

Hian Kee Lee

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5107610/hian-kee-lee-publications-by-citations.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	Liquid-Phase Microextraction in a Single Drop of Organic Solvent by Using a Conventional Microsyringe. <i>Analytical Chemistry</i> , 1997 , 69, 4634-4640	7.8	601
398	Hollow fiber-protected liquid-phase microextraction of triazine herbicides. <i>Analytical Chemistry</i> , 2002 , 74, 648-54	7.8	421
397	Environmental and bioanalytical applications of hollow fiber membrane liquid-phase microextraction: a review. <i>Analytica Chimica Acta</i> , 2008 , 624, 253-68	6.6	352
396	Developments in single-drop microextraction. <i>Journal of Chromatography A</i> , 2007 , 1152, 184-92	4.5	340
395	Development and application of porous membrane-protected carbon nanotube micro-solid-phase extraction combined with gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 2853-8 ⁸	7.8	292
394	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> , 2010 , 82, 1540-5	7.8	211
393	Liquid-phase microextraction combined with hollow fiber as a sample preparation technique prior to gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , 2002 , 74, 2486-92	7.8	211
392	Solvent bar microextraction. <i>Analytical Chemistry</i> , 2004 , 76, 5591-6	7.8	185
391	Headspace liquid-phase microextraction of chlorobenzenes in soil with gas chromatography-electron capture detection. <i>Analytical Chemistry</i> , 2003 , 75, 98-103	7.8	174
390	Application of dynamic liquid-phase microextraction to the analysis of chlorobenzenes in water by using a conventional microsyringe. <i>Analytical Chemistry</i> , 1998 , 70, 4610-4	7.8	168
389	Application of static liquid-phase microextraction to the analysis of organochlorine pesticides in water. <i>Journal of Chromatography A</i> , 2001 , 919, 381-8	4.5	165
388	Continuous-flow microextraction exceeding 1000-fold concentration of dilute analytes. <i>Analytical Chemistry</i> , 2000 , 72, 4462-7	7.8	160
387	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> , 2011 , 1218, 8490-5	4.5	159
386	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> , 2004 , 1057, 163-9	4.5	157
385	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> , 2002 , 963, 239-48	4.5	155
384	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> , 2011 , 1218, 4509-16	4.5	153
383	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> , 2011 , 1218, 5040-6	4.5	140

382	Advances in Sample Extraction. <i>Analytical Chemistry</i> , 2016 , 88, 228-49	7.8	131
381	Application of porous membrane-protected micro-solid-phase extraction combined with HPLC for the analysis of acidic drugs in wastewater. <i>Analytical Chemistry</i> , 2007 , 79, 6845-50	7.8	129
380	Determination of organochlorine pesticides in seawater using liquid-phase hollow fibre membrane microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2002 , 968, 191-9	4.5	126
379	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> , 2006 , 1117, 31-7	4.5	123
378	Micro-solid-phase extraction of organochlorine pesticides using porous metal-organic framework MIL-101 as sorbent. <i>Journal of Chromatography A</i> , 2015 , 1401, 9-16	4.5	122
377	Application of static and dynamic liquid-phase microextraction in the determination of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2002 , 976, 377-85	4.5	119
376	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> , 2003 , 1016, 11-20	4.5	118
375	Determination of phenols in water using liquid phase microextraction with back extraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2001 , 931, 95-105	4.5	118
374	Optimization of some experimental parameters in the electro membrane extraction of chlorophenols from seawater. <i>Journal of Chromatography A</i> , 2009 , 1216, 7687-93	4.5	115
373	Liquid-liquid-liquid microextraction of nitrophenols with a hollow fiber membrane prior to capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2001 , 924, 407-14	4.5	114
372	Large-volume sample stacking in acidic buffer for analysis of small organic and inorganic anions by capillary electrophoresis. <i>Analytical Chemistry</i> , 1999 , 71, 995-1001	7.8	113
371	Extraction of lead ions by electromembrane isolation. <i>Journal of Chromatography A</i> , 2008 , 1213, 14-8	4.5	110
370	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> , 2002 , 963, 335-43	4.5	110
369	Simultaneous extraction of acidic and basic drugs at neutral sample pH: a novel electro-mediated microextraction approach. <i>Journal of Chromatography A</i> , 2010 , 1217, 6661-7	4.5	108
368	Solid-phase extraction of polycyclic aromatic hydrocarbons in surface water. Negative effect of humic acid. <i>Journal of Chromatography A</i> , 2001 , 921, 255-63	4.5	108
367	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> , 2013 , 1274, 28-35	4.5	107
366	Evaluation of sulfonated graphene sheets as sorbent for micro-solid-phase extraction combined with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1233, 16-21	4.5	105
365	High-performance chiral separation of fourteen triazole fungicides by sulfated beta-cyclodextrin-mediated capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001 , 912, 171-9	4.5	104

364	Determination of carbamate pesticides using micro-solid-phase extraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 211-6	4.5	103
363	Endocrine disrupting alkylphenols and bisphenol-A in coastal waters and supermarket seafood from Singapore. <i>Marine Pollution Bulletin</i> , 2004 , 48, 1161-7	6.7	98
362	Dynamic hollow fiber-supported headspace liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2005 , 1087, 289-94	4.5	98
361	Trace analysis of ten chlorinated benzenes in water by headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , 2000 , 874, 149-54	4.5	98
360	Optimization of microwave-assisted extraction and supercritical fluid extraction of carbamate pesticides in soil by experimental design methodology. <i>Journal of Chromatography A</i> , 2003 , 1014, 165-74	4.5	97
359	Development and application of polymer-coated hollow fiber membrane microextraction to the determination of organochlorine pesticides in water. <i>Journal of Chromatography A</i> , 2004 , 1033, 213-20	4.5	96
358	Determination of pesticides in soil by liquid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1038, 37-42	4.5	95
357	Automated hollow fiber-protected dynamic liquid-phase microextraction of pesticides for gas chromatography-mass spectrometric analysis. <i>Journal of Chromatography A</i> , 2003 , 985, 107-16	4.5	95
356	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> , 2005 , 1082, 121-7	4.5	92
355	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> , 2013 , 85, 7426-33	7.8	90
354	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> , 2011 , 83, 6856-61	7.8	90
353	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> , 2004 , 1033, 213-20	4.5	90
352	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> , 2012 , 750, 120-6	6.6	89
351	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> , 2004 , 1022, 161-9	4.5	89
350	In situ derivatization hollow fibre liquid-phase microextraction for the determination of biogenic amines in food samples. <i>Journal of Chromatography A</i> , 2009 , 1216, 5165-70	4.5	87
349	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> , 2005 , 1068, 221-8	4.5	87
348	Dynamic three-phase microextraction as a sample preparation technique prior to capillary electrophoresis. <i>Analytical Chemistry</i> , 2003 , 75, 2784-9	7.8	86
347	Single-drop microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 108, 306-313	14.6	86

