

# Hian Kee Lee

## List of Publications by Year in descending order

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405  
papers

19,211  
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7568

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409  
docs citations

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times ranked

9515  
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#	ARTICLE	IF	CITATIONS
1	Liquid-Phase Microextraction in a Single Drop of Organic Solvent by Using a Conventional Microsyringe. <i>Analytical Chemistry</i> , 1997, 69, 4634-4640.	6.5	655
2	Hollow Fiber-Protected Liquid-Phase Microextraction of Triazine Herbicides. <i>Analytical Chemistry</i> , 2002, 74, 648-654.	6.5	453
3	Developments in single-drop microextraction. <i>Journal of Chromatography A</i> , 2007, 1152, 184-192.	3.7	375
4	Environmental and bioanalytical applications of hollow fiber membrane liquid-phase microextraction: A review. <i>Analytica Chimica Acta</i> , 2008, 624, 253-268.	5.4	368
5	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, 2853-2858.	6.5	316
6	Liquid-Phase Microextraction Combined with Hollow Fiber as a Sample Preparation Technique Prior to Gas Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2002, 74, 2486-2492.	6.5	231
7	Dispersive Liquid-Liquid Microextraction Coupled with Dispersive $\mu$ -Solid-Phase Extraction for the Fast Determination of Polycyclic Aromatic Hydrocarbons in Environmental Water Samples. <i>Analytical Chemistry</i> , 2010, 82, 1540-1545.	6.5	222
8	Solvent Bar Microextraction. <i>Analytical Chemistry</i> , 2004, 76, 5591-5596.	6.5	203
9	Headspace Liquid-Phase Microextraction of Chlorobenzenes in Soil with Gas Chromatography-Electron Capture Detection. <i>Analytical Chemistry</i> , 2003, 75, 98-103.	6.5	190
10	Application of Dynamic Liquid-Phase Microextraction to the Analysis of Chlorobenzenes in Water by Using a Conventional Microsyringe. <i>Analytical Chemistry</i> , 1998, 70, 4610-4614.	6.5	183
11	Application of static liquid-phase microextraction to the analysis of organochlorine pesticides in water. <i>Journal of Chromatography A</i> , 2001, 919, 381-388.	3.7	183
12	Continuous-Flow Microextraction Exceeding 1000-Fold Concentration of Dilute Analytes. <i>Analytical Chemistry</i> , 2000, 72, 4462-4467.	6.5	176
13	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, 163-169.	3.7	170
14	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, 8490-8495.	3.7	170
15	Analysis of aromatic amines in water samples by liquid-liquid microextraction with hollow fibers and high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2002, 963, 239-248.	3.7	168
16	Advances in Sample Extraction. <i>Analytical Chemistry</i> , 2016, 88, 228-249.	6.5	161
17	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, 4509-4516.	3.7	157
18	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, 5040-5046.	3.7	152

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19	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.	3.7	143
20	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, 191-199.	3.7	140
21	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, 6845-6850.	6.5	136
22	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.	3.7	134
23	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, 31-37.	3.7	133
24	Application of static and dynamic liquid-phase microextraction in the determination of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2002, 976, 377-385.	3.7	130
25	Liquid–liquid–liquid microextraction of nitrophenols with a hollow fiber membrane prior to capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 924, 407-414.	3.7	128
26	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.	6.5	124
27	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.	3.7	123
28	Single-drop microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 306-313.	11.4	122
29	Optimization of some experimental parameters in the electro membrane extraction of chlorophenols from seawater. <i>Journal of Chromatography A</i> , 2009, 1216, 7687-7693.	3.7	121
30	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, 335-343.	3.7	119
31	Solid-phase extraction of polycyclic aromatic hydrocarbons in surface water. <i>Journal of Chromatography A</i> , 2001, 921, 255-263.	3.7	118
32	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, 6661-6667.	3.7	117
33	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.	3.7	117
34	Extraction of lead ions by electromembrane isolation. <i>Journal of Chromatography A</i> , 2008, 1213, 14-18.	3.7	116
35	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.	3.7	114
36	High-performance chiral separation of fourteen triazole fungicides by sulfated $\beta$ -cyclodextrin-mediated capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001, 912, 171-179.	3.7	112

