pharmaceutically active compounds in drain water samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1235, 26-33	4.5	33
279	Electro membrane extraction followed by low-density solvent based ultrasound-assisted emulsification microextraction combined with derivatization for determining chlorophenols and analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1243, 14-22	4.5	85
278	Chemical Warfare Agents: Development and Applications of Sample Preparation Approaches <b>2012</b> , 603-613		1
277	Fully automated dynamic in-syringe liquid-phase microextraction and on-column derivatization of carbamate pesticides with gas chromatography/mass spectrometric analysis. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 6856-61	7.8	90
276	Electromembrane extraction and HPLC analysis of haloacetic acids and aromatic acetic acids in wastewater. <i>Talanta</i> , <b>2011</b> , 86, 109-13	6.2	46
275	Progress in sample extraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2011</b> , 30, 1699-1701	14.6	5

274	Water stability of zeolite imidazolate framework 8 and application to porous membrane-protected micro-solid-phase extraction of polycyclic aromatic hydrocarbons from environmental water samples. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 8490-5	4.5	159
273	Development of multiwalled carbon nanotubes based micro-solid-phase extraction for the determination of trace levels of sixteen polycyclic aromatic hydrocarbons in environmental water samples. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 9321-7	4.5	85
272	Hydrazone-based ligands for micro-solid phase extraction-high performance liquid chromatographic determination of biogenic amines in orange juice. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 4332-9	4.5	38
271	Low-density solvent-based solvent demulsification dispersive liquid-liquid microextraction for the fast determination of trace levels of sixteen priority polycyclic aromatic hydrocarbons in environmental water samples. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 5040-6	4.5	140
270	Plunger-in-needle solid-phase microextraction with graphene-based sol-gel coating as sorbent for determination of polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 4509-16	4.5	153
269	Ionic liquid based three-phase liquid-liquid-liquid solvent bar microextraction for the determination of phenols in seawater samples. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 4299-306	4.5	78
268	Liquid-Liquid Extraction in Environmental Analysis <b>2011</b> , 39-51		
267	Silica Monoliths in Solid-Phase Extraction and Solid-Phase Microextraction <b>2011</b> , 319-334		
266	Application of porous membrane protected micro-solid-phase-extraction combined with gas chromatography-mass spectrometry for the determination of estrogens in ovarian cyst fluid samples. <i>Analytica Chimica Acta</i> , <b>2011</b> , 687, 56-60	6.6	58
265	Novel on-site sample preparation approach with a portable agitator using functional polymer-coated multi-fibers for the microextraction of organophosphorus pesticides in seawater. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 654-61	4.5	19
264	Nanoarray membrane sensor based on a multilayer design for sensing of water pollutants. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 4329-32	7.8	11
263	Headspace ionic liquid-based microdrop liquid-phase microextraction followed by microdrop thermal desorption-gas chromatographic analysis. <i>Talanta</i> , <b>2010</b> , 81, 537-42	6.2	47
262	Preparation and application of rifamycin-capped (3-(2-O- $\beta$ -cyclodextrin)-2-hydroxypropoxy)-propylsilyl-appended silica particles as chiral stationary phase for high-performance liquid chromatography. <i>Talanta</i> , <b>2010</b> , 83, 286-90	6.2	10
261	Simultaneous electrochemical detection of carcinogenic polycyclic aromatic amines in environmental samples using single-walled carbon nanotube-gold nanoparticle composite. <i>Analytical Methods</i> , <b>2010</b> , 2, 326	3.2	6
260	Development of Vancomycin-Capped ECD-Bonded Silica Particles as Chiral Stationary Phase for LC. <i>Chromatographia</i> , <b>2010</b> , 72, 1061-1066	2.1	6
259	Dispersive liquid-liquid microextraction coupled with dispersive micro-solid-phase extraction for the fast determination of polycyclic aromatic hydrocarbons in environmental water samples. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 1540-5	7.8	211
258	Simultaneous extraction of acidic and basic drugs at neutral sample pH: a novel electro-mediated microextraction approach. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 6661-7	4.5	108
257	Determination of aldehydes in rainwater using micro-solid-phase extraction and high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 6366-72	4.5	33

256	Solvent-bar microextraction of herbicides combined with non-aqueous field-amplified sample injection capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 6036-43	4.5	33
255	Ferrofluid-based liquid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7311-5	4.5	27
254	Chemical reactions in liquid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 701-7	4.5	80
253	Determination of carbamate pesticides using micro-solid-phase extraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 211-6	4.5	103
252	Application of dynamic liquid-phase microextraction and injection port derivatization combined with gas chromatography-mass spectrometry to the determination of acidic pharmaceutically active compounds in water samples. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 7527-32	4.5	34
251	In situ derivatization hollow fibre liquid-phase microextraction for the determination of biogenic amines in food samples. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 5165-70	4.5	87
250	Solvent-bar microextraction--using a silica monolith as the extractant phase holder. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 5483-8	4.5	51
249	Determination of nerve agent degradation products by capillary electrophoresis using field-amplified sample stacking injection with the electroosmotic flow pump and contactless conductivity detection. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 5911-6	4.5	22
248	Sulfonated polyvinyl chloride fibers for cation-exchange microextraction. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 6549-53	4.5	12
247	Commercial polymeric fiber as sorbent for solid-phase microextraction combined with high-performance liquid chromatography for the determination of polycyclic aromatic hydrocarbons in water. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 7520-6	4.5	46
246	Optimization of some experimental parameters in the electro membrane extraction of chlorophenols from seawater. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 7687-93	4.5	115
245	Direct electrochemistry and electrocatalysis of hemoglobin in nafion/carbon nanochip film on glassy carbon electrode. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 15445-54	3.4	68
244	Recent Trends in Sample Preparation for Pesticide Analysis <b>2009</b> , 381-397		
243	Environmental and bioanalytical applications of hollow fiber membrane liquid-phase microextraction: a review. <i>Analytica Chimica Acta</i> , <b>2008</b> , 624, 253-68	6.6	352
242	Application of micro-solid-phase extraction for the determination of persistent organic pollutants in tissue samples. <i>Journal of Chromatography A</i> , <b>2008</b> , 1186, 358-64	4.5	65
241	Novel approach to microwave-assisted extraction and micro-solid-phase extraction from soil using graphite fibers as sorbent. <i>Journal of Chromatography A</i> , <b>2008</b> , 1192, 203-7	4.5	84
240	Determination of basic degradation products of chemical warfare agents in water using hollow fibre-protected liquid-phase microextraction with in-situ derivatisation followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2008</b> , 1196-1197, 125-32	4.5	34
239	Preparation, characterization and analytical application of a hybrid organic-inorganic silica-based monolith. <i>Journal of Chromatography A</i> , <b>2008</b> , 1195, 78-84	4.5	66

