

Hiroyuki Kataoka

List of Publications by Year in descending order

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163
papers

7,105
citations

61945

43
h-index

64755

79
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170
all docs

170
docs citations

170
times ranked

5444
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of solid-phase microextraction in food analysis. <i>Journal of Chromatography A</i> , 2000, 880, 35-62.	1.8	964
2	Derivatization reactions for the determination of amines by gas chromatography and their applications in environmental analysis. <i>Journal of Chromatography A</i> , 1996, 733, 19-34.	1.8	276
3	Automated sample preparation using in-tube solid-phase microextraction and its application – a review. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 31-45.	1.9	271
4	New trends in sample preparation for clinical and pharmaceutical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 232-244.	5.8	206
5	Recent advances in SPME techniques in biomedical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 926-950.	1.4	193
6	Recent developments and applications of microextraction techniques in drug analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 339-364.	1.9	187
7	Automated In-Tube Solid-Phase Microextraction Coupled with Liquid Chromatography/Electrospray Ionization Mass Spectrometry for the Determination of β -Blockers and Metabolites in Urine and Serum Samples. <i>Analytical Chemistry</i> , 1999, 71, 4237-4244.	3.2	179
8	Determination of polycyclic aromatic hydrocarbons in food samples by automated on-line in-tube solid-phase microextraction coupled with high-performance liquid chromatography-fluorescence detection. <i>Journal of Chromatography A</i> , 2010, 1217, 5555-5563.	1.8	177
9	Developments and applications of capillary microextraction techniques: A review. <i>Analytica Chimica Acta</i> , 2009, 655, 8-29.	2.6	162
10	Determination of aflatoxins in food samples by automated on-line in-tube solid-phase microextraction coupled with liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4416-4422.	1.8	135
11	Determination of nicotine, cotinine, and related alkaloids in human urine and saliva by automated in-tube solid-phase microextraction coupled with liquid chromatography–mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 108-114.	1.4	131
12	Fully automated analysis of estrogens in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1081, 218-224.	1.8	121
13	Gas-liquid chromatographic method for analysis of di- and polyamines in foods. <i>Journal of Agricultural and Food Chemistry</i> , 1982, 30, 435-439.	2.4	113
14	Simple and rapid determination of the herbicides glyphosate and glufosinate in river water, soil and carrot samples by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 1996, 726, 253-258.	1.8	110
15	Determination of fluoroquinolones in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography–tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 562, 16-22.	2.6	105
16	Polypyrrole-coated capillary in-tube solid phase microextraction coupled with liquid chromatography-electrospray ionization mass spectrometry for the determination of β -blockers in urine and serum samples. <i>Journal of Separation Science</i> , 2000, 12, 255-266.	1.0	103
17	Recent Advances in Solid-Phase Microextraction and Related Techniques for Pharmaceutical and Biomedical Analysis. <i>Current Pharmaceutical Analysis</i> , 2005, 1, 65-84.	0.3	99
18	Simple and Rapid Determination of Amphetamine, Methamphetamine, and Their Methylenedioxy Derivatives in Urine by Automated In-Tube Solid-Phase Microextraction Coupled with Liquid Chromatography-Electrospray Ionization Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2000, 24, 257-265.	1.7	96

