

Roberto Samperi

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137
papers

7,186
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51
h-index

79
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139
ext. papers

7,634
ext. citations

5.6
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5.49
L-index

#	Paper	IF	Citations
137	Monitoring Natural and Synthetic Estrogens at Activated Sludge Sewage Treatment Plants and in a Receiving River Water. <i>Environmental Science & Technology</i> , 2000 , 34, 5059-5066	10.3	756
136	Recent developments in matrix solid-phase dispersion extraction. <i>Journal of Chromatography A</i> , 2010 , 1217, 2521-32	4.5	228
135	Monitoring aromatic surfactants and their biodegradation intermediates in raw and treated sewages by solid-phase extraction and liquid chromatography. <i>Environmental Science & Technology</i> , 1994 , 28, 850-8	10.3	187
134	Determination of Nonionic Polyethoxylate Surfactants in Environmental Waters by Liquid Chromatography/Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 1995 , 67, 1797-1804	7.8	172
133	Flavonoids: chemical properties and analytical methodologies of identification and quantitation in foods and plants. <i>Natural Product Research</i> , 2011 , 25, 469-95	2.3	122
132	Characterization of Recalcitrant Intermediates from Biotransformation of the Branched Alkyl Side Chain of Nonylphenol Ethoxylate Surfactants. <i>Environmental Science & Technology</i> , 1998 , 32, 2401-2409	10.3	119
131	Graphitized carbon black extraction cartridges for monitoring polar pesticides in water. <i>Analytical Chemistry</i> , 1993 , 65, 907-912	7.8	118
130	Determination of aflatoxins in olive oil by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2007 , 596, 141-8	6.6	116
129	Liquid chromatography/tandem mass spectrometric confirmatory method for determining aflatoxin M1 in cow milk: comparison between electrospray and atmospheric pressure photoionization sources. <i>Journal of Chromatography A</i> , 2006 , 1101, 69-78	4.5	112
128	Analysis of drought responsive proteins in wheat (<i>Triticum durum</i>) by 2D-PAGE and MALDI-TOF mass spectrometry. <i>Plant Science</i> , 2009 , 177, 570-576	5.3	108
127	Multiclass mycotoxin analysis in food, environmental and biological matrices with chromatography/mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2012 , 31, 466-503	11	105
126	Development of a Multiresidue Method for Analyzing Pesticide Traces in Water Based on Solid-Phase Extraction and Electrospray Liquid Chromatography Mass Spectrometry. <i>Environmental Science & Technology</i> , 1997 , 31, 479-488	10.3	104
125	A liquid chromatography-mass spectrometry assay for analyzing sulfonamide antibacterials in cattle and fish muscle tissues. <i>Analytical Chemistry</i> , 2003 , 75, 1798-804	7.8	104
124	Development of a multiresidue method for analysis of major <i>Fusarium</i> mycotoxins in corn meal using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 2085-93	2.2	104
123	Liquid chromatography/tandem mass spectrometry determination of organophosphorus flame retardants and plasticizers in drinking and surface waters. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 1123-30	2.2	103
122	Recent trends in the analysis of bioactive peptides in milk and dairy products. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 2677-85	4.4	100
121	Occurrence of organophosphorus flame retardant and plasticizers in three volcanic lakes of central Italy. <i>Environmental Science & Technology</i> , 2008 , 42, 1898-903	10.3	97