238	Ion-pair liquid-liquid-liquid microextraction of nerve agent degradation products followed by capillary electrophoresis with contactless conductivity detection. <i>Journal of Chromatography A</i> , <b>2008</b> , 1205, 158-62	4.5	38
237	Ionic liquid supported three-phase liquid-liquid-liquid microextraction as a sample preparation technique for aliphatic and aromatic hydrocarbons prior to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2008</b> , 1210, 19-24	4.5	66
236	Extraction of lead ions by electromembrane isolation. <i>Journal of Chromatography A</i> , <b>2008</b> , 1213, 14-8	4.5	110
235	Electro membrane isolation of nerve agent degradation products across a supported liquid membrane followed by capillary electrophoresis with contactless conductivity detection. <i>Journal of Chromatography A</i> , <b>2008</b> , 1214, 17-22	4.5	79
234	Zirconia hollow fiber: preparation, characterization, and microextraction application. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 5241-8	7.8	81
233	Determination of copper(I) and copper(II) ions after complexation with bicinchoninic acid by CE. <i>Electrophoresis</i> , <b>2007</b> , 28, 3520-5	3.6	7
232	Developments in single-drop microextraction. <i>Journal of Chromatography A</i> , <b>2007</b> , 1152, 184-92	4.5	340
231	On-site polymer-coated hollow fiber membrane microextraction and gas chromatography-mass spectrometry of polychlorinated biphenyls and polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , <b>2007</b> , 1139, 157-64	4.5	48
230	Determination of degradation products of chemical warfare agents in water using hollow fibre-protected liquid-phase microextraction with in-situ derivatisation followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2007</b> , 1148, 8-15	4.5	46
229	Determination of organophosphorous pesticides in wastewater samples using binary-solvent liquid-phase microextraction and solid-phase microextraction: a comparative study. <i>Analytica Chimica Acta</i> , <b>2007</b> , 605, 147-52	6.6	50
228	Trace analysis of icariin in human serum with dansyl chloride derivatization after oral administration of Epimedium decoction by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 860, 166-72	3.2	19
227	Exposure and response of aquacultured oysters, <i>Crassostrea gigas</i> , to marine contaminants. <i>Environmental Research</i> , <b>2007</b> , 103, 375-82	7.9	22
226	Application of porous membrane-protected micro-solid-phase extraction combined with HPLC for the analysis of acidic drugs in wastewater. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 6845-50	7.8	129
225	Development and application of porous membrane-protected carbon nanotube micro-solid-phase extraction combined with gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 2853-8	7.8	292
224	Injection port derivatization following ion-pair hollow fiber-protected liquid-phase microextraction for determining acidic herbicides by gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 7292-301	7.8	65
223	Application of liquid-phase microextraction and on-column derivatization combined with gas chromatography-mass spectrometry to the determination of carbamate pesticides. <i>Journal of Chromatography A</i> , <b>2006</b> , 1117, 31-7	4.5	123
222	Development and application of microporous hollow fiber protected liquid-phase microextraction via gaseous diffusion to the determination of phenols in water. <i>Journal of Chromatography A</i> , <b>2006</b> , 1121, 10-5	4.5	47
221	Continuous flow microextraction combined with high-performance liquid chromatography for the analysis of pesticides in natural waters. <i>Journal of Chromatography A</i> , <b>2006</b> , 1122, 7-12	4.5	53

220	Polymer-coated hollow fiber microextraction combined with on-column stacking in capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2006</b> , 1128, 267-72	4.5	25
219	Ion-pair dynamic liquid-phase microextraction combined with injection-port derivatization for the determination of long-chain fatty acids in water samples. <i>Journal of Chromatography A</i> , <b>2006</b> , 1133, 13-20	4.5	42
218	Determination of trace level chemical warfare agents in water and slurry samples using hollow fibre-protected liquid-phase microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2006</b> , 1124, 91-6	4.5	47
217	Ionic-liquid supported oxidation reactions in a silicon-based microreactor. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 957-961	2	8
216	Headspace water-based liquid-phase microextraction. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 1988-92	7.8	82
215	Development and application of a simple capillary-microreactor for oxidation of glucose with a porous gold catalyst. <i>Chemical Communications</i> , <b>2005</b> , 409-10	5.8	33
214	Bioaccumulation of DDT pesticide in cultured Asian seabass following dietary exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2005</b> , 68, 51-65	3.2	10
213	Dynamic liquid-liquid-liquid microextraction with automated movement of the acceptor phase. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 1689-95	7.8	54
212	Persistent organic pollutants in mangrove food webs in Singapore. <i>Chemosphere</i> , <b>2005</b> , 61, 303-13	8.4	83
211	Persistent organic pollutants and heavy metals in typical seafoods consumed in Singapore. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2005</b> , 68, 151-66	3.2	34
210	Effect of cooking on the loss of persistent organic pollutants from salmon. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2005</b> , 68, 253-65	3.2	52
209	Analysis of persistent organic pollutants in marine sediments using a novel microwave assisted solvent extraction and liquid-phase microextraction technique. <i>Journal of Chromatography A</i> , <b>2005</b> , 1068, 221-8	4.5	87
208	Sol-gel-coated oligomers as novel stationary phases for solid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2005</b> , 1087, 252-8	4.5	44
207	Determination of alkylphenols and bisphenol-A. A comparative investigation of functional polymer-coated membrane microextraction and solid-phase microextraction techniques. <i>Journal of Chromatography A</i> , <b>2005</b> , 1087, 274-82	4.5	58
206	Automated dynamic liquid-liquid-liquid microextraction followed by high-performance liquid chromatography-ultraviolet detection for the determination of phenoxy acid herbicides in environmental waters. <i>Journal of Chromatography A</i> , <b>2005</b> , 1082, 121-7	4.5	92
205	Dynamic hollow fiber-supported headspace liquid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2005</b> , 1087, 289-94	4.5	98
204	Orthogonal array designs for the optimization of liquid-liquid-liquid microextraction of nonsteroidal anti-inflammatory drugs combined with high-performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , <b>2005</b> , 1092, 182-90	4.5	45
203	Polymer-coated hollow-fiber microextraction of estrogens in water samples with analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2005</b> , 1100, 137-43	4.5	75

