

# Hiroyuki Kataoka

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8289592/hiroyuki-kataoka-publications-by-year.pdf>

**Version:** 2024-04-26

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.

158  
papers

6,120  
citations

40  
h-index

73  
g-index

170  
ext. papers

6,552  
ext. citations

3.4  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
158	Online In-Tube Solid-Phase Microextraction Coupled with Liquid Chromatography-Tandem Mass Spectrometry for Automated Analysis of Four Sulfated Steroid Metabolites in Saliva Samples. <i>Molecules</i> , <b>2022</b> , 27, 3225	4.8	1
157	In-tube solid-phase microextraction: Current trends and future perspectives. <i>Journal of Chromatography A</i> , <b>2021</b> , 1636, 461787	4.5	20
156	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>Analytical Chemistry</i> , <b>2019</b> , 91, 1077-1087	6.6	14
155	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> , <b>2018</b> , 41, 2743-2749	3.4	17
154	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> , <b>2018</b> , 156, 272-277	3.5	30
153	Pharmaceutical Analysis   Sample Preparation <b>2018</b> , 231-231		2
152	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> , <b>2017</b> , 9, 3134-3140	3.2	17
151	Sample preparation for liquid chromatography <b>2017</b> , 1-37		5
150	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> , <b>2015</b> , 1000, 187-91	3.2	27
149	Recent progress in solid-phase microextraction and its pharmaceutical and biomedical applications. <i>Analytical Methods</i> , <b>2016</b> , 8, 5773-5788	3.2	57
148	Spatial correlativity of atmospheric particulate components simultaneously collected in Japan. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 85	3.1	
147	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> , <b>2015</b> , 1000, 187-91	3.2	39
146	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> , <b>2015</b> , 112, 36-42	3.5	24
145	SPME techniques for biomedical analysis. <i>Bioanalysis</i> , <b>2015</b> , 7, 2135-44	2.1	22
144	Automated Analysis of Oxytocin by On-Line in-Tube Solid-Phase Microextraction Coupled with Liquid Chromatography-Tandem Mass Spectrometry. <i>Chromatography (Basel)</i> , <b>2015</b> , 2, 382-391		9
143	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> , <b>2014</b> , 406, 2171-8	4.4	18
142	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> , <b>2013</b> , 786, 54-60	6.6	26

141	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> , <b>2013</b> , 405, 331-40	4.4	44
140	Noninvasive analysis of volatile biomarkers in human emanations for health and early disease diagnosis. <i>Bioanalysis</i> , <b>2013</b> , 5, 1443-59	2.1	34
139	Recent advances in column switching sample preparation in bioanalysis. <i>Bioanalysis</i> , <b>2012</b> , 4, 809-32	2.1	39
138	Automated analysis of oseltamivir and oseltamivir carboxylate in environmental waters by online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , <b>2012</b> , 4, 1513-1518	3.2	7
137	Effect of aflatoxin B1 on UDP-glucuronosyltransferase mRNA expression in HepG2 cells. <i>Chemosphere</i> , <b>2012</b> , 89, 526-9	8.4	16
136	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> , <b>2012</b> , 4, 3625	3.2	13
135	Indoor Air Monitoring of Volatile Organic Compounds and Evaluation of Their Emission from Various Building Materials and Common Products by Gas Chromatography-Mass Spectrometry <b>2012</b> ,		7
134	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> , <b>2012</b> , 1220, 1-6	4.5	38
133	Formation of heterocyclic amine-amino acid adducts by heating in a model system. <i>Food Chemistry</i> , <b>2012</b> , 130, 725-729	8.5	18
132	Sampling and Sample Preparation for Clinical and Pharmaceutical Analysis <b>2011</b> , 285-311		2
131	Current developments and future trends in solid-phase microextraction techniques for pharmaceutical and biomedical analyses. <i>Analytical Sciences</i> , <b>2011</b> , 27, 893-905	1.7	84
130	Characterization of inhibitory effects of perfluorooctane sulfonate on human hepatic cytochrome P450 isoenzymes: focusing on CYP2A6. <i>Chemico-Biological Interactions</i> , <b>2011</b> , 194, 120-6	5	18
129	Analysis of contaminant polycyclic aromatic hydrocarbons in tea products and crude drugs. <i>Analytical Methods</i> , <b>2011</b> , 3, 299-305	3.2	39
128	Recent advances in SPME techniques in biomedical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 54, 926-50	3.5	174
127	New Trends in Sample Preparation for Analysis of Plant-Derived Medicines. <i>Current Organic Chemistry</i> , <b>2010</b> , 14, 1698-1713	1.7	19
126	Recent developments and applications of microextraction techniques in drug analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 396, 339-64	4.4	170
125	Determination of perfluorooctanoic acid and perfluorooctane sulfonate by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2010</b> , 658, 141-6	6.6	58
124	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> , <b>2010</b> , 1217, 5555-63	4.5	156