120	Identification of potential bioactive peptides generated by simulated gastrointestinal digestion of soybean seeds and soy milk proteins. <i>Journal of Food Composition and Analysis</i> , 2015 , 44, 205-213	4.1	96
119	Reversed-phase high-performance liquid chromatographic determination of linear alkylbenzene sulphonates, nonylphenol polyethoxylates and their carboxylic biotransformation products. <i>Journal of Chromatography A</i> , 1993 , 644, 59-71	4.5	93
118	Liquid chromatographic determination of linear alkylbenzenesulfonates in aqueous environmental samples. <i>Analytical Chemistry</i> , 1991 , 63, 1179-82	7.8	89
117	Evaluation of graphitized carbon black cartridges for rapid organic trace enrichment from water: application to priority pollutant phenols. <i>Analytical Chemistry</i> , 1986 , 58, 2048-2052	7.8	88
116	Multiresidue herbicide analysis in soil: subcritical water extraction with an on-line sorbent trap. <i>Analytical Chemistry</i> , 1999 , 71, 2157-63	7.8	86
115	Rapid-resolution liquid chromatography/mass spectrometry for determination and quantitation of polyphenols in grape berries. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 3089-99	2.2	85
114	Evaluation of graphitized carbon black as a selective adsorbent for extracting acidic organic compounds from water. <i>Journal of Chromatography A</i> , 1993 , 642, 163-174	4.5	85
113	Recent trends in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 43, 53-66	14.6	80
112	Recent advances and developments in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 71, 186-193	14.6	80
111	Ultratrace Determination of Atrazine and Its Six Major Degradation Products in Water by Solid-Phase Extraction and Liquid Chromatography/Electrospray/Mass Spectrometry. <i>Environmental Science & Technology</i> , 1997 , 31, 1658-1663	10.3	76
110	Estrogen conjugates in late-pregnancy fluids: extraction and group separation by a graphitized carbon black cartridge and quantification by high-performance liquid chromatography. <i>Analytical Chemistry</i> , 1987 , 59, 1720-5	7.8	76
109	Identification and mass spectrometric characterization of glycosylated flavonoids in <i>Triticum durum</i> plants by high-performance liquid chromatography with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 3143-58	2.2	75
108	Determination of Acidic Pesticides in Water by a Benchtop Electrospray Liquid Chromatography Mass Spectrometer. <i>Analytical Chemistry</i> , 1995 , 67, 1968-1975	7.8	74
107	Determination of type B trichothecenes and macrocyclic lactone mycotoxins in field contaminated maize. <i>Food Chemistry</i> , 2005 , 92, 559-568	8.5	72
106	Solid-phase extraction followed by liquid chromatography-mass spectrometry for trace determination of beta-lactam antibiotics in bovine milk. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 3463-70	5.7	68
105	Intact protein separation by chromatographic and/or electrophoretic techniques for top-down proteomics. <i>Journal of Chromatography A</i> , 2011 , 1218, 8760-76	4.5	67
104	Determination of chloroaniline traces in environmental waters by selective extraction with two traps in tandem and liquid chromatography. <i>Analytical Chemistry</i> , 1990 , 62, 1490-1494	7.8	67
103	Hot phosphate-buffered water extraction coupled on-line with liquid chromatography/mass spectrometry for analyzing contaminants in soil. <i>Analytical Chemistry</i> , 2000 , 72, 3050-5	7.8	66