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19	Automated on-line in-tube solid-phase microextraction coupled with high performance liquid chromatography for the analysis of bisphenol A, alkylphenols, and phthalate esters in foods contacted with plastics. <i>Journal of Separation Science</i> , 2002, 25, 77-85.	1.3	96
20	Current Developments and Future Trends in Solid-phase Microextraction Techniques for Pharmaceutical and Biomedical Analyses. <i>Analytical Sciences</i> , 2011, 27, 893-905.	0.8	96
21	Methods for the determination of mutagenic heterocyclic amines and their applications in environmental analysis. <i>Journal of Chromatography A</i> , 1997, 774, 121-142.	1.8	91
22	Determination of cortisol in human saliva by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 160-165.	1.4	80
23	Automated in-tube solid-phase microextraction-liquid chromatography-electrospray ionization mass spectrometry for the determination of ranitidine. <i>Biomedical Applications</i> , 1999, 731, 353-359.	1.7	74
24	Heterocyclic amines content of meat and fish cooked by Brazilian methods. <i>Journal of Food Composition and Analysis</i> , 2010, 23, 61-69.	1.9	74
25	Chromatographic analysis of lipoic acid and related compounds. <i>Biomedical Applications</i> , 1998, 717, 247-262.	1.7	73
26	Determination of perfluorooctanoic acid and perfluorooctane sulfonate by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Chimica Acta</i> , 2010, 658, 141-146.	2.6	72
27	Determination of anabolic steroids in human urine by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 727-733.	1.4	72
28	Determination of musty odorants, 2-methylisoborneol and geosmin, in environmental water by headspace solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1186, 434-437.	1.8	71
29	Recent progress in solid-phase microextraction and its pharmaceutical and biomedical applications. <i>Analytical Methods</i> , 2016, 8, 5773-5788.	1.3	71
30	Determination of daidzein and genistein in soybean foods by automated on-line in-tube solid-phase microextraction coupled to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 986, 169-177.	1.8	69
31	Determination of amphetamine and methamphetamine in human hair by headspace solid-phase microextraction and gas chromatography with nitrogen-phosphorus detection. <i>Biomedical Applications</i> , 1998, 707, 99-104.	1.7	68
32	Determination of patulin in fruit juice and dried fruit samples by in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 3746-3750.	1.8	67
33	In-tube solid-phase microextraction: Current trends and future perspectives. <i>Journal of Chromatography A</i> , 2021, 1636, 461787.	1.8	62
34	Simple and rapid analysis of endocrine disruptors in liquid medicines and intravenous injection solutions by automated in-tube solid-phase microextraction/high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 32, 469-478.	1.4	57
35	Identification of mutagenic heterocyclic amines (IQ, Trp-P-1 and A±C) in the water of the Danube River. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 466, 27-35.	0.9	56
36	Estimation of dietary HCA intakes in a large-scale population-based prospective study in Japan. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 506-507, 233-241.	0.4	52

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37	Development of automated in-tube SPME/LC/MS method for drug analysis. <i>Journal of Separation Science</i> , 2000, 12, 493-500.	1.0	51
38	Simultaneous determination of testosterone, cortisol, and dehydroepiandrosterone in saliva by stable isotope dilution on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 331-340.	1.9	51
39	Biomonitoring method for the determination of polycyclic aromatic hydrocarbons in hair by online in-tube solid-phase microextraction coupled with high performance liquid chromatography and fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1000, 187-191.	1.2	50
40	Were volatile organic compounds the inducing factors for subjective symptoms of employees working in newly constructed hospitals?. <i>Environmental Toxicology</i> , 2004, 19, 280-290.	2.1	49
41	Noninvasive analysis of volatile biomarkers in human emanations for health and early disease diagnosis. <i>Bioanalysis</i> , 2013, 5, 1443-1459.	0.6	48
42	Analysis of heterocyclic amines as their N-dimethylaminomethylene derivatives by gas chromatography with nitrogen-phosphorus selective detection. <i>Journal of Chromatography A</i> , 1997, 767, 187-194.	1.8	45
43	Recent advances in column switching sample preparation in bioanalysis. <i>Bioanalysis</i> , 2012, 4, 809-832.	0.6	45
44	Determination of ochratoxins in nuts and grain samples by in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1220, 1-6.	1.8	45
45	Determination of total plasma homocysteine and related aminothiols by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , 1995, 664, 421-425.	1.7	44
46	Simultaneous determination of urinary hippuric acid, o-, m- and p-methylhippuric acids, mandelic acid and phenylglyoxylic acid for biomonitoring of volatile organic compounds by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 566, 167-171.	2.6	44
47	Analysis of contaminant polycyclic aromatic hydrocarbons in tea products and crude drugs. <i>Analytical Methods</i> , 2011, 3, 299-305.	1.3	44
48	Analysis of lipoic acid in biological samples by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , 1993, 615, 197-202.	1.7	43
49	Analysis of nicotine and cotinine in hair by on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry as biomarkers of exposure to tobacco smoke. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 272-277.	1.4	42
50	Determination of cysteamine and cystamine by gas chromatography with flame photometric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1993, 11, 963-969.	1.4	35
51	Determination of total cysteamine in urine and plasma samples by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , 1994, 657, 9-13.	1.7	35
52	Analysis of abietic acid and dehydroabietic acid in food samples by in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1146, 61-66.	1.8	33
53	Determination of selenocyst(e)amine, selenocyst(e)ine and selenomethionine by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 1994, 659, 481-485.	1.8	32
54	Determination of the oxidative stress biomarker urinary 8-hydroxy-2'-deoxyguanosine by automated on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 140-146.	1.2	32