202	OXIDATION OF CYCLOHEXENE IN A SIMPLE CAPILLARY-MICROREACTOR. <i>International Journal of Nanoscience</i> , <b>2005</b> , 04, 599-606	0.6	3
201	Androgenic and estrogenic response of green mussel extracts from Singapore's coastal environment using a human cell-based bioassay. <i>Environmental Health Perspectives</i> , <b>2004</b> , 112, 1467-71	8.4	21
200	Endocrine disrupting alkylphenols and bisphenol-A in coastal waters and supermarket seafood from Singapore. <i>Marine Pollution Bulletin</i> , <b>2004</b> , 48, 1161-7	6.7	98
199	Organochlorine Pesticides and Heavy Metals in Green Mussel, <i>Perna Viridis</i> in Singapore. <i>Water, Air, and Soil Pollution</i> , <b>2004</b> , 155, 103-116	2.6	37
198	Application of liquid-phase microextraction and gas chromatography-mass spectrometry for the determination of polychlorinated biphenyls in blood plasma. <i>Journal of Chromatography A</i> , <b>2004</b> , 1022, 161-9	4.5	89
197	Determination of polybrominated diphenyl ethers in marine biological tissues using microwave-assisted extraction. <i>Journal of Chromatography A</i> , <b>2004</b> , 1035, 291-4	4.5	72
196	Design of a capillary-microreactor for efficient Suzuki coupling reactions. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 7297-7300	2	40
195	Development and application of polymer-coated hollow fiber membrane microextraction to the determination of organochlorine pesticides in water. <i>Journal of Chromatography A</i> , <b>2004</b> , 1033, 213-20	4.5	96
194	Determination of pesticides in soil by liquid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2004</b> , 1038, 37-42	4.5	95
193	Analysis of endocrine disrupting alkylphenols, chlorophenols and bisphenol-A using hollow fiber-protected liquid-phase microextraction coupled with injection port-derivatization gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2004</b> , 1057, 163-9	4.5	157
192	Two-step liquid-liquid-liquid microextraction of nonsteroidal antiinflammatory drugs in wastewater. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 228-32	7.8	73
191	Solvent bar microextraction. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 5591-6	7.8	185
190	Hollow fiber membrane-protected solid-phase microextraction of triazine herbicides in bovine milk and sewage sludge samples. <i>Journal of Chromatography A</i> , <b>2004</b> , 1047, 189-94	4.5	44
189	Persistent Organic Pollutants in Singapore's Coastal Marine Environment: Part II, Sediments. <i>Water, Air, and Soil Pollution</i> , <b>2003</b> , 149, 315-325	2.6	22
188	Persistent Organic Pollutants in Singapore's Coastal Marine Environment: Part I, Seawater. <i>Water, Air, and Soil Pollution</i> , <b>2003</b> , 149, 295-313	2.6	26
187	Occurrence of polychlorinated biphenyls and polybrominated diphenyl ethers in green mussels ( <i>Perna viridis</i> ) from Singapore, Southeast Asia. <i>Environmental Toxicology and Chemistry</i> , <b>2003</b> , 22, 2432-7 <sup>3.8</sup>	3.8	59
186	Effect of NaOH on large-volume sample stacking of haloacetic acids in capillary zone electrophoresis with a low-pH buffer. <i>Electrophoresis</i> , <b>2003</b> , 24, 2188-92	3.6	17
185	Application of naphthylcarbamate-substituted Cyclodextrin bonded silica particles as stationary phase for high-performance liquid chromatography. <i>Journal of Separation Science</i> , <b>2003</b> , 26, 515-520	3.4	14

184	Determination of triazines in soil by microwave-assisted extraction followed by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2003</b> , 985, 167-74	4.5	84
183	Automated hollow fiber-protected dynamic liquid-phase microextraction of pesticides for gas chromatography-mass spectrometric analysis. <i>Journal of Chromatography A</i> , <b>2003</b> , 985, 107-16	4.5	95
182	Optimization of microwave-assisted extraction and supercritical fluid extraction of carbamate pesticides in soil by experimental design methodology. <i>Journal of Chromatography A</i> , <b>2003</b> , 1014, 165-74	4.5	97
181	Application of diaza-18-crown-6-capped beta-cyclodextrin bonded silica particles as chiral stationary phases for ultrahigh pressure capillary liquid chromatography. <i>Journal of Chromatography A</i> , <b>2003</b> , 1002, 63-70	4.5	37
180	Determination of organic micropollutants in rainwater using hollow fiber membrane/liquid-phase microextraction combined with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2003</b> , 1016, 11-20	4.5	118
179	Stability studies of propoxur herbicide in environmental water samples by liquid chromatography-atmospheric pressure chemical ionization ion-trap mass spectrometry. <i>Journal of Chromatography A</i> , <b>2003</b> , 1014, 153-63	4.5	27
178	Headspace liquid-phase microextraction of chlorobenzenes in soil with gas chromatography-electron capture detection. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 98-103	7.8	174
177	Dynamic three-phase microextraction as a sample preparation technique prior to capillary electrophoresis. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 2784-9	7.8	86
176	Application of cyclam-capped beta-cyclodextrin-bonded silica particles as a chiral stationary phase in capillary electrochromatography for enantiomeric separations. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 1348-54	7.8	46
175	Organotin and Irgarol-1051 contamination in Singapore coastal waters. <i>Marine Pollution Bulletin</i> , <b>2002</b> , 44, 697-703	6.7	83
174	Enantiomeric Separations in Capillary Electrochromatography with Crown Ether-Capped $\beta$ -Cyclodextrin-Bonded Silica Particles as Chiral Stationary Phase. <i>Helvetica Chimica Acta</i> , <b>2002</b> , 85, 3283-3293	7.8	20
173	Microwave-assisted extraction behavior of non-polar and polar pollutants in soil with analysis by high-performance liquid chromatography. <i>Journal of Separation Science</i> , <b>2002</b> , 25, 67-76	3.4	9
172	Field-amplified stacking injection-capillary electrophoresis for quantitative analysis of fluoride released from dental composite. <i>Journal of Separation Science</i> , <b>2002</b> , 25, 328-332	3.4	6
171	Synthesis of cyclam-capped $\beta$ -cyclodextrin-bonded silica particles for use as chiral stationary phases in capillary electrochromatography. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 2463-2466	2	20
170	Analysis of phenoxy herbicides in bovine milk by means of liquid-liquid-liquid microextraction with a hollow-fiber membrane. <i>Journal of Chromatography A</i> , <b>2002</b> , 963, 335-43	4.5	110
169	Determination of nitrate in seawater by capillary zone electrophoresis with chloride-induced sample self-stacking. <i>Journal of Chromatography A</i> , <b>2002</b> , 966, 205-12	4.5	27
168	Combination of liquid-phase microextraction and on-column stacking for trace analysis of amino alcohols by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2002</b> , 979, 163-9	4.5	39
167	Analysis of aromatic amines in water samples by liquid-liquid-liquid microextraction with hollow fibers and high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 963, 239-48	4.5	155