123	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> , <b>2010</b> , 52, 727-33	3.5	65
122	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> , <b>2010</b> , 54, 1039-48	5.9	13
121	Heterocyclic amines content of meat and fish cooked by Brazilian methods. <i>Journal of Food Composition and Analysis</i> , <b>2010</b> , 23, 61-69	4.1	65
120	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> , <b>2009</b> , 49, 108-14	3.5	119
119	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> , <b>2009</b> , 1216, 3746-50	4.5	60
118	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> , <b>2009</b> , 1216, 4416-22	4.5	120
117	Developments and applications of capillary microextraction techniques: a review. <i>Analytica Chimica Acta</i> , <b>2009</b> , 655, 8-29	6.6	147
116	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> , <b>2008</b> , 18, 511-520	0.3	13
115	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> , <b>2008</b> , 1186, 434-7	4.5	60
114	Analysis of aromatic amines as N-propoxycarbonyl derivatives by gas chromatography with nitrogen-phosphorus selective detection. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 90-7	3.4	11
113	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> , <b>2007</b> , 1146, 61-6	4.5	29
112	Determination of isophorone in food samples by solid-phase microextraction coupled with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2007</b> , 1155, 100-4	4.5	13
111	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> , <b>2007</b> , 44, 160-5	3.5	68
110	Proteome analysis of new antimalarial endoperoxide against Plasmodium falciparum. <i>Parasitology Research</i> , <b>2007</b> , 100, 1119-24	2.4	12
109	Detection of aminophenylnorharman, a possible endogenous mutagenic and carcinogenic compound, in human urine samples. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2007</b> , 16, 151-6	4	15
108	Unmetabolized VOCs in urine as biomarkers of low level exposure in indoor environments. <i>Journal of Occupational Health</i> , <b>2007</b> , 49, 104-10	2.3	25
107	Analysis of Herbicides in Water by On-Line In-Tube Solid-Phase Microextraction Coupled With Liquid Chromatography-Mass Spectrometry <b>2006</b> , 365-382		
106	Automated Headspace Solid-Phase Microextraction and Gas Chromatography-Mass Spectrometry for Screening and Determination of Multiclass Pesticides in Water <b>2006</b> , 343-364		