102	Trace Analysis of Sulfonylurea Herbicides in Water: Extraction and Purification by a Carbohydrate 4 Cartridge, Followed by Liquid Chromatography with UV Detection, and Confirmatory Analysis by an Electrospray/Mass Detector. <i>Analytical Chemistry</i> , 1997 , 69, 2819-2826	7.8	65
101	Determination of surfactants and some of their metabolites in untreated and anaerobically digested sewage sludge by subcritical water extraction followed by liquid chromatography-mass spectrometry. <i>Environmental Science & Technology</i> , 2002 , 36, 4156-61	10.3	65
100	Determination of aflatoxins in hazelnuts by various sample preparation methods and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1179, 182-9	4.5	64
99	Comparison of extraction methods for the identification and quantification of polyphenols in virgin olive oil by ultra-HPLC-QToF mass spectrometry. <i>Food Chemistry</i> , 2014 , 158, 392-400	8.5	62
98	Automated on-line solid-phase extraction-liquid chromatography-electrospray tandem mass spectrometry method for the determination of ochratoxin A in wine and beer. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5518-25	5.7	62
97	Multiclass screening method based on solvent extraction and liquid chromatography-tandem mass spectrometry for the determination of antimicrobials and mycotoxins in egg. <i>Journal of Chromatography A</i> , 2012 , 1268, 84-90	4.5	61
96	Evaluation of two new examples of graphitized carbon blacks for use in solid-phase extraction cartridges. <i>Journal of Chromatography A</i> , 1996 , 733, 41-55	4.5	61
95	Do plasma proteins distinguish between liposomes of varying charge density?. <i>Journal of Proteomics</i> , 2012 , 75, 1924-32	3.9	57
94	Purification and identification of endogenous antioxidant and ACE-inhibitory peptides from donkey milk by multidimensional liquid chromatography and nanoHPLC-high resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 5657-66	4.4	55
93	Determination of isoflavones and coumestrol in river water and domestic wastewater sewage treatment plants. <i>Analytica Chimica Acta</i> , 2005 , 531, 229-237	6.6	54
92	Peptidome characterization and bioactivity analysis of donkey milk. <i>Journal of Proteomics</i> , 2015 , 119, 21-9	3.9	53
91	Development and validation of a liquid chromatography/atmospheric pressure photoionization-tandem mass spectrometric method for the analysis of mycotoxins subjected to commission regulation (EC) No. 1881/2006 in cereals. <i>Journal of Chromatography A</i> , 2010 , 1217, 6044-51	4.5	53
90	Quantification of phenylurea herbicides and their free and humic acid-associated metabolites in natural waters. <i>Journal of Chromatography A</i> , 1999 , 852, 465-74	4.5	53
89	Gel-free proteomics reveal potential biomarkers of priming-induced salt tolerance in durum wheat. <i>Journal of Proteomics</i> , 2013 , 91, 486-99	3.9	51
88	A simple and sensitive liquid chromatography-mass spectrometry confirmatory method for analyzing sulfonamide antibacterials in milk and egg. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 558-66	5.7	51
87	Gas chromatographic determination at the parts-per-million level of aliphatic amines in aqueous solution. <i>Analytical Chemistry</i> , 1974 , 46, 977-981	7.8	51
86	Comparative analysis of metabolic proteome variation in ascorbate-primed and unprimed wheat seeds during germination under salt stress. <i>Journal of Proteomics</i> , 2014 , 108, 238-57	3.9	50
85	Simultaneous determination of acidic and non-acidic pesticides in natural waters by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2000 , 878, 87-98	4.5	50

84	Liquid Chromatography- Electrospray-Mass Spectrometry as a Valuable Tool for Characterizing Biodegradation Intermediates of Branched Alcohol Ethoxylate Surfactants. <i>Environmental Science & Technology</i> , 1998 , 32, 711-718	10.3	49
83	Multiclass analysis of mycotoxins in biscuits by high performance liquid chromatography-tandem mass spectrometry. Comparison of different extraction procedures. <i>Journal of Chromatography A</i> , 2014 , 1343, 69-78	4.5	47
82	Subcritical Water Extraction Followed by Liquid Chromatography Mass Spectrometry for Determining Terbutylazine and Its Metabolites in Aged and Incubated Soils. <i>Environmental Science & Technology</i> , 1999 , 33, 3271-3277	10.3	47
81	Selective determination of phenols in water by a two-trap tandem extraction system followed by liquid chromatography. <i>Journal of Chromatography A</i> , 1993 , 642, 175-184	4.5	46
80	Rapid determination of simazine and atrazine in water at the parts per trillion (10(12) level. Extraction by a miniaturized carbopack B trap followed by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1987 , 405, 357-63	4.5	46
79	Determination of trace amounts of C2-C5 acids in aqueous solutions by gas chromatography. <i>Analytical Chemistry</i> , 1974 , 46, 140-143	7.8	46
78	Analytical strategies based on chromatography-mass spectrometry for the determination of estrogen-mimicking compounds in food. <i>Journal of Chromatography A</i> , 2013 , 1313, 62-77	4.5	45
77	Investigation of the Fate of Linear Alkyl Benzenesulfonates and Coproducts in a Laboratory Biodegradation Test by Using Liquid Chromatography/Mass Spectrometry. <i>Environmental Science & Technology</i> , 1999 , 33, 4112-4118	10.3	45
76	High-performance liquid chromatographic-fluorescence determination of aliphatic alcohol polyethoxylates and poly(ethylene glycol)s in aqueous samples. <i>Journal of Chromatography A</i> , 1996 , 756, 159-174	4.5	45
75	Fate of Linear Alkyl Benzenesulfonates, Coproducts, and Their Metabolites in Sewage Treatment Plants and in Receiving River Waters. <i>Environmental Science & Technology</i> , 1999 , 33, 4119-4125	10.3	44
74	Liquid chromatography-high resolution mass spectrometry for the analysis of phytochemicals in vegetal-derived food and beverages. <i>Food Research International</i> , 2017 , 100, 28-52	7	43
73	Proteomic study of a tolerant genotype of durum wheat under salt-stress conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 1423-35	4.4	42
72	Liquid chromatography-negative ion atmospheric pressure photoionization tandem mass spectrometry for the determination of brominated flame retardants in environmental water and industrial effluents. <i>Journal of Chromatography A</i> , 2009 , 1216, 6400-9	4.5	41
71	Aflatoxin M1 determination in cheese by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1135, 135-41	4.5	41
70	Pesticide stability studies upon storage in a graphitized carbon black extraction cartridge. <i>Environmental Science & Technology</i> , 1995 , 29, 2185-90	10.3	39
69	Comparison of three different enrichment strategies for serum low molecular weight protein identification using shotgun proteomics approach. <i>Analytica Chimica Acta</i> , 2012 , 740, 58-65	6.6	38
68	Proteomic characterization of human platelet-derived microparticles. <i>Analytica Chimica Acta</i> , 2013 , 776, 57-63	6.6	37
67	Analysis of plasma protein adsorption onto DC-Chol-DOPE cationic liposomes by HPLC-CHIP coupled to a Q-TOF mass spectrometer. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 2895-903	4.4	36