166	Liquid-liquid-liquid microextraction of aromatic amines from water samples combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 963, 231-7	4.5	83
165	Determination of organochlorine pesticides in seawater using liquid-phase hollow fibre membrane microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2002</b> , 968, 191-9	4.5	126
164	Application of static and dynamic liquid-phase microextraction in the determination of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , <b>2002</b> , 976, 377-85	4.5	119
163	Monitoring polychlorinated biphenyls in pine needles using supercritical fluid extraction as a pretreatment method. <i>Journal of Chromatography A</i> , <b>2002</b> , 976, 393-8	4.5	11
162	On-line concentration of acidic compounds by anion-selective exhaustive injection-sweeping-micellar electrokinetic chromatography. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 5820-5	7.8	58
161	Hollow fiber-protected liquid-phase microextraction of triazine herbicides. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 648-54	7.8	421
160	Liquid-phase microextraction combined with hollow fiber as a sample preparation technique prior to gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 2486-92	7.8	211
159	Preliminary study of the analysis of oligogalacturonic acids by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 975-8	2.2	4
158	Spatial temperature gradient capillary electrophoresis for DNA mutation detection. <i>Electrophoresis</i> , <b>2001</b> , 22, 3683-7	3.6	17
157	High-performance chiral separation of fourteen triazole fungicides by sulfated beta-cyclodextrin-mediated capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2001</b> , 912, 171-9	4.5	104
156	Application of static liquid-phase microextraction to the analysis of organochlorine pesticides in water. <i>Journal of Chromatography A</i> , <b>2001</b> , 919, 381-8	4.5	165
155	Solid-phase extraction of polycyclic aromatic hydrocarbons in surface water. Negative effect of humic acid. <i>Journal of Chromatography A</i> , <b>2001</b> , 921, 255-63	4.5	108
154	Liquid-liquid-liquid microextraction of nitrophenols with a hollow fiber membrane prior to capillary liquid chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 924, 407-14	4.5	114
153	Determination of phenols in water using liquid phase microextraction with back extraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 931, 95-105	4.5	118
152	Software and internet resources for capillary electrophoresis and micellar electrokinetic capillary chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 916, 25-30	4.5	7
151	Chapter 2 Modern techniques for the analysis of polycyclic aromatic hydrocarbons. <i>Handbook of Analytical Separations</i> , <b>2001</b> , 39-74	0.7	2
150	Field-amplified sample injection combined with water removal by electroosmotic flow pump in acidic buffer for analysis of phenoxy acid herbicides by capillary electrophoresis. <i>Analytical Chemistry</i> , <b>2001</b> , 73, 3065-72	7.8	78
149	Liquid-phase microextraction of phenolic compounds combined with on-line preconcentration by field-amplified sample injection at low pH in micellar electrokinetic chromatography. <i>Analytical Chemistry</i> , <b>2001</b> , 73, 5655-60	7.8	58

148	Assessment of colloid formation and physical state distribution of trace polycyclic aromatic hydrocarbons in aqueous samples. <i>Analytical Chemistry</i> , <b>2001</b> , 73, 5201-6	7.8	5
147	Field amplified stacking injection--capillary electrophoresis for quantitative analysis of released methacrylic acid from dental composites. <i>Electrophoresis</i> , <b>2000</b> , 21, 2886-90	3.6	7
146	Trace analysis of ten chlorinated benzenes in water by headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2000</b> , 874, 149-54	4.5	98
145	Release of methacrylic acid from dental composites. <i>Dental Materials</i> , <b>2000</b> , 16, 172-9	5.7	53
144	A fluorescence detection scheme for capillary electrophoresis of N-methylcarbamates with on-column thermal decomposition and derivatization. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 1441-7	7.8	30
143	Sample preparation based on dynamic ion-exchange solid-phase extraction for GC/MS analysis of acidic herbicides in environmental waters. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 3077-84	7.8	24
142	Sorption of volatile organics from water using an open-tubular, wall-coated capillary column. <i>Analyst, The</i> , <b>2000</b> , 125, 469-475	5	6
141	Continuous-flow microextraction exceeding 1000-fold concentration of dilute analytes. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 4462-7	7.8	160
140	Tandem-cartridge solid-phase extraction followed by GC/MS analysis for measuring partition coefficients of association of polycyclic aromatic hydrocarbons to humic acid. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 5272-9	7.8	42
139	SINGLE UV-ABSORBING BACKGROUND ELECTROLYTE FOR SIMULTANEOUS DETECTION OF CATIONS AND ANIONS IN CAPILLARY ELECTROPHORESIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1999</b> , 22, 2353-2365	1.3	4
138	Determination of polycyclic aromatic hydrocarbons in sea water using solid-phase microextraction. <i>International Journal of Environmental Studies</i> , <b>1999</b> , 56, 689-701	1.8	2
137	Catalytic dechlorination of chlorobenzenes: effect of solvent on efficiency and selectivity. <i>Journal of Molecular Catalysis A</i> , <b>1999</b> , 144, 397-403		24
136	Chemical modification of analytes in speciation analysis by capillary electrophoresis, liquid chromatography and gas chromatography. <i>Journal of Chromatography A</i> , <b>1999</b> , 834, 45-63	4.5	32
135	In-tube solid phase micro-extraction as gas chromatography of volatile compounds in aqueous solution. <i>Analyst, The</i> , <b>1999</b> , 124, 651-655	5	27
134	Microchannel electrophoretic separation of biogenic amines by micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>1999</b> , 20, 118-26	3.6	38
133	Chiral resolution of atropine, homatropine and eight synthetic tropinyl and piperidinyl esters by capillary zone electrophoresis with cyclodextrin additives. <i>Electrophoresis</i> , <b>1999</b> , 20, 198-203	3.6	12
132	Ion-pair solid-phase extraction of biogenic amines before micellar electrokinetic chromatography with laser-induced fluorescence detection of their fluorescein thiocarbonyl derivatives. <i>Electrophoresis</i> , <b>1999</b> , 20, 1862-8	3.6	26
131	Simultaneous analysis of lead, mercury and selenium species by capillary electrophoresis with combined ethylenediaminetetraacetic acid complexation and field-amplified stacking injection. <i>Electrophoresis</i> , <b>1999</b> , 20, 2475-83	3.6	21