346	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. <i>Journal of Chromatography A</i> , 2012 , 1257, 19-24	4.5	85
345	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> , 2012 , 1243, 14-22	4.5	85
344	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> , 2011 , 1218, 9321-7	4.5	85
343	Novel approach to microwave-assisted extraction and micro-solid-phase extraction from soil using graphite fibers as sorbent. <i>Journal of Chromatography A</i> , 2008 , 1192, 203-7	4.5	84
342	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> , 2003 , 985, 167-74	4.5	84
341	Persistent organic pollutants in mangrove food webs in Singapore. <i>Chemosphere</i> , 2005 , 61, 303-13	8.4	83
340	Organotin and Irgarol-1051 contamination in Singapore coastal waters. <i>Marine Pollution Bulletin</i> , 2002 , 44, 697-703	6.7	83
339	Liquid-liquid-liquid microextraction of aromatic amines from water samples combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2002 , 963, 231-7	4.5	83
338	Headspace water-based liquid-phase microextraction. <i>Analytical Chemistry</i> , 2005 , 77, 1988-92	7.8	82
337	Analysis of polycyclic aromatic hydrocarbons in air particulate matter from a lightly industrialized urban area. <i>Environmental Science & Technology</i> , 1985 , 19, 397-404	10.3	82
336	Zirconia hollow fiber: preparation, characterization, and microextraction application. <i>Analytical Chemistry</i> , 2007 , 79, 5241-8	7.8	81
335	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> , 2012 , 84, 6546-52	7.8	80
334	Chemical reactions in liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2009 , 1216, 701-7	4.5	80
333	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> , 2008 , 1214, 17-22	4.5	79
332	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> , 2011 , 1218, 4299-306	4.5	78
331	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> , 2001 , 73, 3065-72	7.8	78
330	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> , 2012 , 1263, 1-6	4.5	76
329	Ionic liquid based hollow fiber supported liquid phase microextraction of ultraviolet filters. <i>Journal of Chromatography A</i> , 2012 , 1229, 1-5	4.5	76

328	Polymer-coated hollow-fiber microextraction of estrogens in water samples with analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2005 , 1100, 137-43	4.5	75
327	Retention of eleven priority phenols using micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1990 , 516, 263-70	4.5	74
326	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> , 2012 , 1249, 25-31	4.5	73
325	Two-step liquid-liquid-liquid microextraction of nonsteroidal antiinflammatory drugs in wastewater. <i>Analytical Chemistry</i> , 2004 , 76, 228-32	7.8	73
324	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> , 2013 , 1317, 217-22	4.5	72
323	Determination of polybrominated diphenyl ethers in marine biological tissues using microwave-assisted extraction. <i>Journal of Chromatography A</i> , 2004 , 1035, 291-4	4.5	72
322	Automated dispersive liquid-liquid microextraction-gas chromatography-mass spectrometry. <i>Analytical Chemistry</i> , 2014 , 86, 3743-9	7.8	68
321	Automated dispersive solid-phase extraction using dissolvable Fe ₃ O ₄ -layered double hydroxide core-shell microspheres as sorbent. <i>Analytical Chemistry</i> , 2014 , 86, 11070-6	7.8	68
320	Direct electrochemistry and electrocatalysis of hemoglobin in nafion/carbon nanochip film on glassy carbon electrode. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 15445-54	3.4	68
319	Separation of water- and fat-soluble vitamins by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1991 , 547, 419-428	4.5	67
318	Preparation, characterization and analytical application of a hybrid organic-inorganic silica-based monolith. <i>Journal of Chromatography A</i> , 2008 , 1195, 78-84	4.5	66
317	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> , 2008 , 1210, 19-24	4.5	66
316	Micellar electrokinetic capillary chromatography of vitamin B6 with electrochemical detection. <i>Journal of Chromatography A</i> , 1991 , 585, 139-144	4.5	66
315	Application of micro-solid-phase extraction for the determination of persistent organic pollutants in tissue samples. <i>Journal of Chromatography A</i> , 2008 , 1186, 358-64	4.5	65
314	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> , 2006 , 78, 7292-301	7.8	65
313	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> , 2003 , 22, 2432-7 ^{3.8}		59
312	Recent advances in the separation and quantification of metallic nanoparticles and ions in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 75, 183-196	14.6	58
311	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> , 2012 , 742, 67-73	6.6	58

310	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> , 2011 , 687, 56-60	6.6	58
309	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> , 2005 , 1087, 274-82	4.5	58
308	On-line concentration of acidic compounds by anion-selective exhaustive injection-sweeping-micellar electrokinetic chromatography. <i>Analytical Chemistry</i> , 2002 , 74, 5820-5	7.8	58
307	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> , 2001 , 73, 5655-60	7.8	58
306	Optimization of mobile phase composition for high-performance liquid chromatographic analysis of eleven priority substituted phenols. <i>Journal of Chromatography A</i> , 1989 , 464, 405-10	4.5	58
305	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> , 2013 , 1300, 24-30	4.5	57
304	Determination of ultraviolet filters in environmental water samples by temperature-controlled ionic liquid dispersive liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2013 , 1271, 56-61	4.5	56
303	Recent applications of high-performance liquid chromatography to the analysis of metal complexes. <i>Journal of Chromatography A</i> , 1997 , 789, 437-51	4.5	56
302	Prevention of protein adsorption on surfaces by polyethylene oxide-polypropylene oxide-polyethylene oxide triblock copolymers in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1994 , 659, 427-434	4.5	56
301	Magnetic micro-solid-phase-extraction of polycyclic aromatic hydrocarbons in water. <i>Journal of Chromatography A</i> , 2016 , 1440, 23-30	4.5	55
300	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> , 2016 , 1438, 1-9	4.5	54
299	Dynamic liquid-liquid-liquid microextraction with automated movement of the acceptor phase. <i>Analytical Chemistry</i> , 2005 , 77, 1689-95	7.8	54
298	Continuous flow microextraction combined with high-performance liquid chromatography for the analysis of pesticides in natural waters. <i>Journal of Chromatography A</i> , 2006 , 1122, 7-12	4.5	53
297	Release of methacrylic acid from dental composites. <i>Dental Materials</i> , 2000 , 16, 172-9	5.7	53
296	Effect of cooking on the loss of persistent organic pollutants from salmon. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2005 , 68, 253-65	3.2	52
295	Solvent-bar microextraction--using a silica monolith as the extractant phase holder. <i>Journal of Chromatography A</i> , 2009 , 1216, 5483-8	4.5	51
294	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> , 2007 , 605, 147-52	6.6	50
293	Separation of biogenic amines by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1996 , 745, 255-262	4.5	50