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37	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, 165-177.	3.7	112
38	Trace analysis of ten chlorinated benzenes in water by headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , 2000, 874, 149-154.	3.7	110
39	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, 167-174.	3.7	110
40	Endocrine disrupting alkylphenols and bisphenol-A in coastal waters and supermarket seafood from Singapore. <i>Marine Pollution Bulletin</i> , 2004, 48, 1161-1167.	5.0	110
41	Determination of carbamate pesticides using micro-solid-phase extraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 211-216.	3.7	109
42	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, 7426-7433.	6.5	107
43	Determination of pesticides in soil by liquid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1038, 37-42.	3.7	105
44	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, 213-220.	3.7	104
45	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> , 1996, 723, 259-271.	3.7	100
46	Automated hollow fiber-protected dynamic liquid-phase microextraction of pesticides for gas chromatography-mass spectrometric analysis. <i>Journal of Chromatography A</i> , 2003, 985, 107-116.	3.7	100
47	Dynamic hollow fiber-supported headspace liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2005, 1087, 289-294.	3.7	100
48	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, 121-127.	3.7	99
49	Persistent organic pollutants in mangrove food webs in Singapore. <i>Chemosphere</i> , 2005, 61, 303-313.	8.2	99
50	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, 6856-6861.	6.5	99
51	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, 5165-5170.	3.7	97
52	Application of smartphone-based spectroscopy to biosample analysis: A review. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112788.	10.1	97
53	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, 161-169.	3.7	96
54	Recent advances in the application of layered double hydroxides in analytical chemistry: A review. <i>Analytica Chimica Acta</i> , 2020, 1103, 32-48.	5.4	95

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55	Organotin and Irgarol-1051 contamination in Singapore coastal waters. <i>Marine Pollution Bulletin</i> , 2002, 44, 697-703.	5.0	94
56	Dynamic Three-Phase Microextraction as a Sample Preparation Technique Prior to Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2003, 75, 2784-2789.	6.5	94
57	Ionic liquid-based ultrasound-assisted dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for the determination of ultraviolet filters in environmental water samples. <i>Analytica Chimica Acta</i> , 2012, 750, 120-126.	5.4	94
58	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, 6546-6552.	6.5	93
59	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.	3.7	93
60	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.	3.7	92
61	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, 221-228.	3.7	91
62	Analysis of polycyclic aromatic hydrocarbons in air particulate matter from a lightly industrialized urban area. <i>Environmental Science &amp; Technology</i> , 1985, 19, 397-404.	10.0	90
63	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, 9321-9327.	3.7	90
64	Liquid-liquid-liquid microextraction of aromatic amines from water samples combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2002, 963, 231-237.	3.7	88
65	Headspace Water-Based Liquid-Phase Microextraction. <i>Analytical Chemistry</i> , 2005, 77, 1988-1992.	6.5	87
66	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, 203-207.	3.7	87
67	Chemical reactions in liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2009, 1216, 701-707.	3.7	86
68	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.	3.7	85
69	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, 3065-3072.	6.5	84
70	Two-Step Liquid-Liquid-Liquid Microextraction of Nonsteroidal Antiinflammatory Drugs in Wastewater. <i>Analytical Chemistry</i> , 2004, 76, 228-232.	6.5	84
71	Zirconia Hollow Fiber: Preparation, Characterization, and Microextraction Application. <i>Analytical Chemistry</i> , 2007, 79, 5241-5248.	6.5	84
72	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, 4299-4306.	3.7	84