105	Determination of fluoroquinolones in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2006</b> , 562, 16-22	6.6	95
104	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> , <b>2006</b> , 566, 167-171	6.6	35
103	Gas Chromatography of Amines as Various Derivatives. <i>Journal of Chromatography Library</i> , <b>2005</b> , 70, 364-404		10
102	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> , <b>2005</b> , 1081, 218-24	4.5	111
101	Recent Advances in Solid-Phase Microextraction and Related Techniques for Pharmaceutical and Biomedical Analysis. <i>Current Pharmaceutical Analysis</i> , <b>2005</b> , 1, 65-84	0.6	93
100	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> , <b>2004</b> , 28, 575-80	2.9	21
99	Were volatile organic compounds the inducing factors for subjective symptoms of employees working in newly constructed hospitals?. <i>Environmental Toxicology</i> , <b>2004</b> , 19, 280-90	4.2	44
98	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> , <b>2003</b> , 986, 169-77	4.5	56
97	New trends in sample preparation for clinical and pharmaceutical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2003</b> , 22, 232-244	14.6	181
96	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> , <b>2003</b> , 32, 469-78	3.5	55
95	In vitro and in vivo formation of aminophenylnorharman from norharman and aniline. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2002</b> , 506-507, 49-54	3.3	19
94	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> , <b>2002</b> , 506-507, 233-41	3.3	46
93	Complementary DNA cloning and characterization of cytochrome P450 2D29 from Japanese monkey liver. <i>Biochemical Pharmacology</i> , <b>2002</b> , 64, 1101-10	6	23
92	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> , <b>2002</b> , 25, 77-85	3.4	91
91	Automated sample preparation using in-tube solid-phase microextraction and its application -- a review. <i>Analytical and Bioanalytical Chemistry</i> , <b>2002</b> , 373, 31-45	4.4	250
90	Chapter 23 Sampling and sample preparation for clinical and pharmaceutical analysis. <i>Comprehensive Analytical Chemistry</i> , <b>2002</b> , 37, 779-836	1.9	6
89	Stereoselective metabolism of bufuralol racemate and enantiomers in human liver microsomes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 303, 172-8	4.7	19
88	High-performance liquid chromatographic analysis of the sulfation of 4-hydroxypropranolol enantiomers by monkey liver cytosol. <i>Chirality</i> , <b>2001</b> , 13, 140-7	2.1	8

87	Chapter 1 Gas chromatographic analysis of environmental amines with selective detectors. <i>Handbook of Analytical Separations</i> , <b>2001</b> , 3, 1-37	0.7	1
86	Functional evaluation of cytochrome P450 2D6 with Gly42Arg substitution expressed in <i>Saccharomyces cerevisiae</i> . <i>Pharmacogenetics and Genomics</i> , <b>2001</b> , 11, 709-18		29
85	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> , <b>2001</b> , 24, 988-94	2.3	24
84	Polypyrrole-coated capillary in-tube solid phase microextraction coupled with liquid chromatography-electrospray ionization mass spectrometry for the determination of $\beta$ -blockers in urine and serum samples. <i>Journal of Separation Science</i> , <b>2000</b> , 12, 255-266		96
83	Development of automated in-tube SPME/LC/MS method for drug analysis. <i>Journal of Separation Science</i> , <b>2000</b> , 12, 493-500		48
82	Applications of solid-phase microextraction in food analysis. <i>Journal of Chromatography A</i> , <b>2000</b> , 880, 35-62	4.5	850
81	Species difference in enantioselectivity for the oxidation of propranolol by cytochrome P450 2D enzymes. <i>Chemico-Biological Interactions</i> , <b>2000</b> , 127, 73-90	5	25
80	Analysis of O-phosphoamino acids in biological samples by gas chromatography with flame photometric detection. <i>Methods in Molecular Biology</i> , <b>2000</b> , 159, 183-206	1.4	1
79	Determination of sulfur amino acids, glutathione, and related aminothiols in biological samples by gas chromatography with flame photometric detection. <i>Methods in Molecular Biology</i> , <b>2000</b> , 159, 207-25	1.4	2
78	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> , <b>2000</b> , 24, 257-65	2.9	84
77	Identification of mutagenic heterocyclic amines (IQ, Trp-P-1 and AalphaC) in the water of the Danube river. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2000</b> , 466, 27-35	3	52
76	Capillary gas chromatographic analysis of protein and nonprotein amino acids in biological samples. <i>Methods in Molecular Biology</i> , <b>2000</b> , 159, 101-22	1.4	4
75	Automated in-tube solid-phase microextraction-liquid chromatography-electrospray ionization mass spectrometry for the determination of ranitidine. <i>Biomedical Applications</i> , <b>1999</b> , 731, 353-9		69
74	Automated in-tube solid-phase microextraction coupled with liquid chromatography/electrospray ionization mass spectrometry for the determination of beta-blockers and metabolites in urine and serum samples. <i>Analytical Chemistry</i> , <b>1999</b> , 71, 4237-44	7.8	162
73	Gas chromatographic determination of aldehydes in combustion smoke samples. <i>Analytica Chimica Acta</i> , <b>1998</b> , 358, 269-275	6.6	15
72	Determination of amphetamine and methamphetamine in human hair by headspace solid-phase microextraction and gas chromatography with nitrogen-phosphorus detection. <i>Biomedical Applications</i> , <b>1998</b> , 707, 99-104		56
71	Chromatographic analysis of lipoic acid and related compounds. <i>Biomedical Applications</i> , <b>1998</b> , 717, 247-62		64
70	Analysis of lipoic acid by gas chromatography with flame photometric detection. <i>Methods in Enzymology</i> , <b>1997</b> , 279, 166-76	1.7	18