292	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> , 2012 , 1235, 1-9	4.5	48
291	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> , 2007 , 1139, 157-64	4.5	48
290	Recent advances in the application of layered double hydroxides in analytical chemistry: A review. <i>Analytica Chimica Acta</i> , 2020 , 1103, 32-48	6.6	48
289	Materials-based approaches to minimizing solvent usage in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 39, 228-244	14.6	47
288	Headspace ionic liquid-based microdrop liquid-phase microextraction followed by microdrop thermal desorption-gas chromatographic analysis. <i>Talanta</i> , 2010 , 81, 537-42	6.2	47
287	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> , 2006 , 1121, 10-5	4.5	47
286	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> , 2006 , 1124, 91-6	4.5	47
285	Electromembrane extraction and HPLC analysis of haloacetic acids and aromatic acetic acids in wastewater. <i>Talanta</i> , 2011 , 86, 109-13	6.2	46
284	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> , 2009 , 1216, 7520-6	4.5	46
283	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> , 2007 , 1148, 8-15	4.5	46
282	Application of cyclam-capped beta-cyclodextrin-bonded silica particles as a chiral stationary phase in capillary electrochromatography for enantiomeric separations. <i>Analytical Chemistry</i> , 2003 , 75, 1348-54	7.8	46
281	Evaluation of a cloud point extraction approach for the preconcentration and quantification of trace CuO nanoparticles in environmental waters. <i>Analytica Chimica Acta</i> , 2014 , 814, 39-48	6.6	45
280	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> , 2005 , 1092, 182-90	4.5	45
279	Combined effects of water temperature and chemistry on the environmental fate and behavior of nanosized zinc oxide. <i>Science of the Total Environment</i> , 2014 , 496, 585-593	10.2	44
278	Simultaneous determination of monofluorophosphate and fluoride in toothpaste by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997 , 765, 353-359	4.5	44
277	Sol-gel-coated oligomers as novel stationary phases for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2005 , 1087, 252-8	4.5	44
276	Use of triethylenetetraminehexaacetic Acid combined with field-amplified sample injection in speciation analysis by capillary electrophoresis. <i>Analytical Chemistry</i> , 1998 , 70, 2666-75	7.8	44
275	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> , 1995 , 120, 281	5	44

274	Separation of polycyclic aromatic hydrocarbons by micellar electrokinetic chromatography with cyclodextrins as modifiers. <i>Journal of Chromatography A</i> , 1992 , 589, 333-338	4.5	44
273	Hollow fiber membrane-protected solid-phase microextraction of triazine herbicides in bovine milk and sewage sludge samples. <i>Journal of Chromatography A</i> , 2004 , 1047, 189-94	4.5	44
272	Smartphone Nanocolorimetric Determination of Hydrogen Sulfide in Biosamples after Silver-Gold Core-Shell Nanoprism-Based Headspace Single-Drop Microextraction. <i>Analytical Chemistry</i> , 2019 , 91, 5888-5895	7.8	43
271	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> , 2014 , 1373, 31-9	4.5	43
270	Application of smartphone-based spectroscopy to biosample analysis: A review. <i>Biosensors and Bioelectronics</i> , 2021 , 172, 112788	11.8	43
269	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> , 2013 , 1286, 9-15	4.5	42
268	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> , 2006 , 1133, 13-20	4.5	42
267	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> , 2000 , 72, 5272-9	7.8	42
266	Microwave-assisted solvent elution technique for the extraction of organic pollutants in water. <i>Analytica Chimica Acta</i> , 1996 , 330, 217-227	6.6	42
265	Separation of Tamoxifen and Metabolites by Capillary Electro-Phoresis with Non-aqueous Buffer System. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994 , 17, 3847-3857		42
264	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> , 2015 , 1414, 41-50	4.5	41
263	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> , 2012 , 1251, 27-32	4.5	41
262	Orthogonal array design experiments for optimizing the separation of various pesticides by cyclodextrin-modified micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1998 , 793, 331-340	4.5	41
261	Design of a capillary-microreactor for efficient Suzuki coupling reactions. <i>Tetrahedron Letters</i> , 2004 , 45, 7297-7300	2	40
260	Separation of phthalates by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1991 , 542, 473-481	4.5	40
259	Systematic optimization of micellar electrokinetic chromatographic separation of flavonoids. <i>Chromatographia</i> , 1992 , 34, 166-172	2.1	40
258	Systematic optimization of capillary electrophoretic separation of sulphonamides. <i>Journal of Chromatography A</i> , 1992 , 598, 133-138	4.5	40
257	Determination of chlorobenzenes in water by solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1998 , 803, 219-25	4.5	39

- 256 Combination of liquid-phase microextraction and on-column stacking for trace analysis of amino alcohols by capillary electrophoresis. *Journal of Chromatography A*, **2002**, 979, 163-9 4.5 39
- 255 Combination of orthogonal array design and overlapping resolution mapping for optimizing the separation of heterocyclic amines by capillary zone electrophoresis. *Journal of Chromatography A*, **1995**, 709, 351-359 4.5 39
- 254 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. *Journal of Chromatography A*, **2015**, 1426, 69-76 4.5 38
- 253 Hydrazone-based ligands for micro-solid phase extraction-high performance liquid chromatographic determination of biogenic amines in orange juice. *Journal of Chromatography A*, **2011**, 1218, 4332-9 4.5 38
- 252 Ion-pair liquid-liquid-liquid microextraction of nerve agent degradation products followed by capillary electrophoresis with contactless conductivity detection. *Journal of Chromatography A*, **2008**, 1205, 158-62 4.5 38
- 251 Microchannel electrophoretic separation of biogenic amines by micellar electrokinetic chromatography. *Electrophoresis*, **1999**, 20, 118-26 3.6 38
- 250 Application of microwave-assisted micro-solid-phase extraction for determination of parabens in human ovarian cancer tissues. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2015**, 1000, 192-8 3.2 37
- 249 Application of ultrasound-assisted emulsification microextraction based on applying low-density organic solvent for the determination of organochlorine pesticides in water samples. *Journal of Chromatography A*, **2012**, 1252, 67-73 4.5 37
- 248 Organochlorine Pesticides and Heavy Metals in Green Mussel, *Perna Viridis* in Singapore. *Water, Air, and Soil Pollution*, **2004**, 155, 103-116 2.6 37
- 247 Application of diaza-18-crown-6-capped beta-cyclodextrin bonded silica particles as chiral stationary phases for ultrahigh pressure capillary liquid chromatography. *Journal of Chromatography A*, **2003**, 1002, 63-70 4.5 37
- 246 Online solid phase extraction with liquid chromatography-tandem mass spectrometry for determination of estrogens and glucocorticoids in water. *Journal of Chromatography A*, **2016**, 1465, 9-19 4.5 37
- 245 Evaluation of graphene-based sorbent in the determination of polar environmental contaminants in water by micro-solid phase extraction-high performance liquid chromatography. *Journal of Chromatography A*, **2016**, 1427, 29-36 4.5 36
- 244 Catalytic Dehalogenation of Highly Chlorinated Benzenes and Aroclors Using PdCl₂(dppf) and NaBH₄: Efficiency, Selectivity, and Base Support. *Journal of Organic Chemistry*, **1998**, 63, 3538-3543 4.2 36
- 243 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. *Journal of Chromatography A*, **1996**, 736, 211-218 4.5 35
- 242 Separation of Dns-amino acids and vitamins by micellar electrokinetic chromatography. *Journal of Chromatography A*, **1991**, 559, 537-545 4.5 35
- 241 Role of combinatorial environmental factors in the behavior and fate of ZnO nanoparticles in aqueous systems: a multiparametric analysis. *Journal of Hazardous Materials*, **2014**, 264, 370-9 12.8 34
- 240 Liquid phase microextraction using knitting wool as the extractant phase holder before chromatographic analysis: a new approach for trace analysis. *Journal of Chromatography A*, **2013**, 1273, 12-7 4.5 34
- 239 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. *Journal of Chromatography A*, **2009**, 1216, 7527-32 4.5 34