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73	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, 137-143.	3.7	82
74	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.	3.7	82
75	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.	3.7	81
76	Micellar electrokinetic capillary chromatography of vitamin B6 with electrochemical detection. <i>Journal of Chromatography A</i> , 1991, 585, 139-144.	3.7	80
77	Ionic liquid based hollow fiber supported liquid phase microextraction of ultraviolet filters. <i>Journal of Chromatography A</i> , 2012, 1229, 1-5.	3.7	79
78	Retention of eleven priority phenols using micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1990, 516, 263-270.	3.7	78
79	Determination of polybrominated diphenyl ethers in marine biological tissues using microwave-assisted extraction. <i>Journal of Chromatography A</i> , 2004, 1035, 291-294.	3.7	78
80	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> , 2014, 86, 11070-11076.	6.5	77
81	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, 217-222.	3.7	76
82	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.	3.7	75
83	Automated Dispersive Liquid–Liquid Microextraction–Gas Chromatography–Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 3743-3749.	6.5	75
84	Magnetic micro-solid-phase-extraction of polycyclic aromatic hydrocarbons in water. <i>Journal of Chromatography A</i> , 2016, 1440, 23-30.	3.7	75
85	Separation of water- and fat-soluble vitamins by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1991, 547, 419-428.	3.7	74
86	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, 7292-7301.	6.5	73
87	Direct Electrochemistry and Electrocatalysis of Hemoglobin in Nafion/Carbon Nanochip Film on Glassy Carbon Electrode. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15445-15454.	2.6	71
88	Preparation, characterization and analytical application of a hybrid organic–inorganic silica-based monolith. <i>Journal of Chromatography A</i> , 2008, 1195, 78-84.	3.7	69
89	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.	11.4	69
90	Application of micro-solid-phase extraction for the determination of persistent organic pollutants in tissue samples. <i>Journal of Chromatography A</i> , 2008, 1186, 358-364.	3.7	68

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91	Release of methacrylic acid from dental composites. <i>Dental Materials</i> , 2000, 16, 172-179.	3.5	66
92	Determination of alkylphenols and bisphenol-A. <i>Journal of Chromatography A</i> , 2005, 1087, 274-282.	3.7	66
93	Smartphone Nanocolorimetric Determination of Hydrogen Sulfide in Biosamples after Silverâ€“Gold Coreâ€“Shell Nanoprism-Based Headspace Single-Drop Microextraction. <i>Analytical Chemistry</i> , 2019, 91, 5888-5895.	6.5	65
94	Recent applications of high-performance liquid chromatography to the analysis of metal complexes. <i>Journal of Chromatography A</i> , 1997, 789, 437-451.	3.7	64
95	OCCURRENCE OF POLYCHLORINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS IN GREEN MUSSELS (PERNA VIRIDIS) FROM SINGAPORE, SOUTHEAST ASIA. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2432.	4.3	64
96	Simultaneous determination of ultraviolet filters in aqueous samples by plunger-in-needle solid-phase microextraction with graphene-based solâ€“gel coating as sorbent coupled with gas chromatographyâ€“mass spectrometry. <i>Analytica Chimica Acta</i> , 2012, 742, 67-73.	5.4	63
97	Optimization of mobile phase composition for high-performance liquid chromatographic analysis of eleven priority substituted phenols. <i>Journal of Chromatography A</i> , 1991, 464, 405-410.	3.7	62
98	Vortex-assisted micro-solid-phase extraction followed by low-density solvent based dispersive liquidâ€“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.	3.7	62
99	Application of porous membrane protected micro-solid-phase-extraction combined with gas chromatographyâ€“mass spectrometry for the determination of estrogens in ovarian cyst fluid samples. <i>Analytica Chimica Acta</i> , 2011, 687, 56-60.	5.4	61
100	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.	3.7	60
101	On-Line Concentration of Acidic Compounds by Anion-Selective Exhaustive Injection-Sweeping-Micellar Electrokinetic Chromatography. <i>Analytical Chemistry</i> , 2002, 74, 5820-5825.	6.5	60
102	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, 5655-5660.	6.5	59
103	Dynamic Liquidâ€“Liquidâ€“Liquid Microextraction with Automated Movement of the Acceptor Phase. <i>Analytical Chemistry</i> , 2005, 77, 1689-1695.	6.5	58
104	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, 147-152.	5.4	58
105	Electromembrane extraction and HPLC analysis of haloacetic acids and aromatic acetic acids in wastewater. <i>Talanta</i> , 2011, 86, 109-113.	5.5	58
106	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.	3.7	58
107	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, 253-265.	2.3	57
108	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.	3.7	57