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55	Functional evaluation of cytochrome P450 2D6 with Gly42Arg substitution expressed in <i>Saccharomyces cerevisiae</i> . <i>Pharmacogenetics and Genomics</i> , 2001, 11, 709-718.	5.7	30
56	Occurrence of taurine in plants.. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 1887-1888.	0.3	29
57	Occurrence of Taurine in Plants. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 1887-1888.	0.3	29
58	Unmetabolized VOCs in Urine as Biomarkers of Low Level Exposure in Indoor Environments. <i>Journal of Occupational Health</i> , 2007, 49, 104-110.	1.0	29
59	Analysis of heterocyclic amines in hair by on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 786, 54-60.	2.6	29
60	Selective determination of volatile N-nitrosamines by derivatization with diethyl chlorothiophosphate and gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 1996, 723, 93-99.	1.8	27
61	Determination of amino acids in human serum by capillary gas chromatography. <i>Biomedical Applications</i> , 1996, 681, 375-380.	1.7	27
62	Species difference in enantioselectivity for the oxidation of propranolol by cytochrome P450 2D enzymes. <i>Chemico-Biological Interactions</i> , 2000, 127, 73-90.	1.7	27
63	SPME techniques for biomedical analysis. <i>Bioanalysis</i> , 2015, 7, 2135-2144.	0.6	27
64	Gas chromatographic method for the determination of urinary acetylpolyamines. <i>Biomedical Applications</i> , 1982, 233, 29-38.	1.7	26
65	Determination of aromatic amines as their N-dimethylthiophosphoryl derivatives by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 1996, 738, 83-90.	1.8	26
66	Analysis of urinary 8-isoprostane as an oxidative stress biomarker by stable isotope dilution using automated online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 112, 36-42.	1.4	26
67	Simultaneous analysis of multiple urinary biomarkers for the evaluation of oxidative stress by automated online in-tube solid-phase microextraction coupled with negative/positive ion-switching mode liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 2743-2749.	1.3	26
68	Inactivation of Rat Cytochrome P450 2D Enzyme by a Further Metabolite of 4-Hydroxypropranolol, the Major and Active Metabolite of Propranolol.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 988-994.	0.6	25
69	A sensitive method to determine melatonin in saliva by automated online in-tube solid-phase microextraction coupled with stable isotope-dilution liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 3134-3140.	1.3	25
70	In vitro and in vivo formation of aminophenylnorharman from norharman and aniline. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 506-507, 49-54.	0.4	23
71	Complementary DNA cloning and characterization of cytochrome P450 2D29 from Japanese monkey liver. <i>Biochemical Pharmacology</i> , 2002, 64, 1101-1110.	2.0	23
72	Analysis of Phthalate Contamination in Infusion Solutions by Automated On-Line In-Tube Solid-Phase Microextraction Coupled with High-Performance Liquid Chromatography. <i>Journal of Analytical Toxicology</i> , 2004, 28, 575-580.	1.7	23