238	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> , 1998 , 796, 385-395	4.5	34
237	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> , 2008 , 1196-1197, 125-32	4.5	34
236	Persistent organic pollutants and heavy metals in typical seafoods consumed in Singapore. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2005 , 68, 151-66	3.2	34
235	Determination of antihistamines in pharmaceuticals by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1991 , 588, 335-9	4.5	34
234	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> , 2015 , 141, 200-6	6.2	33
233	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> , 2012 , 1235, 26-33	4.5	33
232	Determination of aldehydes in rainwater using micro-solid-phase extraction and high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2010 , 1217, 6366-72	4.5	33
231	Solvent-bar microextraction of herbicides combined with non-aqueous field-amplified sample injection capillary electrophoresis. <i>Journal of Chromatography A</i> , 2010 , 1217, 6036-43	4.5	33
230	Domestic Water Contamination in Rapidly Growing Megacities of Asia: Case of Karachi, Pakistan. <i>Environmental Monitoring and Assessment</i> , 1997 , 44, 339-360	3.1	33
229	Development and application of a simple capillary-microreactor for oxidation of glucose with a porous gold catalyst. <i>Chemical Communications</i> , 2005 , 409-10	5.8	33
228	Capillary Zone Electrophoretic Determination of Heterocyclic Aromatic Amines in Rain. <i>Journal of Chromatographic Science</i> , 1995 , 33, 712-716	1.4	33
227	Separation of plant growth regulators by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1992 , 594, 335-340	4.5	33
226	Determination of organolead and organoselenium compounds by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1993 , 652, 547-553	4.5	33
225	Carbonized polydopamine as coating for solid-phase microextraction of organochlorine pesticides. <i>Journal of Chromatography A</i> , 2015 , 1399, 8-17	4.5	32
224	Chemical modification of analytes in speciation analysis by capillary electrophoresis, liquid chromatography and gas chromatography. <i>Journal of Chromatography A</i> , 1999 , 834, 45-63	4.5	32
223	Automated Agitation-Assisted Demulsification Dispersive Liquid-Liquid Microextraction. <i>Analytical Chemistry</i> , 2016 , 88, 2548-52	7.8	31
222	Performance of metal-organic framework MIL-101 after surfactant modification in the extraction of endocrine disrupting chemicals from environmental water samples. <i>Talanta</i> , 2015 , 143, 366-373	6.2	30
221	A fluorescence detection scheme for capillary electrophoresis of N-methylcarbamates with on-column thermal decomposition and derivatization. <i>Analytical Chemistry</i> , 2000 , 72, 1441-7	7.8	30

220	Separation of antibiotics by high-performance capillary electrophoresis with photodiode-array detection. <i>Journal of Chromatography A</i> , 1991 , 585, 133-137	4.5	30
219	High-performance liquid chromatography of eleven priority substituted phenols by isocratic elution. <i>Journal of Chromatography A</i> , 1988 , 438, 429-432	4.5	30
218	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> , 2014 , 1350, 15-22	4.5	29
217	Co-ordination and catalytic chemistry of 1,1'-bis(diphenylphosphino)ruthenocene (dppr). Synthesis of $[MCl_2(dppr)]$ (M = Ni, Pd or Pt) and molecular structures of dppr and $[PtCl_2(dppr)] \cdot 0.5CH_2Cl_2$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 1289-1294		29
216	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> , 1997 , 781, 287-93	4.5	29
215	Microwave extraction of phthalate esters from marine sediment and soil. <i>Chromatographia</i> , 1996 , 42, 378-384	2.1	29
214	Supercritical fluid extraction and chromatography of steroids with Freon-22. <i>Journal of Chromatography A</i> , 1990 , 515, 515-520	4.5	29
213	Micro-solid phase extraction of perfluorinated carboxylic acids from human plasma. <i>Journal of Chromatography A</i> , 2016 , 1432, 7-16	4.5	28
212	Trace Enrichment of Phenolic Compounds from Aqueous Samples by Dynamic Ion-Exchange Solid-Phase Extraction. <i>Analytical Chemistry</i> , 1997 , 69, 5193-5199	7.8	28
211	Optimization of separation of porphyrins by micellar electrokinetic chromatography using the overlapping resolution mapping scheme. <i>Journal of Chromatography A</i> , 1993 , 637, 195-200	4.5	28
210	Application of porous membrane-protected chitosan microspheres to determine benzene, toluene, ethylbenzene, xylenes and styrene in water. <i>Journal of Chromatography A</i> , 2016 , 1448, 42-48	4.5	28
209	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> , 2015 , 437, 316-323	9.3	27
208	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> , 2014 , 1369, 26-32	4.5	27
207	Efficient hydrophobization and solvent microextraction for determination of trace nano-sized silver and titanium dioxide in natural waters. <i>Analytica Chimica Acta</i> , 2013 , 789, 47-57	6.6	27
206	Ferrofluid-based liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2010 , 1217, 7311-5	4.5	27
205	Determination of nitrate in seawater by capillary zone electrophoresis with chloride-induced sample self-stacking. <i>Journal of Chromatography A</i> , 2002 , 966, 205-12	4.5	27
204	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> , 2003 , 1014, 153-63	4.5	27
203	In-tube solid phase micro-extraction-gas chromatography of volatile compounds in aqueous solution. <i>Analyst, The</i> , 1999 , 124, 651-655	5	27

202	Separation of structural homologues of alkylphenols and isomers of 4-nonylphenol by cyclodextrin-modified micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1996 , 749, 227-236	4.5	27
201	In-syringe extraction using compressible and self-recoverable, amphiphilic graphene aerogel as sorbent for determination of phenols. <i>Talanta</i> , 2019 , 195, 165-172	6.2	27
200	Persistent Organic Pollutants in Singapore's Coastal Marine Environment: Part I, Seawater. <i>Water, Air, and Soil Pollution</i> , 2003 , 149, 295-313	2.6	26
199	Ion-pair solid-phase extraction of biogenic amines before micellar electrokinetic chromatography with laser-induced fluorescence detection of their fluorescein thiocarbamyl derivatives. <i>Electrophoresis</i> , 1999 , 20, 1862-8	3.6	26
198	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> , 2018 , 1019, 74-83	6.6	25
197	Combination of solid-phase extraction and field-amplified concentration for trace analysis of organonitrogen pesticides by micellar electrokinetic chromatography. <i>Electrophoresis</i> , 1997 , 18, 2036-41 ^{3.6}	3.6	25
196	Polymer-coated hollow fiber microextraction combined with on-column stacking in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2006 , 1128, 267-72	4.5	25
195	Determination of serum aluminium using an ion-pair reversed-phase high-performance liquid chromatographic-fluorimetric system with lumogallion. <i>Biomedical Applications</i> , 1995 , 663, 247-53		25
194	The extraction of cholesterol from solid and liquid matrices using supercritical CO ₂ . <i>Journal of Separation Science</i> , 1990 , 2, 69-73		25
193	Supercritical fluid extraction and chromatography of cholesterol in food samples. <i>Journal of Chromatography A</i> , 1990 , 515, 509-13	4.5	25
192	Electro membrane extraction of biological anions with ion chromatographic analysis. <i>Analytica Chimica Acta</i> , 2012 , 739, 31-6	6.6	24
191	Sample preparation based on dynamic ion-exchange solid-phase extraction for GC/MS analysis of acidic herbicides in environmental waters. <i>Analytical Chemistry</i> , 2000 , 72, 3077-84	7.8	24
190	Catalytic dechlorination of chlorobenzenes: effect of solvent on efficiency and selectivity. <i>Journal of Molecular Catalysis A</i> , 1999 , 144, 397-403		24
189	Determination of sulphonamides in pharmaceuticals by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1993 , 632, 165-170	4.5	24
188	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> , 2019 , 186, 165	5.8	24
187	Quantitative analysis of pesticides by capillary column high performance liquid chromatography combined with solid-phase extraction. <i>Talanta</i> , 1998 , 45, 631-9	6.2	23
186	Ultra-hydrophobic ionic liquid 1-hexyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate supported hollow-fiber membrane liquid-liquid-liquid microextraction of chlorophenols. <i>Talanta</i> , 2015 , 132, 132-6	6.2	22
185	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> , 2015 , 885, 106-13	6.6	22