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109	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.	3.7	56
110	Separation of biogenic amines by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1996, 745, 255-262.	3.7	54
111	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, 10-15.	3.7	54
112	Solvent-bar microextraction-Using a silica monolith as the extractant phase holder. <i>Journal of Chromatography A</i> , 2009, 1216, 5483-5488.	3.7	54
113	Logarithmic Data Processing Can Be Used Justifiably in the Plotting of a Calibration Curve. <i>Analytical Chemistry</i> , 2021, 93, 12156-12161.	6.5	54
114	Simultaneous determination of monofluorophosphate and fluoride in toothpaste by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 765, 353-359.	3.7	53
115	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, 157-164.	3.7	53
116	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, 31-39.	3.7	53
117	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</i> , 1995, 120, 281.	3.5	52
118	Materials-based approaches to minimizing solvent usage in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 39, 228-244.	11.4	52
119	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.	8.0	52
120	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.	5.4	52
121	Headspace ionic liquid-based microdrop liquid-phase microextraction followed by microdrop thermal desorption-gas chromatographic analysis. <i>Talanta</i> , 2010, 81, 537-542.	5.5	51
122	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, 1348-1354.	6.5	50
123	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, 189-194.	3.7	50
124	Separation of polycyclic aromatic hydrocarbons by micellar electrokinetic chromatography with cyclodextrins as modifiers. <i>Journal of Chromatography A</i> , 1992, 589, 333-338.	3.7	49
125	Microwave-assisted solvent elution technique for the extraction of organic pollutants in water. <i>Analytica Chimica Acta</i> , 1996, 330, 217-227.	5.4	49
126	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, 91-96.	3.7	49



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127	Use of Triethylenetetraminehexaacetic Acid Combined with Field-Amplified Sample Injection in Speciation Analysis by Capillary Electrophoresis. <i>Analytical Chemistry</i> , 1998, 70, 2666-2675.	6.5	48
128	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.	3.7	48
129	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, 7520-7526.	3.7	48
130	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.	3.7	48
131	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.	3.7	47
132	Gold nanoprism/Tollens’s™ 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.	5.5	47
133	Systematic optimization of capillary electrophoretic separation of sulphonamides. <i>Journal of Chromatography A</i> , 1992, 598, 133-138.	3.7	46
134	Orthogonal array designs for the optimization of liquid–liquid microextraction of nonsteroidal anti-inflammatory drugs combined with high-performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2005, 1092, 182-190.	3.7	46
135	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.	6.5	46
136	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.	3.7	45
137	Sol–gel-coated oligomers as novel stationary phases for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2005, 1087, 252-258.	3.7	45
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272	Substituted metal carbonyls. Part 24. Heteropolymetallic oligomers $[(OC)_xM(\mu-L)M(CO)_4(\mu-L)M_2(CO)_x]$ and $[(OC)_5MnMn(CO)_4(\mu-L)M(CO)_4(\mu-L)(OC)_4MnMn(CO)_5]$ [M = Cr, Mo or W; $M_2$ = Cr, Mo, W (x=15) or Fe (x=4); L = 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>m</sub> PPh <sub>2</sub> (m= 2 or 3)], with metal carbonyl and diphosphine repeating units. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2697-2702.		17
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