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73	New Trends in Sample Preparation for Analysis of Plant-Derived Medicines. <i>Current Organic Chemistry</i> , 2010, 14, 1698-1713.	0.9	23
74	A sensitive method for the determination of tobacco-specific nitrosamines in mainstream and sidestream smokes of combustion cigarettes and heated tobacco products by online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1075, 98-105.	2.6	23
75	Gas chromatographic analysis of sulphonic acids as their sulphonamide derivatives. <i>Journal of Chromatography A</i> , 1989, 473, 276-280.	1.8	22
76	Characterization of inhibitory effects of perfluorooctane sulfonate on human hepatic cytochrome P450 isoenzymes: Focusing on CYP2A6. <i>Chemico-Biological Interactions</i> , 2011, 194, 120-126.	1.7	22
77	Formation of heterocyclic amine- α -amino acid adducts by heating in a model system. <i>Food Chemistry</i> , 2012, 130, 725-729.	4.2	22
78	Development of exposure assessment method based on the analysis of urinary heterocyclic amines as biomarkers by on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2171-2178.	1.9	22
79	Electron-capture gas chromatography of taurine as its N-pentafluorobenzoyl di-n-butylamide derivative. <i>Biomedical Applications</i> , 1985, 339, 370-374.	1.7	21
80	Determination of glutathione and related aminothiols by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , 1995, 9, 85-89.	0.8	21
81	Effect of aflatoxin B1 on UDP-glucuronosyltransferase mRNA expression in HepG2 cells. <i>Chemosphere</i> , 2012, 89, 526-529.	4.2	21
82	Stereoselective Metabolism of Bufuralol Racemate and Enantiomers in Human Liver Microsomes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 172-178.	1.3	20
83	Gas chromatography of phenolic amines, 3-methoxycatecholamines, indoleamines and related amines as their N,O-ethylloxycarbonyl derivatives. <i>Journal of Chromatography A</i> , 1980, 194, 399-403.	1.8	19
84	Quantitative gas-liquid chromatography of taurine. <i>Biomedical Applications</i> , 1984, 306, 61-68.	1.7	19
85	Determination of low molecular weight aliphatic primary amines in urine as their benzenesulphonyl derivatives by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , 1992, 6, 251-254.	0.8	19
86	Determination of secondary amines in various foods by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 1995, 695, 142-148.	1.8	19
87	[18] Analysis of lipoic acid by gas chromatography with flame photometric detection. <i>Methods in Enzymology</i> , 1997, 279, 166-176.	0.4	19
88	Gas chromatographic determination of aldehydes in combustion smoke samples. <i>Analytica Chimica Acta</i> , 1998, 358, 269-275.	2.6	19
89	Capillary gas chromatographic analysis of protein amino acids as their N(O,S)-isobutoxycarbonyl methyl ester derivatives. <i>Biomedical Chromatography</i> , 1995, 9, 205-210.	0.8	18
90	Gas Chromatography of Amines as Various Derivatives. <i>Journal of Chromatography Library</i> , 2005, 70, 364-404.	0.1	18

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91	Automated analysis of salivary stress-related steroid hormones by online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2012, 4, 3625.	1.3	18
92	Determination of the herbicide glyphosate and its metabolite(aminomethyl)phosphonic acid by gas chromatography with flame photometric detection.. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 195-198.	0.3	17
93	Selective and sensitive determination of urinary total proline and hydroxyproline by gas chromatography with flame photometric detection. <i>Clinica Chimica Acta</i> , 1993, 214, 13-20.	0.5	17
94	Determination of sulphur amino acids by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , 1994, 8, 119-124.	0.8	17
95	Determination of isophorone in food samples by solid-phase microextraction coupled with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1155, 100-104.	1.8	17
96	Determination of hippuric acid and o-, m- and p-methylhippuric acids in urine by capillary gas chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1991, 9, 699-704.	1.4	16
97	Detection of Aminophenylnorharman, a Possible Endogenous Mutagenic and Carcinogenic Compound, in Human Urine Samples. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 151-156.	1.1	16
98	Determination of ammonia as its benzenesulphonyldimethylaminomethylene derivative in environmental water samples by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 1993, 633, 311-314.	1.8	15
99	Selective and sensitive determination of pamidronate in human plasma and urine by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , 1995, 9, 243-245.	0.8	15
100	Gas chromatographic analysis of 3-amino-1-hydroxypropylidene-1,1-bisphosphonate and related bisphosphonate as their N-isobutoxycarbonyl methyl ester derivatives. <i>Journal of Chromatography A</i> , 1996, 724, 279-284.	1.8	15
101	Proteome analysis of new antimalarial endoperoxide against Plasmodium falciparum. <i>Parasitology Research</i> , 2007, 100, 1119-1124.	0.6	15
102	Formation of protein adducts of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in cooked foods. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1039-1048.	1.5	15
103	Rapid and simultaneous analysis of protein and non-protein amino acids as N(O,S)-isobutoxycarbonyl methyl ester derivatives by capillary gas chromatography. <i>Journal of Chromatography A</i> , 1997, 758, 167-173.	1.8	14
104	Automated Analysis of Non-steroidal Anti-inflammatory Drugs in Environmental Water by On-line In-tube Solid-phase Microextraction Coupled with Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Environmental Chemistry</i> , 2008, 18, 511-520.	0.1	14
105	Gas chromatographic analysis of aminoalkylphosphonic acids and aminoalkyl phosphates. <i>Journal of Chromatography A</i> , 1988, 436, 67-72.	1.8	13
106	Selective determination of secondary amines as theirN-diethylthiophosphoryl derivatives by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , 1993, 7, 129-133.	0.8	13
107	Automated Analysis of Oxytocin by On-Line in-Tube Solid-Phase Microextraction Coupled with Liquid Chromatography-Tandem Mass Spectrometry. <i>Chromatography (Basel)</i> , 2015, 2, 382-391.	1.2	13
108	Determination of aliphatic aldehydes as their thiazolidine derivatives in foods by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 1995, 709, 303-311.	1.8	12