66	Differential analysis of "protein corona" profile adsorbed onto different nonviral gene delivery systems. <i>Analytical Biochemistry</i> , 2011 , 419, 180-9	3.1	35
65	Flavonoid profile in soybeans by high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 2177-87	2.2	34
64	Method development for measuring trace levels of penicillins in aqueous environmental samples. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 1391-400	2.2	34
63	Determination of type B fumonisin mycotoxins in maize and maize-based products by liquid chromatography/tandem mass spectrometry using a QqQlinear ion trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 275-82	2.2	33
62	Development of an analytical strategy for the identification of potential bioactive peptides generated by in vitro tryptic digestion of fish muscle proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 845-54	4.4	32
61	Phosphopeptide enrichment: Development of magnetic solid phase extraction method based on polydopamine coating and Ti(4+)-IMAC. <i>Analytica Chimica Acta</i> , 2016 , 909, 67-74	6.6	32
60	Protein profile of mature soybean seeds and prepared soybean milk. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 9893-9	5.7	32
59	Development of a Rapid LC-MS/MS Method for the Determination of Emerging Fusarium mycotoxins Enniatins and Beauvericin in Human Biological Fluids. <i>Toxins</i> , 2015 , 7, 3554-71	4.9	32
58	Determination of Phenol Pollutants in Water at Trace Levels: Extraction by a Reversible Graphitized Carbon Black Cartridge. <i>Journal of AOAC INTERNATIONAL</i> , 1994 , 77, 446-453	1.7	32
57	Comprehensive polyphenol profiling of a strawberry extract (<i>Fragaria lananassa</i>) by ultra-high-performance liquid chromatography coupled with high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 2127-2142	4.4	31
56	Improved high-performance liquid chromatographic assay for determining organic acids in wines. <i>Journal of Chromatography A</i> , 1986 , 362, 47-53	4.5	31
55	Heterosis profile of sunflower leaves: a label free proteomics approach. <i>Journal of Proteomics</i> , 2014 , 99, 101-10	3.9	29
54	Detection of Poly(Ethylene Glycols) and Related Acidic Forms in Environmental Waters By Liquid Chromatography/Electrospray/Mass Spectrometry. <i>Environmental Science & Technology</i> , 1997 , 31, 2679-2685	10.3	28
53	Simultaneous determination of alkylbenzenesulfonates and dialkyltetralinsulfonates in water by liquid chromatography. <i>Water Research</i> , 1996 , 30, 722-730	12.5	27
52	Improvements in the gas chromatographic determination of trace amounts of aliphatic amines in aqueous solution. <i>Journal of Chromatography A</i> , 1979 , 170, 325-329	4.5	27
51	Acid-washed graphitized carbon black for gas chromatography. <i>Analytical Chemistry</i> , 1980 , 52, 1345-1350	0.8	27
50	Gas chromatographic analysis of aliphatic and aromatic hydrocarbons with 2,4,5,7-tetranitrofluorenone-modified graphitized carbon black. <i>Journal of Chromatography A</i> , 1976 , 122, 459-468	4.5	27
49	Polydopamine-coated magnetic nanoparticles for isolation and enrichment of estrogenic compounds from surface water samples followed by liquid chromatography-tandem mass spectrometry determination. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 4011-20	4.4	27