184	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> , 2009 , 1216, 5911-6	4.5	22
183	Exposure and response of aquacultured oysters, <i>Crassostrea gigas</i> , to marine contaminants. <i>Environmental Research</i> , 2007 , 103, 375-82	7.9	22
182	Persistent Organic Pollutants in Singapore's Coastal Marine Environment: Part II, Sediments. <i>Water, Air, and Soil Pollution</i> , 2003 , 149, 315-325	2.6	22
181	Migration behaviour of catechols and catecholamines in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1991 , 559, 529-536	4.5	22
180	Chlorodifluoromethane as the mobile phase in supercritical fluid chromatography of selected phenols. <i>Analytical Chemistry</i> , 1990 , 62, 1389-1391	7.8	22
179	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> , 2020 , 220, 121388	6.2	22
178	Highly Sensitive Detection of Multiple MicroRNAs by High-Performance Liquid Chromatography Coupled with Long and Short Probe-Based Recycling Amplification. <i>Analytical Chemistry</i> , 2020 , 92, 5033-5040	7.8	21
177	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> , 2019 , 186, 545	5.8	21
176	Determination of N-nitrosamines by automated dispersive liquid-liquid microextraction integrated with gas chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2015 , 38, 1741-8	3.4	21
175	Androgenic and estrogenic response of green mussel extracts from Singapore's coastal environment using a human cell-based bioassay. <i>Environmental Health Perspectives</i> , 2004 , 112, 1467-71	8.4	21
174	Simultaneous analysis of lead, mercury and selenium species by capillary electrophoresis with combined ethylenediaminetetraacetic acid complexation and field-amplified stacking injection. <i>Electrophoresis</i> , 1999 , 20, 2475-83	3.6	21
173	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> , 1995 , 710, 79-92	4.5	21
172	Determination of Organolead and Organotin Compounds in Water Samples by Micellar Electrokinetic Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1995 , 18, 1325-1347		21
171	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> , 2016 , 912, 49-57	6.6	20
170	Enantiomeric Separations in Capillary Electrochromatography with Crown Ether-Capped β -Cyclodextrin-Bonded Silica Particles as Chiral Stationary Phase. <i>Helvetica Chimica Acta</i> , 2002 , 85, 3283-3293	3.2	20
169	Synthesis of cyclam-capped β -cyclodextrin-bonded silica particles for use as chiral stationary phases in capillary electrochromatography. <i>Tetrahedron Letters</i> , 2002 , 43, 2463-2466	2	20
168	Determination of heterocyclic amines in flame-grilled fish patty by capillary electrophoresis. <i>Food Additives and Contaminants</i> , 1996 , 13, 851-61		20
167	The use of mixed surfactants in micellar electrokinetic chromatography. <i>Electrophoresis</i> , 1994 , 15, 1273-5.6		20

166	Determination of pharmaceuticals and related impurities by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1994 , 680, 579-86	4.5	20
165	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> , 2018 , 1001, 32-39	6.6	20
164	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> , 2017 , 1488, 26-36	4.5	19
163	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> , 2017 , 1486, 86-95	4.5	19
162	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> , 2011 , 1218, 654-61	4.5	19
161	Complete debromination of polybrominated benzenes at room temperature catalyzed by palladium metallocenyl diphosphine complexes. <i>Journal of Molecular Catalysis A</i> , 1997 , 126, L83-L88		19
160	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> , 2007 , 860, 166-72	3.2	19
159	Separation of myoglobin molecular mass markers using non-gel sieving capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996 , 744, 249-257	4.5	19
158	Membrane assisted micro-solid phase extraction of pharmaceuticals with amino and urea-grafted silica gel. <i>Journal of Chromatography A</i> , 2013 , 1316, 8-14	4.5	18
157	Separation of imidazole and its derivatives by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1994 , 686, 319-324	4.5	18
156	Determination of components in propolis by capillary electrophoresis and photodiode array detection. <i>Journal of Chromatography A</i> , 1994 , 680, 593-597	4.5	18
155	Optimization of liquid chromatographic parameters for the separation of priority phenols by using mixed-level orthogonal array design. <i>Analytica Chimica Acta</i> , 1995 , 312, 271-280	6.6	18
154	Fully Automated Headspace Bubble-in-Drop Microextraction. <i>Analytical Chemistry</i> , 2016 , 88, 8409-14	7.8	18
153	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> , 2016 , 39, 3610-5	3.4	18
152	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> , 2015 , 1408, 56-62	4.5	17
151	Determination of glycyrrhizic acid and 18-beta-glycyrrhetic acid in biological fluids by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1998 , 811, 219-24	4.5	17
150	Effect of NaOH on large-volume sample stacking of haloacetic acids in capillary zone electrophoresis with a low-pH buffer. <i>Electrophoresis</i> , 2003 , 24, 2188-92	3.6	17
149	Spatial temperature gradient capillary electrophoresis for DNA mutation detection. <i>Electrophoresis</i> , 2001 , 22, 3683-7	3.6	17