130	Large-volume sample stacking in acidic buffer for analysis of small organic and inorganic anions by capillary electrophoresis. <i>Analytical Chemistry</i> , <b>1999</b> , 71, 995-1001	7.8	113
129	Simultaneous analysis of inorganic and organic lead, mercury and selenium by capillary electrophoresis with nitrilotriacetic acid as derivatization agent. <i>Journal of Chromatography A</i> , <b>1998</b> , 796, 385-395	4.5	34
128	Determination of chlorobenzenes in water by solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>1998</b> , 803, 219-25	4.5	39
127	Trace analysis by combined use of off-line solid-phase extraction, on-column sample focusing and U-shape flow cell in capillary liquid chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 808, 79-86	4.5	9
126	Determination of glycyrrhizic acid and 18-beta-glycyrrhetic acid in biological fluids by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 811, 219-24	4.5	17
125	Catalytic Dehalogenation of Highly Chlorinated Benzenes and Aroclors Using PdCl <sub>2</sub> (dppf) and NaBH <sub>4</sub> : Efficiency, Selectivity, and Base Support. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 3538-3543	4.2	36
124	Use of concentration ratios of polycyclic aromatic hydrocarbons (PAH) and lead to determine source-origins of PAH in sediments and cockles. <i>International Journal of Environmental Studies</i> , <b>1998</b> , 55, 211-218	1.8	
123	Orthogonal array design experiments for optimizing the separation of various pesticides by cyclodextrin-modified micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 793, 331-340	4.5	41
122	Degradation study of unsaturated anhydrides by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 805, 109-118	4.5	5
121	Rapid estimation of octanol-water partition coefficients of pesticides by micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>1998</b> , 19, 1719-27	3.6	15
120	Screening of chlorpropamide in horse plasma by high-performance liquid chromatography with ultraviolet absorbance detection, and confirmation by gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , <b>1998</b> , 712, 243-52		4
119	Fluorescence detection in short capillary and chip using a variable wavelength epi-fluorescence microscope. <i>Talanta</i> , <b>1998</b> , 45, 613-8	6.2	11
118	Capillary electrophoresis separation of p-sulfonated calix[n]arenes, n=4,6,8. <i>Talanta</i> , <b>1998</b> , 45, 683-91	6.2	5
117	Measurement of nitrate and chlorate in swimming pool water by capillary zone electrophoresis. <i>Talanta</i> , <b>1998</b> , 45, 657-61	6.2	6
116	Quantitative analysis of pesticides by capillary column high performance liquid chromatography combined with solid-phase extraction. <i>Talanta</i> , <b>1998</b> , 45, 631-9	6.2	23
115	Use of triethylenetetraminehexaacetic Acid combined with field-amplified sample injection in speciation analysis by capillary electrophoresis. <i>Analytical Chemistry</i> , <b>1998</b> , 70, 2666-75	7.8	44
114	Application of dynamic liquid-phase microextraction to the analysis of chlorobenzenes in water by using a conventional microsyringe. <i>Analytical Chemistry</i> , <b>1998</b> , 70, 4610-4	7.8	168
113	Designing a Self-Contained Qualitative Analysis Test for Transition Metal Ions. <i>Journal of Chemical Education</i> , <b>1998</b> , 75, 456	2.4	2

112	Determination of Sodium, Potassium, Magnesium, and Calcium in Seawater by Capillary Electrophoresis with Indirect Photometric Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1998</b> , 21, 2485-2496	1.3	7
111	Determination of Trace Levels of Aluminum by Capillary Electrophoresis with Lumogallion Fluorometric Detection. <i>Journal of Chromatographic Science</i> , <b>1997</b> , 35, 333-336	1.4	7
110	Characterization of polymer formation during SiO <sub>2</sub> etching with different fluorocarbon gases (CHF <sub>3</sub> , CF <sub>4</sub> , C <sub>4</sub> F <sub>8</sub> ) <b>1997</b> ,		1
109	Determination of Carbendazim Residues in Grains by Solid-Phase Extraction and Micellar Electrokinetic Chromatography with Ultraviolet Detection. <i>Journal of Chromatographic Science</i> , <b>1997</b> , 35, 513-518	1.4	13
108	Co-ordination and catalytic chemistry of 1,1'-bis(diphenylphosphino)ruthenocene (dppr). Synthesis of [MCl <sub>2</sub> (dppr)] (M = Ni, Pd or Pt) and molecular structures of dppr and [PtCl <sub>2</sub> (dppr)]·0.5CH <sub>2</sub> Cl <sub>2</sub> . <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 1289-1294		29
107	High Performance Liquid Chromatography of Alkyl-Chained Diphosphines and Group 6 and 7 Binary Carbonyls. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1997</b> , 20, 1959-1966	1.3	
106	Liquid-Phase Microextraction in a Single Drop of Organic Solvent by Using a Conventional Microsyringe. <i>Analytical Chemistry</i> , <b>1997</b> , 69, 4634-4640	7.8	601
105	Trace Enrichment of Phenolic Compounds from Aqueous Samples by Dynamic Ion-Exchange Solid-Phase Extraction. <i>Analytical Chemistry</i> , <b>1997</b> , 69, 5193-5199	7.8	28
104	Simultaneous determination of monofluorophosphate and fluoride in toothpaste by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1997</b> , 765, 353-359	4.5	44
103	Recent applications of high-performance liquid chromatography to the analysis of metal complexes. <i>Journal of Chromatography A</i> , <b>1997</b> , 789, 437-51	4.5	56
102	Optimization of the Microwave-Assisted Solvent Extraction of Petroleum Hydrocarbons in Marine Sediment and Soil. <i>Environmental Monitoring and Assessment</i> , <b>1997</b> , 44, 587-603	3.1	2
101	Microwave-Assisted Solvent Extraction of Air Particulates for the Determination of PAHs. <i>Environmental Monitoring and Assessment</i> , <b>1997</b> , 44, 391-403	3.1	12
100	Domestic Water Contamination in Rapidly Growing Megacities of Asia: Case of Karachi, Pakistan. <i>Environmental Monitoring and Assessment</i> , <b>1997</b> , 44, 339-360	3.1	33
99	Determination of Polycyclic Aromatic Hydrocarbons in Rougan, a Traditional Chinese Barbecued Food, by Capillary Gas Chromatography. <i>Environmental Monitoring and Assessment</i> , <b>1997</b> , 44, 577-585	3.1	13
98	Determination of Carcinogenic Heterocyclic Amines in Satay by Liquid Chromatography. <i>Environmental Monitoring and Assessment</i> , <b>1997</b> , 44, 405-412	3.1	6
97	Debromination of 1,4-Dibromobenzene and 4,4'-Dibromobiphenyl: A Model for Cleansing of PCBs. <i>Environmental Monitoring and Assessment</i> , <b>1997</b> , 44, 481-485	3.1	1
96	Urine levels of aluminum after drinking tea. <i>Biological Trace Element Research</i> , <b>1997</b> , 57, 271-80	4.5	9
95	Porous graphitic carbon (PGC) high-performance liquid chromatography of diphosphine-bridged complexes with heteronuclear Au-M (M=Mn, Re) bonds. <i>Chromatographia</i> , <b>1997</b> , 44, 381-385	2.1	5