48	DNA affects the composition of lipoplex protein corona: a proteomics approach. <i>Proteomics</i> , 2011 , 11, 3349-58	4.8	26
47	Label-free quantitative analysis for studying the interactions between nanoparticles and plasma proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 635-45	4.4	25
46	Multiresidue analysis of endocrine-disrupting compounds and perfluorinated sulfates and carboxylic acids in sediments by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1438, 133-42	4.5	24
45	A sensitive confirmatory method for aflatoxins in maize based on liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 550-6	2.2	23
44	A new carbon-based magnetic material for the dispersive solid-phase extraction of UV filters from water samples before liquid chromatography-tandem mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 4181-4194	4.4	22
43	Simultaneous Determination of Naturally Occurring Estrogens and Mycoestrogens in Milk by Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 8940-6	5.7	22
42	Peroxiredoxin 2 nuclear levels are regulated by circadian clock synchronization in human keratinocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 53, 24-34	5.6	22
41	Determination of enantioselectivity and enantiomeric excess by mass spectrometry in the absence of chiral chromatographic separation: an overview. <i>Chemistry - A European Journal</i> , 2013 , 19, 11478-94	4.8	21
40	High performance liquid chromatography tandem mass spectrometry determination of perfluorinated acids in cow milk. <i>Journal of Chromatography A</i> , 2013 , 1319, 72-9	4.5	21
39	HPLC-CHIP coupled to a triple quadrupole mass spectrometer for carbonic anhydrase II quantification in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 394, 811-20	4.4	21
38	Multiresidue determination of UV filters in water samples by solid-phase extraction and liquid chromatography with tandem mass spectrometry analysis. <i>Journal of Separation Science</i> , 2014 , 37, 2882-94	3.4	20
37	Mass spectrometric identification of hemoglobin modifications induced by nitrosobenzene. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1601-8	7	20
36	Effect of membrane charge density on the protein corona of cationic liposomes: Interplay between cationic charge and surface area. <i>Applied Physics Letters</i> , 2011 , 99, 033702	3.4	19
35	Ultra-high-performance liquid chromatography-tandem mass spectrometry for the analysis of free and conjugated natural estrogens in cow milk without deconjugation. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 1705-19	4.4	18
34	Phenylpropanoate identification in young wheat plants by liquid chromatography/tandem mass spectrometry: monomeric and dimeric compounds. <i>Journal of Mass Spectrometry</i> , 2010 , 45, 1026-40	2.2	17
33	The interactive effects of irrigation, nitrogen fertilisation rate, delayed harvest and storage on the polyphenol content in red grape (<i>Vitis vinifera</i>) berries: A factorial experimental design. <i>Food Chemistry</i> , 2010 , 122, 1176-1184	8.5	17
32	A label-free method based on MALDI-TOF mass spectrometry for the absolute quantitation of troponin T in mouse cardiac tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 1969-76	4.4	17
31	Simultaneous quantitation of free and conjugated phytoestrogens in Leguminosae by liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2005 , 66, 1025-33	6.2	17