69	Determination of amino acids in biological fluids by capillary gas chromatography with nitrogen-phosphorus selective detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1997</b> , 15, 1271-9	3.5	10
68	Selective and sensitive determination of protein and non-protein amino acids by capillary gas chromatography with nitrogen-phosphorus selective detection. <i>Biomedical Chromatography</i> , <b>1997</b> , 11, 154-9	1.7	4
67	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> , <b>1997</b> , 758, 167-173	4.5	8
66	Analysis of heterocyclic amines as their N-dimethylaminomethylene derivatives by gas chromatography with nitrogen-phosphorus selective detection. <i>Journal of Chromatography A</i> , <b>1997</b> , 767, 187-194	4.5	40
65	Methods for the determination of mutagenic heterocyclic amines and their applications in environmental analysis. <i>Journal of Chromatography A</i> , <b>1997</b> , 774, 121-42	4.5	76
64	Selective determination of volatile N-nitrosamines by derivatization with diethyl chlorothiophosphate and gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , <b>1996</b> , 723, 93-9	4.5	22
63	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> , <b>1996</b> , 724, 279-284	4.5	13
62	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> , <b>1996</b> , 726, 253-258	4.5	88
61	Determination of amino acids in human serum by capillary gas chromatography. <i>Biomedical Applications</i> , <b>1996</b> , 681, 375-80		25
60	Derivatization reactions for the determination of amines by gas chromatography and their applications in environmental analysis. <i>Journal of Chromatography A</i> , <b>1996</b> , 733, 19-34	4.5	234
59	Determination of aromatic amines as their N-dimethylthiophosphoryl derivatives by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , <b>1996</b> , 738, 83-90	4.5	23
58	Determination of glutathione and related aminothiols in mouse tissues by gas chromatography with flame photometric detection. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>1996</b> , 60, 729-31	2.1	9
57	A New Bretylum-Selective Electrode for Monitoring the Drug in Blood Serum. <i>Analytical Letters</i> , <b>1996</b> , 29, 1281-1292	2.2	6
56	Determination of total plasma homocysteine and related aminothiols by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , <b>1995</b> , 664, 421-5		34
55	Determination of secondary amines in various foods by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , <b>1995</b> , 695, 142-148	4.5	16
54	Determination of glutathione and related aminothiols by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , <b>1995</b> , 9, 85-9	1.7	19
53	Capillary gas chromatographic analysis of protein amino acids as their N(O,S)-isobutoxycarbonyl methyl ester derivatives. <i>Biomedical Chromatography</i> , <b>1995</b> , 9, 205-10	1.7	16
52	Selective and sensitive determination of pamidronate in human plasma and urine by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , <b>1995</b> , 9, 243-5	1.7	11