94	Analysis of some anhydrides as their corresponding acids by capillary electrophoresis. <i>Chromatographia</i> , <b>1997</b> , 46, 67-71	2.1	1
93	Membrane solid-phase extraction with closed vessel microwave elution for the determination of phenolic compounds in aqueous matrices. <i>Mikrochimica Acta</i> , <b>1997</b> , 126, 97-104	5.8	16
92	Complete debromination of polybrominated benzenes at room temperature catalyzed by palladium metallocenyl diphosphine complexes. <i>Journal of Molecular Catalysis A</i> , <b>1997</b> , 126, L83-L88		19
91	Facile complexation of 1,1'-bis(diphenylphosphino) ruthenocene (dppr) to ruthenium(II) simple entry to stable bimetallic ruthenoruthenocenyl system. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 527, 133-136	2.3	9
90	Combination of solid-phase extraction and field-amplified concentration for trace analysis of organonitrogen pesticides by micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>1997</b> , 18, 2036-41 <sup>3,6</sup>		25
89	Conventional capillary electrophoresis in comparison with short-capillary capillary electrophoresis and microfabricated glass chip capillary electrophoresis for the analysis of fluorescein isothiocyanate anti-human immunoglobulin G. <i>Journal of Chromatography A</i> , <b>1997</b> , 781, 287-93	4.5	29
88	Orthogonal array design for optimizing the capillary zone electrophoretic analysis of heterocyclic amines. <i>Journal of Chromatographic Science</i> , <b>1996</b> , 34, 139-45	1.4	14
87	Microwave extraction of phthalate esters from marine sediment and soil. <i>Chromatographia</i> , <b>1996</b> , 42, 378-384	2.1	29
86	Separation of biogenic amines by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1996</b> , 745, 255-262	4.5	50
85	Microwave-assisted solvent elution technique for the extraction of organic pollutants in water. <i>Analytica Chimica Acta</i> , <b>1996</b> , 330, 217-227	6.6	42
84	Determination of 4-nonylphenol Part 1: Optimization of the gas chromatographic determination of 4-nonylphenol by orthogonal array design and electronic pressure programming. <i>Journal of Separation Science</i> , <b>1996</b> , 8, 29-36		5
83	Determination of 4-nonylphenol Part 2: Orthogonal array design as a chemometric method for the solid-phase microextraction of 4-nonylphenol in water. <i>Journal of Separation Science</i> , <b>1996</b> , 8, 131-136		6
82	Optimization of microwave-assisted solvent extraction of polycyclic aromatic hydrocarbons in marine sediments using a microwave extraction system with high-performance liquid chromatography-fluorescence detection and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>1996</b> , 723, 259-271	4.5	90
81	Determination of organochlorine pesticides in water by membranous solid-phase extraction, and in sediment by microwave-assisted solvent extraction with gas chromatography and electron-capture and mass spectrometric detection. <i>Journal of Chromatography A</i> , <b>1996</b> , 736, 211-218	4.5	35
80	High-performance liquid chromatography of the coordination isomers of triphenylphosphine-substituted homo- and hetero-bimetallic carbonyl complexes of manganese and rhenium. <i>Journal of Chromatography A</i> , <b>1996</b> , 740, 231-236	4.5	4
79	Separation of myoglobin molecular mass markers using non-gel sieving capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1996</b> , 744, 249-257	4.5	19
78	Separation of structural homologues of alkylphenols and isomers of 4-nonylphenol by cyclodextrin-modified micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1996</b> , 749, 227-236	4.5	27
77	Determination of heterocyclic amines in flame-grilled fish patty by capillary electrophoresis. <i>Food Additives and Contaminants</i> , <b>1996</b> , 13, 851-61		20

76	Optimization of Sample Preparation Techniques for the Determination of 4-Nonylphenol in Water and Sediment. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1996</b> , 19, 259-275	1.3	14
75	Determination of serum aluminium using an ion-pair reversed-phase high-performance liquid chromatographic-fluorimetric system with lumogallion. <i>Biomedical Applications</i> , <b>1995</b> , 663, 247-53		25
74	Use of overlapping resolution mapping scheme for optimization of the high-performance liquid chromatographic separation of pharmaceuticals. <i>Journal of Chromatography A</i> , <b>1995</b> , 692, 207-212	4.5	6
73	Recent applications of gas and high-performance liquid chromatographic techniques to the analysis of polycyclic aromatic hydrocarbons in airborne particulates. <i>Journal of Chromatography A</i> , <b>1995</b> , 710, 79-92	4.5	21
72	Combination of orthogonal array design and overlapping resolution mapping for optimizing the separation of heterocyclic amines by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , <b>1995</b> , 709, 351-359	4.5	39
71	Optimization by orthogonal array design of solid phase extraction of organochlorine pesticides from water. <i>Chromatographia</i> , <b>1995</b> , 41, 191-196	2.1	2
70	Determination of Organolead and Organotin Compounds in Water Samples by Micellar Electrokinetic Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1995</b> , 18, 1325-1347		21
69	Capillary Zone Electrophoretic Determination of Heterocyclic Aromatic Amines in Rain. <i>Journal of Chromatographic Science</i> , <b>1995</b> , 33, 712-716	1.4	33
68	Orthogonal array design as a chemometric method for the optimization of analytical procedures. Part 4. Mixed-level design and its application to the high-performance liquid chromatographic determination of polycyclic aromatic hydrocarbons. <i>Analyst, The</i> , <b>1995</b> , 120, 281	5	44
67	Optimization of liquid chromatographic parameters for the separation of priority phenols by using mixed-level orthogonal array design. <i>Analytica Chimica Acta</i> , <b>1995</b> , 312, 271-280	6.6	18
66	High-Performance Liquid Chromatography of Group 6 Dimetal Decacarbonyl Complexes Singly-Bridged by Diphosphine Ligands. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1994</b> , 17, 3671-3680		6
65	Capillary Electrophoretic Separation of Nitrosamines Using Combined Open-Tubular and Packed Capillary Columns. <i>Journal of Chromatographic Science</i> , <b>1994</b> , 32, 121-125	1.4	16
64	Use of concentration ratios of polycyclic aromatic hydrocarbons (PAH) and lead as a means of determining source-origins of PAH practical validation. <i>International Journal of Environmental Studies</i> , <b>1994</b> , 46, 31-34	1.8	1
63	Prevention of protein adsorption on surfaces by polyethylene oxide-polypropylene oxide-polyethylene oxide triblock copolymers in capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1994</b> , 659, 427-434	4.5	56
62	Determination of epinine in human urine by high-performance liquid chromatography coupled with electrochemical detection using carbon fiber microelectrodes. <i>Electroanalysis</i> , <b>1994</b> , 6, 1147-1149	3	8
61	The use of mixed surfactants in micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>1994</b> , 15, 1273-5.6		20
60	Separation of imidazole and its derivatives by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1994</b> , 686, 319-324	4.5	18
59	Determination of pharmaceuticals and related impurities by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1994</b> , 680, 579-86	4.5	20