30	Application of an innovative matrix solid-phase dispersion-solid-phase extraction-liquid chromatography-tandem mass spectrometry analytical methodology to the study of the metabolism of the estrogenic mycotoxin zearalenone in rainbow trout liver and muscular tissue. <i>International Journal of Environmental Analytical Chemistry</i> , 2004 , 84, 1009-1016	1.8	17
29	Evaluation of modified graphitized carbon black for the analysis of light hydrocarbons. <i>Journal of Chromatography A</i> , 1975 , 107, 99-105	4.5	17
28	Proteome investigation of the non-model plant pomegranate (<i>Punica granatum</i> L.). <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 9301-9	4.4	16
27	Bioaccumulation of LAS in feral fish studied by a novel LC-MS/MS method. <i>Environmental Science & Technology</i> , 2003 , 37, 314-20	10.3	15
26	Correlations between baltic amber and Pinus resins. <i>Phytochemistry</i> , 1985 , 24, 859-861	4	15
25	Rapid separation of C4 hydrocarbons at 50.deg. by modified gas-solid chromatography. <i>Analytical Chemistry</i> , 1975 , 47, 1853-1854	7.8	15
24	Proteomic platform for the identification of proteins in olive (<i>Olea europaea</i>) pulp. <i>Analytica Chimica Acta</i> , 2013 , 800, 36-42	6.6	14
23	Natural estrogens in dairy products: Determination of free and conjugated forms by ultra high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015 , 38, 3599-606	3.4	14
22	Immunoprecipitation on magnetic beads and liquid chromatography-tandem mass spectrometry for carbonic anhydrase II quantification in human serum. <i>Analytical Biochemistry</i> , 2010 , 400, 195-202	3.1	14
21	Direct determination of valproate in minute whole blood samples. <i>Biomedical Applications</i> , 1984 , 310, 208-12		14
20	Method development for trace determination of poly(naphthalenesulfonate)-type pollutants in water by liquid chromatography-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2001 , 923, 97-105	4.5	13
19	Mycoestrogen determination in cow milk: Magnetic solid-phase extraction followed by liquid chromatography and tandem mass spectrometry analysis. <i>Journal of Separation Science</i> , 2016 , 39, 4794-4804	2.4	12
18	Evaluation of different two-dimensional chromatographic techniques for proteomic analysis of mouse cardiac tissue. <i>Biomedical Chromatography</i> , 2011 , 25, 594-9	1.7	12
17	Absolute quantification of cardiac troponin T by means of liquid chromatography/triple quadrupole tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 1159-67	2.2	10
16	Reliable measurement of non-esterified long-chain fatty acid pattern in blood plasma. <i>Biomedical Applications</i> , 1984 , 311, 9-15		10
15	Measurement of urinary estriol glucuronides during the menstrual cycle by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1988 , 434, 61-70		9
14	Hydrogen-treated graphitized carbon blacks. <i>Journal of Chromatography A</i> , 1973 , 77, 277-287	4.5	9
13	Food Proteins and Peptides. <i>Comprehensive Analytical Chemistry</i> , 2015 , 68, 309-357	1.9	8

12	Antidepressants in serum determined by isolation with two on-line sorbent cartridges and liquid chromatography. <i>Biomedical Applications</i> , 1990 , 530, 359-66		8
11	Gas chromatographic column for the rapid determination of congeners in potable spirits. <i>Journal of Chromatography A</i> , 1980 , 198, 347-353	4.5	8
10	Gas chromatographic separation at 50°C of C4 and C5 hydrocarbons. <i>Journal of Chromatography A</i> , 1976 , 117, 199-200	4.5	8
9	Rapid determination of acetate in plasma: adsorption and gas chromatography. <i>Clinica Chimica Acta</i> , 1982 , 126, 101-5	6.2	7
8	There is no mass spectrometry evidence that the C14 sample from the Shroud of Turin comes from a medieval invisible mending. <i>Thermochimica Acta</i> , 2015 , 617, 169-171	2.9	5
7	Evaluation of the atmospheric pressure photoionization source for the determination of benzidines and chloroanilines in water and industrial effluents by high performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2007 , 72, 419-26	6.2	5
6	Modified graphitized carbon black for the gas chromatographic analysis of alcoholic beverages. <i>Journal of Chromatography A</i> , 1979 , 170, 245-8	4.5	5
5	Investigation of free seleno-amino acids in extra-virgin olive oil by mixed mode solid phase extraction cleanup and enantioselective hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2019 , 278, 17-25	8.5	4
4	Total oestriol in maternal serum or plasma as measured by liquid chromatography. <i>Biomedical Applications</i> , 1985 , 337, 379-83		3
3	Polyphenol content in white table grape (<i>Vitis Vinifera</i>) berries of cultivar Italia: interactive effect of irrigation, delayed harvest and storage. <i>Natural Product Research</i> , 2012 , 26, 1787-95	2.3	2
2	Determination of Aflatoxins and Ochratoxin A in Olive Oil 2010 , 645-652		2
1	Comments on the analysis interpretation by Rogers and Latendresse regarding samples coming from the Shroud of Turin. <i>Thermochimica Acta</i> , 2016 , 632, 52-55	2.9	