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109	Distribution and Contents of Free O-Phosphoamino Acids in Animal Tissues1. Journal of Biochemistry, 1991, 109, 577-580.	0.9	11
110	Determination of amino acids in biological fluids by capillary gas chromatography with nitrogen-phosphorus selective detection. Journal of Pharmaceutical and Biomedical Analysis, 1997, 15, 1271-1279.	1.4	11
111	Analysis of aromatic amines asN-propoxycarbonyl derivatives by gas chromatography with nitrogen-phosphorus selective detection. Journal of Separation Science, 2007, 30, 90-97.	1.3	11
112	Online In-Tube Solid-Phase Microextraction Coupled to Liquid Chromatographyâ€“Tandem Mass Spectrometry for the Determination of Tobacco-Specific Nitrosamines in Hair Samples. Molecules, 2021, 26, 2056.	1.7	11
113	Analysis of free and boundO-phosphoamino acids in urine by gas chromatography with flame photometric detection. Biomedical Chromatography, 1993, 7, 184-188.	0.8	10
114	Determination of Glutathione and Related Aminothiols in Mouse Tissues by Gas Chromatography with Flame Photometric Detection. Bioscience, Biotechnology and Biochemistry, 1996, 60, 729-731.	0.6	10
115	Automated analysis of oseltamivir and oseltamivir carboxylate in environmental waters by online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. Analytical Methods, 2012, 4, 1513-1518.	1.3	10
116	Sample preparation for liquid chromatography. , 2017, , 1-37.		10
117	Online In-Tube Solid-Phase Microextraction Coupled with Liquid Chromatographyâ€“Tandem Mass Spectrometry for Automated Analysis of Four Sulfated Steroid Metabolites in Saliva Samples. Molecules, 2022, 27, 3225.	1.7	10
118	High-performance liquid chromatographic analysis of the sulfation of 4-hydroxypropranolol enantiomers by monkey liver cytosol. Chirality, 2001, 13, 140-147.	1.3	9
119	Headspace Solid-Phase Microextraction/Gas Chromatographyâ€“Mass Spectrometry for the Determination of 2-Nonenal and Its Application to Body Odor Analysis. Molecules, 2021, 26, 5739.	1.7	9
120	Analysis of O-Phosphoamino Acids in Proteins by Gas Chromatography with Flame Photometric Detection.. Agricultural and Biological Chemistry, 1991, 55, 1587-1592.	0.3	8
121	Determination of primary amines by benzenesulfonylation/GC with flame photometric detection.. Bunseki Kagaku, 1991, 40, 119-123.	0.1	8
122	Determination of The Herbicide Glyphosate and Its Metabolite (Aminomethyl)phosphonic Acid by Gas Chromatography with Flame Photometric Detection. Agricultural and Biological Chemistry, 1991, 55, 195-198.	0.3	8
123	Gas chromatographic determination of hypotaurine. Biomedical Applications, 1986, 382, 242-246.	1.7	7
124	Selective determination of secondary amino acids as their N-dimethylthiophosphoryl methyl ester derivatives by gas chromatography with flame photometric detection. Journal of Chromatography A, 1992, 626, 239-243.	1.8	7
125	A New Bretylum-Selective Electrode for Monitoring the Drug in Blood Serum. Analytical Letters, 1996, 29, 1281-1292.	1.0	7
126	Indoor Air Monitoring of Volatile Organic Compounds and Evaluation of Their Emission from Various Building Materials and Common Products by Gas Chromatography-Mass Spectrometry. , 0, , .		7