58	Determination of components in propolis by capillary electrophoresis and photodiode array detection. <i>Journal of Chromatography A</i> , <b>1994</b> , 680, 593-597	4.5	18
57	Separation of Tamoxifen and Metabolites by Capillary Electro-Phoresis with Non-aqueous Buffer System. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1994</b> , 17, 3847-3857		42
56	Optimization of Mobile Phase Composition for HPLC Separations of Nitroaromatics Using Overlapping Resolution Mapping. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1993</b> , 16, 2223-2235		7
55	Capillary Electrophoresis of Biologically Important Compounds: Optimization of Separation Conditions by the Overlapping Resolution Mapping Scheme. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1993</b> , 16, 3653-3666		10
54	Substituted metal carbonyls. Part 24. Heteropolymetallic oligomers [(OC) <sub>x</sub> M <sub>2</sub> ( $\eta$ -L $\eta$ )M(CO) <sub>4</sub> ( $\eta$ -L $\eta$ )M <sub>2</sub> (CO) <sub>x</sub> ] and [(OC) <sub>5</sub> MnMn(CO) <sub>4</sub> ( $\eta$ -L $\eta$ )M(CO) <sub>4</sub> ( $\eta$ -L $\eta$ )(OC) <sub>4</sub> MnMn(CO) <sub>5</sub> ][M = Cr, Mo or W; M <sub>2</sub> = Cr, Mo, W (x = 5) or Fe (x = 4); L $\eta$ = Fe(C <sub>5</sub> H <sub>4</sub> PPh <sub>2</sub> ) <sub>2</sub> or Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>n</sub> PPh <sub>2</sub> (n = 2 or 3)] with metal carbonyl and phosphine ligands. <i>Journal of Organometallic Chemistry</i> , <b>1993</b> , 460, 197-202		17
53	Enhanced structural information on oligosaccharides by scan of linked magnetic and electrostatic fields (B/E) and neutral gas collision fast-atom-bombardment mass spectrometry (FABMS). <i>Carbohydrate Research</i> , <b>1993</b> , 239, 61-70	2.9	4
52	Systematic optimization of capillary electrophoretic separations using the overlapping resolution mapping scheme. <i>Journal of Separation Science</i> , <b>1993</b> , 5, 191-197		12
51	Substituted metal carbonyls XXIII. Syntheses of unicoordinated diphosphine complexes of Cr and Mo and their entry into heterobimetallics MM <sub>2</sub> (CO) <sub>10</sub> (EP-P) [M, M <sub>2</sub> = Cr, Mo, W; P <sub>2</sub> P <sub>2</sub> = Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>n</sub> PPh <sub>2</sub> , n = 2-4] as metalloligands. <i>Journal of Organometallic Chemistry</i> , <b>1993</b> , 460, 197-202	2.3	17
50	Optimization of separation of porphyrins by micellar electrokinetic chromatography using the overlapping resolution mapping scheme. <i>Journal of Chromatography A</i> , <b>1993</b> , 637, 195-200	4.5	28
49	Reversed-phase high performance liquid chromatographic separation of nitrosamines: The use of the overlapping resolution mapping technique for the optimization of solvent compositions. <i>Chromatographia</i> , <b>1993</b> , 35, 671-674	2.1	2
48	Determination of sulphonamides in pharmaceuticals by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1993</b> , 632, 165-170	4.5	24
47	Determination of organolead and organoselenium compounds by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1993</b> , 652, 547-553	4.5	33
46	Analysis of food additives by ion-pairing electrokinetic chromatography. <i>Journal of Chromatographic Science</i> , <b>1992</b> , 30, 167-70	1.4	13
45	Supercritical Fluid Chromatographic Separation of 11 Priority Phenols using Chlorodifluoromethane as Modifier. <i>Journal of Chromatographic Science</i> , <b>1992</b> , 30, 319-323	1.4	9
44	Analysis of nitroaromatics in aqueous samples by capillary supercritical fluid chromatography. <i>International Journal of Environmental Studies</i> , <b>1992</b> , 41, 17-25	1.8	4
43	Separation of polycyclic aromatic hydrocarbons by micellar electrokinetic chromatography with cyclodextrins as modifiers. <i>Journal of Chromatography A</i> , <b>1992</b> , 589, 333-338	4.5	44
42	Separation of plant growth regulators by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1992</b> , 594, 335-340	4.5	33
41	Systematic optimization of micellar electrokinetic chromatographic separation of flavonoids. <i>Chromatographia</i> , <b>1992</b> , 34, 166-172	2.1	40