- 148 Substituted metal carbonyls. Part 24. Heteropolymetallic oligomers
 $[(OC)_xM^?(\eta\text{-L}\eta)\text{M}(\text{CO})_4(\eta\text{-L}\eta)\text{M}^?(\text{CO})_x]$ and
 $[(OC)_5Mn^?Mn(\text{CO})_4(\eta\text{-L}\eta)\text{M}(\text{CO})_4(\eta\text{-L}\eta)(OC)_4Mn^?Mn(\text{CO})_5]$ [M = Cr, Mo or W; M[?] = Cr, Mo, W (x = 5)
 or Fe (x = 4); L η = Fe(C₅H₄PPh₂)₂ or Ph₂P(CH₂)_mPPh₂ (m = 2 or 3)], with metal carbonyl and
 substituted metal carbonyls XXIII. Syntheses of uncoordinated diphosphine complexes of Cr and
 Mo and their entry into heterobimetallics $MM^?(\text{CO})_{10}(\text{P-P})$ [M, M[?] = Cr, Mo, W; P?P?
 Ph₂P(CH₂)_nPPh₂, n = 2-4] as metalloligands. *Journal of Organometallic Chemistry*, **1993**, 460, 197-202 17
- 147 Direct immersion single-drop microextraction of semi-volatile organic compounds in environmental
 samples: A review. *Journal of Hazardous Materials*, **2020**, 393, 122403 12.8 16
- 146 Determination of total thyroxine in human serum by hollow fiber liquid-phase microextraction and
 liquid chromatography-tandem mass spectrometry. *Talanta*, **2014**, 126, 163-9 6.2 16
- 145 Development and evaluation of plunger-in-needle liquid-phase microextraction. *Journal of
 Chromatography A*, **2014**, 1326, 20-8 4.5 16
- 144 Investigation of bioaccumulation profile of oestrogens in zebrafish liver by hollow fibre protected
 liquid phase microextraction with gas chromatography-mass spectrometric detection. *Journal of
 Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2012**, 909, 37-41 3.2 16
- 143 Membrane solid-phase extraction with closed vessel microwave elution for the determination of
 phenolic compounds in aqueous matrices. *Mikrochimica Acta*, **1997**, 126, 97-104 5.8 16
- 142 Capillary Electrophoretic Separation of Nitrosamines Using Combined Open-Tubular and Packed
 Capillary Columns. *Journal of Chromatographic Science*, **1994**, 32, 121-125 1.4 16
- 141 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. *Analytica Chimica Acta*, **2018**, 1006, 33-41 6.6 15
- 140 Rapid estimation of octanol-water partition coefficients of pesticides by micellar electrokinetic
 chromatography. *Electrophoresis*, **1998**, 19, 1719-27 3.6 15
- 139 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. *Analytical Chemistry*, **2016**, 88, 9095-102 7.8 14
- 138 Orthogonal array design for optimizing the capillary zone electrophoretic analysis of heterocyclic
 amines. *Journal of Chromatographic Science*, **1996**, 34, 139-45 1.4 14
- 137 Application of naphthylcarbamate-substituted Cyclodextrin bonded silica particles as stationary
 phase for high-performance liquid chromatography. *Journal of Separation Science*, **2003**, 26, 515-520 3.4 14
- 136 Optimization of Sample Preparation Techniques for the Determination of 4-Nonylphenol in Water
 and Sediment. *Journal of Liquid Chromatography and Related Technologies*, **1996**, 19, 259-275 1.3 14
- 135 Optimization of mobile phase composition for high-performance liquid chromatographic
 separation by means of the overlapping resolution mapping scheme. *Journal of Chromatography A*,
1990, 506, 245-252 4.5 14
- 134 Magnetic Three-Phase Single-Drop Microextraction for Rapid Amplification of the Signals of DNA
 and MicroRNA Analysis. *Analytical Chemistry*, **2020**, 92, 12290-12296 7.8 14
- 133 Micro-solid phase extraction followed by thermal extraction coupled with gas
 chromatography-mass selective detector for the determination of polybrominated diphenyl ethers
 in water. *Journal of Chromatography A*, **2016**, 1458, 25-34 4.5 14
- 132 Determination of Carbendazim Residues in Grains by Solid-Phase Extraction and Micellar
 Electrokinetic Chromatography with Ultraviolet Detection. *Journal of Chromatographic Science*,
1997, 35, 513-518 1.4 13
- 131

130	Determination of Polycyclic Aromatic Hydrocarbons in Rougan, a Traditional Chinese Barbecued Food, by Capillary Gas Chromatography. <i>Environmental Monitoring and Assessment</i> , 1997 , 44, 577-585	3.1	13
129	Analysis of food additives by ion-pairing electrokinetic chromatography. <i>Journal of Chromatographic Science</i> , 1992 , 30, 167-70	1.4	13
128	Electro membrane extraction using sorbent filled porous membrane bag. <i>Journal of Chromatography A</i> , 2015 , 1423, 1-8	4.5	12
127	Application of Chiral and Achiral Supercritical Fluid Chromatography in Pesticide Analysis: A Review. <i>Journal of Chromatography A</i> , 2020 , 1634, 461684	4.5	12
126	Bubble-in-drop microextraction of carbamate pesticides followed by gas chromatography-mass spectrometric analysis. <i>Microchemical Journal</i> , 2020 , 155, 104666	4.8	12
125	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> , 2020 , 187, 129	5.8	12
124	Ordered mesoporous carbon as sorbent for the extraction of N-nitrosamines in wastewater and swimming pool water. <i>Journal of Chromatography A</i> , 2017 , 1513, 35-41	4.5	12
123	Electroenhanced solid-phase microextraction of methamphetamine with commercial fibers. <i>Journal of Chromatography A</i> , 2013 , 1297, 12-6	4.5	12
122	Sulfonated polyvinyl chloride fibers for cation-exchange microextraction. <i>Journal of Chromatography A</i> , 2009 , 1216, 6549-53	4.5	12
121	Microwave-Assisted Solvent Extraction of Air Particulates for the Determination of PAHs. <i>Environmental Monitoring and Assessment</i> , 1997 , 44, 391-403	3.1	12
120	Chiral resolution of atropine, homatropine and eight synthetic tropinyl and piperidinyl esters by capillary zone electrophoresis with cyclodextrin additives. <i>Electrophoresis</i> , 1999 , 20, 198-203	3.6	12
119	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> , 1991 , 19, 63-71	3.1	12
118	Systematic optimization of capillary electrophoretic separations using the overlapping resolution mapping scheme. <i>Journal of Separation Science</i> , 1993 , 5, 191-197		12
117	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> , 2018 , 1035, 77-86	6.6	11
116	Nanoarray membrane sensor based on a multilayer design for sensing of water pollutants. <i>Analytical Chemistry</i> , 2010 , 82, 4329-32	7.8	11
115	Fluorescence detection in short capillary and chip using a variable wavelength epi-fluorescence microscope. <i>Talanta</i> , 1998 , 45, 613-8	6.2	11
114	Monitoring polychlorinated biphenyls in pine needles using supercritical fluid extraction as a pretreatment method. <i>Journal of Chromatography A</i> , 2002 , 976, 393-8	4.5	11
113	Optimization of the isocratic high-performance liquid chromatographic separation of selected phthalates using the overlapping resolution mapping technique. <i>Journal of Chromatography A</i> , 1990 , 513, 360-366	4.5	11