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127	Determination of taurine in animal tissues by gas chromatography.. Bunseki Kagaku, 1985, 34, 128-132.	0.1	6
128	O-Phosphoamino acid analysis of phosphorylated proteins by gas chromatography with flame photometric detection. Journal of Pharmaceutical and Biomedical Analysis, 1992, 10, 365-369.	1.4	6
129	Determination of primary amines as their N-benzenesulfonyl-N-trifluoroacetyl derivatives by GC with electron capture detection.. Bunseki Kagaku, 1994, 43, 1113-1118.	0.1	6
130	Selective and Sensitive Determination of Protein and Non-Protein Amino Acids by Capillary Gas Chromatography with Nitrogen-Phosphorus Selective Detection. Biomedical Chromatography, 1997, 11, 154-159.	0.8	6
131	Chapter 23 Sampling and sample preparation for clinical and pharmaceutical analysis. Comprehensive Analytical Chemistry, 2002, 37, 779-836.	0.7	6
132	Gas chromatographic determination of cysteic acid. Journal of Chromatography A, 1986, 354, 482-485.	1.8	5
133	Determination of 2-aminoethylphosphonic acid and its N-methyl derivative in animal tissues by gas chromatography with flame photometric detection.. Agricultural and Biological Chemistry, 1989, 53, 2791-2796.	0.3	5
134	Determination of phosphoethanolamine in animal tissues by gas chromatography with flame photometric detection. Biomedical Applications, 1989, 494, 283-288.	1.7	5
135	Analysis of O-Phosphoamino Acids in the Protein Fractions of Mouse Tissue by Gas Chromatography. Bioscience, Biotechnology and Biochemistry, 1992, 56, 1300-1301.	0.6	5
136	Determination of free and total proline and hydroxyproline in plasma and tissue samples by gas chromatography with flame photometric detection. Biomedical Chromatography, 1993, 7, 296-300.	0.8	5
137	Identification of O-phosphoamino acids in urine hydrolysate by gas chromatography-mass spectrometry. Biomedical Applications, 1993, 615, 136-141.	1.7	5
138	Pharmaceutical Analysis Sample Preparation 2018, 231-231.		5
139	Risk Assessment of Passive Smoking Based on Analysis of Hair Nicotine and Cotinine as Exposure Biomarkers by In-Tube Solid-Phase Microextraction Coupled On-Line to LC-MS/MS. Molecules, 2021, 26, 7356.	1.7	5
140	Distribution of cysteamine dioxygenase in animal tissues.. Agricultural and Biological Chemistry, 1988, 52, 1611-1613.	0.3	4
141	Determination of urinary 2-phenylethylamine as its N-benzenesulphonamide derivative by gas chromatography with flame photometric detection. Biomedical Applications, 1992, 578, 120-123.	1.7	4
142	Capillary Gas Chromatographic Analysis of Protein and Nonprotein Amino Acids in Biological Samples. , 2000, 159, 101-122.		4
143	Determination of linear-alkylbenzenesulfonate by GC with flame photometric detection.. Bunseki Kagaku, 1989, 38, 312-315.	0.1	3
144	Chapter 1 Gas chromatographic analysis of environmental amines with selective detectors. Handbook of Analytical Separations, 2001, 3, 1-37.	0.8	3

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