51	Determination of aliphatic aldehydes as their thiazolidine derivatives in foods by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , <b>1995</b> , 709, 303-11	4.5	10
50	Determination of sulphur amino acids by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , <b>1994</b> , 8, 119-24	1.7	17
49	Determination of total cysteamine in urine and plasma samples by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , <b>1994</b> , 657, 9-13		30
48	Determination of selenocyst(e)amine, selenocyst(e)ine and selenomethionine by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , <b>1994</b> , 659, 481-485	4.5	26
47	Determination of primary amines as their N-benzenesulfonyl-N-trifluoroacetyl derivatives by GC with electron capture detection.. <i>Bunseki Kagaku</i> , <b>1994</b> , 43, 1113-1118	0.2	4
46	Selective determination of secondary amines as their N-diethylthiophosphoryl derivatives by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , <b>1993</b> , 7, 129-33	1.7	12
45	Analysis of free and bound O-phosphoamino acids in urine by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , <b>1993</b> , 7, 184-8	1.7	8
44	Determination of free and total proline and hydroxyproline in plasma and tissue samples by gas chromatography with flame photometric detection. <i>Biomedical Chromatography</i> , <b>1993</b> , 7, 296-300	1.7	4
43	Identification of O-phosphoamino acids in urine hydrolysate by gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , <b>1993</b> , 615, 136-41		3
42	Analysis of lipoic acid in biological samples by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , <b>1993</b> , 615, 197-202		41
41	Determination of cysteamine and cystamine by gas chromatography with flame photometric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1993</b> , 11, 963-9	3.5	31
40	Determination of ammonia as its benzenesulphonyldimethylaminomethylene derivative in environmental water samples by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , <b>1993</b> , 633, 311-314	4.5	14
39	Selective and sensitive determination of urinary total proline and hydroxyproline by gas chromatography with flame photometric detection. <i>Clinica Chimica Acta</i> , <b>1993</b> , 214, 13-20	6.2	15
38	Analysis of O-phosphoamino acids in the protein fractions of mouse tissue by gas chromatography. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>1992</b> , 56, 1300-1	2.1	4
37	O-phosphoamino acid analysis of phosphorylated proteins by gas chromatography with flame photometric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1992</b> , 10, 365-9	3.5	6
36	Selective determination of secondary amino acids as their N-dimethylthiophosphoryl methyl ester derivatives by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , <b>1992</b> , 626, 239-243	4.5	6
35	Determination of urinary beta-phenylethylamine as its N-benzenesulphonamide derivative by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , <b>1992</b> , 578, 120-3		3
34	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> , <b>1992</b> , 6, 251-4	1.7	16



33	Analysis of O-Phosphoamino Acids in Proteins by Gas Chromatography with Flame Photometric Detection.. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 1587-1592		8
32	Determination of the herbicide glyphosate and its metabolite(aminomethyl)phosphonic acid by gas chromatography with flame photometric detection.. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 195-198		17
31	Distribution and contents of free O-phosphoamino acids in animal tissues. <i>Journal of Biochemistry</i> , <b>1991</b> , 109, 577-80	3.1	9
30	Determination of primary amines by benzenesulfonylation/GC with flame photometric detection.. <i>Bunseki Kagaku</i> , <b>1991</b> , 40, 119-123	0.2	7
29	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> , <b>1991</b> , 9, 699-704	3.5	15
28	Analysis of O-Phosphoamino Acids in Proteins by Gas Chromatography with Flame Photometric Detection. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 1587-1592		1
27	Determination of The Herbicide Glyphosate and Its Metabolite (Aminomethyl)phosphonic Acid by Gas Chromatography with Flame Photometric Detection. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 195-198		4
26	O-Phosphoethanolamine Content in Mouse Tissues during Development. <i>Agricultural and Biological Chemistry</i> , <b>1991</b> , 55, 289-290		
25	Occurrence of free O-phosphoserine and O-phosphothreonine in porcine liver.. <i>Agricultural and Biological Chemistry</i> , <b>1990</b> , 54, 1731-1733		2
24	Determination of isethionic acid by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , <b>1990</b> , 528, 172-7		
23	Determination of phosphoethanolamine in animal tissues by gas chromatography with flame photometric detection. <i>Biomedical Applications</i> , <b>1989</b> , 494, 283-8		4
22	Gas chromatographic analysis of sulphonic acids as their sulphonamide derivatives. <i>Journal of Chromatography A</i> , <b>1989</b> , 473, 276-280	4.5	20
21	Determination of 2-Aminoethylphosphonic Acid and Its Y-iM ethyl Derivative in Animal Tissues by Gas Chromatography with Flame Photometric Detection. <i>Agricultural and Biological Chemistry</i> , <b>1989</b> , 53, 2791-2796		1
20	Determination of O-phosphoethanolamine in urine and plasma by GC with flame photometric detection.. <i>Bunseki Kagaku</i> , <b>1989</b> , 38, 618-621	0.2	1
19	Gas chromatographic determination of orotic acid by extractive alkylation.. <i>Bunseki Kagaku</i> , <b>1989</b> , 38, 327-330	0.2	1
18	Determination of taurine in biological sample by GC with flame photometric detection.. <i>Bunseki Kagaku</i> , <b>1989</b> , 38, 401-403	0.2	1
17	Determination of linear-alkylbenzenesulfonate by GC with flame photometric detection.. <i>Bunseki Kagaku</i> , <b>1989</b> , 38, 312-315	0.2	1
16	Determination of 2-aminoethylphosphonic acid and its N-methyl derivative in animal tissues by gas chromatography with flame photometric detection.. <i>Agricultural and Biological Chemistry</i> , <b>1989</b> , 53, 2791-2796		5