112	A review of extraction methods for the analysis of pharmaceuticals in environmental waters. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 50, 2271-2299	11.1	11
111	Enhancing liquid-phase microextraction efficiency through chemical reactions. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 426-433	14.6	10
110	Preparation and application of rifamycin-capped (3-(2-O- β -cyclodextrin)-2-hydroxypropoxy)-propylsilyl-appended silica particles as chiral stationary phase for high-performance liquid chromatography. <i>Talanta</i> , 2010 , 83, 286-90	6.2	10
109	Bioaccumulation of DDT pesticide in cultured Asian seabass following dietary exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2005 , 68, 51-65	3.2	10
108	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> , 1993 , 16, 3653-3666		10
107	Urine levels of aluminum after drinking tea. <i>Biological Trace Element Research</i> , 1997 , 57, 271-80	4.5	9
106	Facile complexation of 1,1'-bis(diphenylphosphino) ruthenocene (dppr) to ruthenium(II) complex entry to stable bimetallic ruthenoruthenocenyl system. <i>Journal of Organometallic Chemistry</i> , 1997 , 527, 133-136	2.3	9
105	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> , 1998 , 808, 79-86	4.5	9
104	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> , 2002 , 25, 67-76	3.4	9
103	Separation of selected PAHs by using high performance capillary electrophoresis with modifiers. <i>Environmental Monitoring and Assessment</i> , 1991 , 19, 73-81	3.1	9
102	Supercritical Fluid Chromatographic Separation of 11 Priority Phenols using Chlorodifluoromethane as Modifier. <i>Journal of Chromatographic Science</i> , 1992 , 30, 319-323	1.4	9
101	Separation of nitroaromatics by micellar electrokinetic capillary chromatography. <i>Journal of High Resolution Chromatography</i> , 1992 , 15, 198-200		9
100	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> , 2016 , 154, 416-22	6.2	9
99	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> , 2018 , 1573, 42-47	4.5	9
98	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> , 2016 , 199, 533-40	8.5	8
97	Ionic-liquid supported oxidation reactions in a silicon-based microreactor. <i>Tetrahedron Letters</i> , 2006 , 47, 957-961	2	8
96	Determination of epinine in human urine by high-performance liquid chromatography coupled with electrochemical detection using carbon fiber microelectrodes. <i>Electroanalysis</i> , 1994 , 6, 1147-1149	3	8
95	Retention prediction of substituted phenols in reversed-phase HPLC. <i>Chromatographia</i> , 1988 , 25, 515-519	1.1	8

94	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> , 2020 , 1612, 460646	4.5	8
93	Environmentally friendly etching of stainless steel wire for plunger-in-needle liquid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , 2019 , 197, 465-471	6.2	8
92	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> , 2018 , 187, 287-294	6.2	8
91	Fully Automated Water Sampling-Surfactant-Enhanced Membrane Bag Liquid-Phase Microextraction-Ultrahigh Performance Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 5362-5369	7.8	7
90	Removal of haloethers, trihalomethanes and haloketones from water using Moringa oleifera seeds. <i>International Journal of Environmental Science and Technology</i> , 2016 , 13, 2609-2618	3.3	7
89	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> , 2014 , 21, 11811-22	5.1	7
88	Role of water temperature in the fate and transport of zinc oxide nanoparticles in aquatic environment. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012039	0.3	7
87	Determination of Trace Levels of Aluminum by Capillary Electrophoresis with Lumogallion Fluorometric Detection. <i>Journal of Chromatographic Science</i> , 1997 , 35, 333-336	1.4	7
86	Determination of copper(I) and copper(II) ions after complexation with bicinchoninic acid by CE. <i>Electrophoresis</i> , 2007 , 28, 3520-5	3.6	7
85	Software and internet resources for capillary electrophoresis and micellar electrokinetic capillary chromatography. <i>Journal of Chromatography A</i> , 2001 , 916, 25-30	4.5	7
84	Field amplified stacking injection--capillary electrophoresis for quantitative analysis of released methacrylic acid from dental composites. <i>Electrophoresis</i> , 2000 , 21, 2886-90	3.6	7
83	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> , 1998 , 21, 2485-2496	1.3	7
82	Optimization of Mobile Phase Composition for HPLC Separations of Nitroaromatics Using Overlapping Resolution Mapping. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1993 , 16, 2223-2235		7
81	Optimization of supercritical fluid chromatographic separation of nitroaromatics by the overlapping resolution mapping scheme. <i>Journal of High Resolution Chromatography</i> , 1991 , 14, 249-253		7
80	Analysis of priority substituted phenols by micellar electrokinetic chromatography. <i>Environmental Monitoring and Assessment</i> , 1991 , 19, 93-103	3.1	7
79	Microextraction and analysis of contaminants adsorbed on atmospheric fine particulate matter: A review. <i>Journal of Chromatography A</i> , 2020 , 1627, 461433	4.5	7
78	Introducing surface-modified ordered mesoporous carbon as a promising sorbent for extraction of N-nitrosamines. <i>Journal of Colloid and Interface Science</i> , 2016 , 481, 39-46	9.3	7
77	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> , 2021 , 1637, 461824	4.5	7

76	Simultaneous electrochemical detection of carcinogenic polycyclic aromatic amines in environmental samples using single-walled carbon nanotube-gold nanoparticle composite. <i>Analytical Methods</i> , 2010 , 2, 326	3.2	6
75	Development of Vancomycin-Capped ECD-Bonded Silica Particles as Chiral Stationary Phase for LC. <i>Chromatographia</i> , 2010 , 72, 1061-1066	2.1	6
74	Determination of Carcinogenic Heterocyclic Amines in Satay by Liquid Chromatography. <i>Environmental Monitoring and Assessment</i> , 1997 , 44, 405-412	3.1	6
73	Measurement of nitrate and chlorate in swimming pool water by capillary zone electrophoresis. <i>Talanta</i> , 1998 , 45, 657-61	6.2	6
72	Field-amplified stacking injection-capillary electrophoresis for quantitative analysis of fluoride released from dental composite. <i>Journal of Separation Science</i> , 2002 , 25, 328-332	3.4	6
71	Sorption of volatile organics from water using an open-tubular, wall-coated capillary column. <i>Analyst, The</i> , 2000 , 125, 469-475	5	6
70	Use of overlapping resolution mapping scheme for optimization of the high-performance liquid chromatographic separation of pharmaceuticals. <i>Journal of Chromatography A</i> , 1995 , 692, 207-212	4.5	6
69	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> , 1996 , 8, 131-136		6
68	High-Performance Liquid Chromatography of Group 6 Dimetal Decacarbonyl Complexes Singly-Bridged by Diphosphine Ligands. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994 , 17, 3671-3680		6
67	A qualitative UV spectroscopic method as an initial guide to source origins of polycyclic aromatic hydrocarbons. <i>Environmental Pollution</i> , 1988 , 49, 167-75	9.3	6
66	Logarithmic Data Processing Can Be Used Justifiably in the Plotting of a Calibration Curve. <i>Analytical Chemistry</i> , 2021 , 93, 12156-12161	7.8	6
65	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> , 2020 , 216, 120962	6.2	5
64	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> , 2012 , 40, 100-111	1.4	5
63	Progress in sample extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 1699-1701	14.6	5
62	Porous graphitic carbon (PGC) high-performance liquid chromatography of diphosphine-bridged complexes with heteronuclear Au-M (M=Mn, Re) bonds. <i>Chromatographia</i> , 1997 , 44, 381-385	2.1	5
61	Degradation study of unsaturated anhydrides by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1998 , 805, 109-118	4.5	5
60	Capillary electrophoresis separation of p-sulfonated calix[n]arenes, n=4,6,8. <i>Talanta</i> , 1998 , 45, 683-91	6.2	5
59	Assessment of colloid formation and physical state distribution of trace polycyclic aromatic hydrocarbons in aqueous samples. <i>Analytical Chemistry</i> , 2001 , 73, 5201-6	7.8	5