40	Systematic optimization of capillary electrophoretic separation of sulphonamides. <i>Journal of Chromatography A</i> , <b>1992</b> , 598, 133-138	4.5	40
39	Separation of nitroaromatics by micellar electrokinetic capillary chromatography. <i>Journal of High Resolution Chromatography</i> , <b>1992</b> , 15, 198-200		9
38	High-Performance Liquid Chromatographic Separation of Metal Carbonyl Complexes Substituted with Bridging and Chelating 1,1'-Bis(Diphenylphosphino)Ferrocene. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1991</b> , 14, 2079-2087		4
37	Migration behaviour of catechols and catecholamines in capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1991</b> , 559, 529-536	4.5	22
36	Separation of Dns-amino acids and vitamins by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1991</b> , 559, 537-545	4.5	35
35	Determination of antihistamines in pharmaceuticals by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1991</b> , 588, 335-9	4.5	34
34	Separation of antibiotics by high-performance capillary electrophoresis with photodiode-array detection. <i>Journal of Chromatography A</i> , <b>1991</b> , 585, 133-137	4.5	30
33	Micellar electrokinetic capillary chromatography of vitamin B6 with electrochemical detection. <i>Journal of Chromatography A</i> , <b>1991</b> , 585, 139-144	4.5	66
32	Separation of water- and fat-soluble vitamins by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1991</b> , 547, 419-428	4.5	67
31	Separation of phthalates by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1991</b> , 542, 473-481	4.5	40
30	High-performance liquid chromatographic separation of heterometallic 1,1'-bis(diphenylphosphino)ferrocene-substituted metal carbonyls. <i>Journal of Chromatography A</i> , <b>1991</b> , 538, 492-496	4.5	5
29	Optimization of supercritical fluid chromatographic separation of nitroaromatics by the overlapping resolution mapping scheme. <i>Journal of High Resolution Chromatography</i> , <b>1991</b> , 14, 249-253		7
28	An optimization procedure for the isocratic high-performance liquid chromatographic separations of environmental pollutants. <i>Environmental Monitoring and Assessment</i> , <b>1991</b> , 19, 35-46	3.1	1
27	Some applications of Freon-22 in supercritical fluid chromatographic analysis of environmental pollutants. <i>Environmental Monitoring and Assessment</i> , <b>1991</b> , 19, 47-53	3.1	3
26	Direct coupling of supercritical fluid extraction-supercritical fluid chromatography for the determination of selected polycyclic aromatic hydrocarbons in aqueous environmental samples. <i>Environmental Monitoring and Assessment</i> , <b>1991</b> , 19, 63-71	3.1	12
25	Separation of selected PAHs by using high performance capillary electrophoresis with modifiers. <i>Environmental Monitoring and Assessment</i> , <b>1991</b> , 19, 73-81	3.1	9
24	Optimization of the gradient HPLC separation of selected phthalates using the overlapping resolution mapping technique. <i>Environmental Monitoring and Assessment</i> , <b>1991</b> , 19, 83-91	3.1	3
23	Analysis of priority substituted phenols by micellar electrokinetic chromatography. <i>Environmental Monitoring and Assessment</i> , <b>1991</b> , 19, 93-103	3.1	7

22	In search of a recyclable sulphur dioxide sponge-a new look at an old system. <i>Environmental Monitoring and Assessment</i> , <b>1991</b> , 19, 151-5	3.1	
21	Optimization of the High-Performance Liquid Chromatographic Separation of Steroids by the Overlapping Resolution Mapping Procedure. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1991</b> , 14, 2445-2455		5
20	A high-performance liquid chromatographic procedure for the analysis of priority substituted phenols in water samples. <i>International Journal of Environmental Studies</i> , <b>1991</b> , 38, 19-24	1.8	2
19	Application of Iso-Selective Gradient Elution for the Separation of Selected Phthalates. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1991</b> , 14, 3153-3166		4
18	Some Applications of Freon-22 In Supercritical Fluid Chromatographic Analysis of Environmental Pollutants <b>1991</b> , 47-53		
17	Retention of eleven priority phenols using micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>1990</b> , 516, 263-70	4.5	74
16	Chlorodifluoromethane as the mobile phase in supercritical fluid chromatography of selected phenols. <i>Analytical Chemistry</i> , <b>1990</b> , 62, 1389-1391	7.8	22
15	The extraction of cholesterol from solid and liquid matrices using supercritical CO <sub>2</sub> . <i>Journal of Separation Science</i> , <b>1990</b> , 2, 69-73		25
14	Supercritical fluid extraction and chromatography of cholesterol in food samples. <i>Journal of Chromatography A</i> , <b>1990</b> , 515, 509-13	4.5	25
13	Supercritical fluid extraction and chromatography of steroids with Freon-22. <i>Journal of Chromatography A</i> , <b>1990</b> , 515, 515-520	4.5	29
12	Optimization of the isocratic high-performance liquid chromatographic separation of selected phthalates using the overlapping resolution mapping technique. <i>Journal of Chromatography A</i> , <b>1990</b> , 513, 360-366	4.5	11
11	Optimization of mobile phase composition for high-performance liquid chromatographic separation by means of the overlapping resolution mapping scheme. <i>Journal of Chromatography A</i> , <b>1990</b> , 506, 245-252	4.5	14
10	Solid-state thermolysis of trans-diamminenickel(ii) catena-tetra-cyanonickelate(II)clathrates and their degradation intermediates. <i>Thermochimica Acta</i> , <b>1990</b> , 167, 57-64	2.9	3
9	The identification of sources of polycyclic aromatic hydrocarbons (PAH) by using concentration ratios of total PAH and lead. <i>International Journal of Environmental Studies</i> , <b>1990</b> , 36, 273-277	1.8	3
8	Optimization of mobile phase composition for high-performance liquid chromatographic analysis of eleven priority substituted phenols. <i>Journal of Chromatography A</i> , <b>1989</b> , 464, 405-10	4.5	58
7	High-performance liquid chromatography of eleven priority substituted phenols by isocratic elution. <i>Journal of Chromatography A</i> , <b>1988</b> , 438, 429-432	4.5	30
6	Retention prediction of substituted phenols in reversed-phase HPLC. <i>Chromatographia</i> , <b>1988</b> , 25, 515-519	1	8
5	A qualitative UV spectroscopic method as an initial guide to source origins of polycyclic aromatic hydrocarbons. <i>Environmental Pollution</i> , <b>1988</b> , 49, 167-75	9.3	6

4	The use of parent compound distributions (PCD) for a rapid determination of the source-origins of polycyclic aromatic hydrocarbons. <i>International Journal of Environmental Studies</i> , <b>1987</b> , 30, 185-191	1.8	4
3	Analysis of polycyclic aromatic hydrocarbons in air particulate matter from a lightly industrialized urban area. <i>Environmental Science &amp; Technology</i> , <b>1985</b> , 19, 397-404	10.3	82
2	The occurrence of some PAHs in ambient air in Singapore. <i>International Journal of Environmental Studies</i> , <b>1984</b> , 23, 255-259	1.8	1
1	A multiple-scan high resolution mass spectrometer data system for the analysis of mixtures: the analysis of morphine in liver. <i>Biological Mass Spectrometry</i> , <b>1980</b> , 7, 418-23		1