15	Gas chromatographic analysis of aminoalkylphosphonic acids and aminoalkyl phosphates. <i>Journal of Chromatography A</i> , <b>1988</b> , 436, 67-72	4.5	11
14	Distribution of cysteamine dioxygenase in animal tissues.. <i>Agricultural and Biological Chemistry</i> , <b>1988</b> , 52, 1611-1613		2
13	Gas chromatographic assay for cysteine sulphinate decarboxylase activity in animal tissues. <i>Biomedical Applications</i> , <b>1987</b> , 420, 135-40		2
12	Gas chromatographic determination of cysteic acid. <i>Journal of Chromatography A</i> , <b>1986</b> , 354, 482-485	4.5	4
11	Gas chromatographic determination of hypotaurine. <i>Biomedical Applications</i> , <b>1986</b> , 382, 242-6		3
10	Occurrence of Taurine in Plants. <i>Agricultural and Biological Chemistry</i> , <b>1986</b> , 50, 1887-1888		20
9	Occurrence of taurine in plants.. <i>Agricultural and Biological Chemistry</i> , <b>1986</b> , 50, 1887-1888		26
8	Determination of cysteic acid in animal tissues by gas chromatography.. <i>Bunseki Kagaku</i> , <b>1986</b> , 35, 389-393		2
7	Determination of cysteine sulfinic acid in animal tissues by gas chromatography.. <i>Bunseki Kagaku</i> , <b>1986</b> , 35, 508-512	0.2	1
6	Determination of taurine in animal tissues by gas chromatography.. <i>Bunseki Kagaku</i> , <b>1985</b> , 34, 128-132	0.2	4
5	Electron-capture gas chromatography of taurine as its N-pentafluorobenzoyl di-n-butylamide derivative. <i>Biomedical Applications</i> , <b>1985</b> , 339, 370-4		17
4	Quantitative gas-liquid chromatography of taurine. <i>Biomedical Applications</i> , <b>1984</b> , 306, 61-68		17
3	Gas-liquid chromatographic method for analysis of Di- and polyamines in foods. <i>Journal of Agricultural and Food Chemistry</i> , <b>1982</b> , 30, 435-9	5.7	89
2	Gas chromatographic method for the determination of urinary acetylpolyamines. <i>Biomedical Applications</i> , <b>1982</b> , 233, 29-38		23
1	Gas chromatography of phenolic amines, 3-methoxycatecholamines, indoleamines and related amines as their N,O-ethyloxycarbonyl derivatives. <i>Journal of Chromatography A</i> , <b>1980</b> , 194, 399-403	4.5	15