58	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> , 1996 , 8, 29-36		5
57	High-performance liquid chromatographic separation of heterometallic 1,12-bis(diphenylphosphino)ferrocene-substituted metal carbonyls. <i>Journal of Chromatography A</i> , 1991 , 538, 492-496	4.5	5
56	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> , 1991 , 14, 2445-2455		5
55	Recent advances in the detection of multiple microRNAs. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 139, 116269	14.6	5
54	Sodium dodecyl sulfate-multi-walled carbon nanotubes-coated-membrane solid phase extraction of glucocorticoids in aqueous matrices. <i>Talanta</i> , 2021 , 221, 121624	6.2	5
53	Three-dimensional DNA/Ni-Fe layered double oxide frame networks-induced μ sp-exposure of Au@Ag nanostars for ultrasensitive determination of kanamycin. <i>Sensors and Actuators B: Chemical</i> , 2021 , 343, 130082	8.5	5
52	Electro membrane extraction of organic acids in undiluted honey with ion chromatographic analysis. <i>Microchemical Journal</i> , 2018 , 143, 234-242	4.8	4
51	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> , 1998 , 712, 243-52		4
50	Preliminary study of the analysis of oligogalacturonic acids by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 975-8	2.2	4
49	SINGLE UV-ABSORBING BACKGROUND ELECTROLYTE FOR SIMULTANEOUS DETECTION OF CATIONS AND ANIONS IN CAPILLARY ELECTROPHORESIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999 , 22, 2353-2365	1.3	4
48	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> , 1996 , 740, 231-236	4.5	4
47	High-Performance Liquid Chromatographic Separation of Metal Carbonyl Complexes Substituted with Bridging and Chelating 1,12-Bis(Diphenylphosphino)Ferrocene. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991 , 14, 2079-2087		4
46	Application of Iso-Selective Gradient Elution for the Separation of Selected Phthalates. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991 , 14, 3153-3166		4
45	Analysis of nitroaromatics in aqueous samples by capillary supercritical fluid chromatography. <i>International Journal of Environmental Studies</i> , 1992 , 41, 17-25	1.8	4
44	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> , 1993 , 239, 61-70	2.9	4
43	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> , 1987 , 30, 185-191	1.8	4
42	Solvent-free magnetic-tip microextraction into a single drop for fluorescence sensing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 131044	8.5	4
41	Sample Preparation of Complex Biological Samples in the Analysis of Trace-Level Contaminants 2012 , 681-700		3

40	OXIDATION OF CYCLOHEXENE IN A SIMPLE CAPILLARY-MICROREACTOR. <i>International Journal of Nanoscience</i> , 2005 , 04, 599-606	0.6	3
39	Some applications of Freon-22 in supercritical fluid chromatographic analysis of environmental pollutants. <i>Environmental Monitoring and Assessment</i> , 1991 , 19, 47-53	3.1	3
38	Optimization of the gradient HPLC separation of selected phthalates using the overlapping resolution mapping technique. <i>Environmental Monitoring and Assessment</i> , 1991 , 19, 83-91	3.1	3
37	Solid-state thermolysis of trans-diamminenickel(ii) catena-tetra-cyanonickelate(II)clathrates and their degradation intermediates. <i>Thermochimica Acta</i> , 1990 , 167, 57-64	2.9	3
36	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> , 1990 , 36, 273-277	1.8	3
35	Polyoxometalate-based materials in extraction, and electrochemical and optical detection methods: A review.. <i>Analytica Chimica Acta</i> , 2022 , 1209, 339509	6.6	3
34	Microextraction and Solventless Techniques 2017 , 415-450		2
33	Optimization of the Microwave-Assisted Solvent Extraction of Petroleum Hydrocarbons in Marine Sediment and Soil. <i>Environmental Monitoring and Assessment</i> , 1997 , 44, 587-603	3.1	2
32	Chapter 2 Modern techniques for the analysis of polycyclic aromatic hydrocarbons. <i>Handbook of Analytical Separations</i> , 2001 , 39-74	0.7	2
31	Designing a Self-Contained Qualitative Analysis Test for Transition Metal Ions. <i>Journal of Chemical Education</i> , 1998 , 75, 456	2.4	2
30	Determination of polycyclic aromatic hydrocarbons in sea water using solid-phase microextraction. <i>International Journal of Environmental Studies</i> , 1999 , 56, 689-701	1.8	2
29	Optimization by orthogonal array design of solid phase extraction of organochlorine pesticides from water. <i>Chromatographia</i> , 1995 , 41, 191-196	2.1	2
28	A high-performance liquid chromatographic procedure for the analysis of priority substituted phenols in water samples. <i>International Journal of Environmental Studies</i> , 1991 , 38, 19-24	1.8	2
27	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> , 1993 , 35, 671-674	2.1	2
26	Highly efficient porous sorbent derived from asphalt for the solid-phase extraction of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2020 , 1631, 461559	4.5	2
25	Microextraction and its application for petroleum and crude oil samples. <i>Journal of Chromatography A</i> , 2021 , 1636, 461795	4.5	2
24	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> , 2021 , 1637, 461828	4.5	2
23	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> , 2021 , 188, 30	5.8	2

22	Materials-Based Sample Preparation in Water Analysis 2019 , 795-824		1
21	Sorbent-Phase Sample Preparation in Environmental Analysis 2012 , 541-567		1
20	Chemical Warfare Agents: Development and Applications of Sample Preparation Approaches 2012 , 603-613		1
19	Characterization of polymer formation during SiO ₂ etching with different fluorocarbon gases (CHF ₃ , CF ₄ , C ₄ F ₈) 1997 ,		1
18	Debromination of 1,4-Dibromobenzene and 4,4'-Dibromobiphenyl: A Model for Cleansing of PCBs. <i>Environmental Monitoring and Assessment</i> , 1997 , 44, 481-485	3.1	1
17	Analysis of some anhydrides as their corresponding acids by capillary electrophoresis. <i>Chromatographia</i> , 1997 , 46, 67-71	2.1	1
16	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> , 1994 , 46, 31-34	1.8	1
15	An optimization procedure for the isocratic high-performance liquid chromatographic separations of environmental pollutants. <i>Environmental Monitoring and Assessment</i> , 1991 , 19, 35-46	3.1	1
14	The occurrence of some PAHs in ambient air in Singapore. <i>International Journal of Environmental Studies</i> , 1984 , 23, 255-259	1.8	1
13	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> , 1980 , 7, 418-23		1
12	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> , 2021 , 1647, 462131	4.5	1
11	Micro-solid-phase extraction 2020 , 443-471		1
10	Two-dimensional materials as a platform in extraction methods: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 116606	14.6	1
9	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> , 2022 , 463151	4.5	0
8	Liquid-Liquid Extraction in Environmental Analysis 2011 , 39-51		
7	Silica Monoliths in Solid-Phase Extraction and Solid-Phase Microextraction 2011 , 319-334		
6	High Performance Liquid Chromatography of Alkyl-Chained Diphosphines and Group 6 and 7 Binary Carbonyls. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 1959-1966	1.3	
5	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> , 1998 , 55, 211-218	1.8	

- 4 In search of a recyclable sulphur dioxide sponge-a new look at an old system. *Environmental Monitoring and Assessment*, **1991**, 19, 151-5 3.1
- 3 Some Applications of Freon-22 In Supercritical Fluid Chromatographic Analysis of Environmental Pollutants **1991**, 47-53
- 2 Recent Trends in Sample Preparation for Pesticide Analysis **2009**, 381-397
- 1 Online water sampling-Mix-assisted miniscale liquid-liquid extraction coupled with full evaporation dynamic headspace concentration of polybrominated diphenyl ethers.. *Journal of Chromatography A*, **2022**, 1673, 463123 4.5