

Aldo Laganã

List of Publications by Year in descending order

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286
papers

11,242
citations

28274

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49909

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all docs

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docs citations

291
times ranked

12576
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#	ARTICLE	IF	CITATIONS
1	Effect of polyethyleneglycol (PEG) chain length on the bioâ€“nano-interactions between PEGylated lipid nanoparticles and biological fluids: from nanostructure to uptake in cancer cells. <i>Nanoscale</i> , 2014, 6, 2782.	5.6	433
2	Analytical methodologies for determining the occurrence of endocrine disrupting chemicals in sewage treatment plants and natural waters. <i>Analytica Chimica Acta</i> , 2004, 501, 79-88.	5.4	307
3	Time Evolution of Nanoparticleâ€“Protein Corona in Human Plasma: Relevance for Targeted Drug Delivery. <i>Langmuir</i> , 2013, 29, 6485-6494.	3.5	248
4	Recent developments in matrix solid-phase dispersion extraction. <i>Journal of Chromatography A</i> , 2010, 1217, 2521-2532.	3.7	241
5	Flavonoids: chemical properties and analytical methodologies of identification and quantitation in foods and plants. <i>Natural Product Research</i> , 2011, 25, 469-495.	1.8	179
6	The protein corona of circulating PEGylated liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 189-196.	2.6	178
7	Interplay of protein corona and immune cells controls blood residency of liposomes. <i>Nature Communications</i> , 2019, 10, 3686.	12.8	160
8	Selective Targeting Capability Acquired with a Protein Corona Adsorbed on the Surface of 1,2-Dioleoyl-3-trimethylammonium Propane/DNA Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 13171-13179.	8.0	150
9	Identification of changes in <i>Triticum durum</i> L. leaf proteome in response to salt stress by two-dimensional electrophoresis and MALDI-TOF mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 381-390.	3.7	148
10	Occurrence and determination of herbicides and their major transformation products in environmental waters. <i>Analytica Chimica Acta</i> , 2002, 462, 187-198.	5.4	134
11	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.	3.9	131
12	Liquid chromatography/tandem mass spectrometric confirmatory method for determining aflatoxin M1 in cow milk. <i>Journal of Chromatography A</i> , 2006, 1101, 69-78.	3.7	130
13	Determination of aflatoxins in olive oil by liquid chromatographyâ€“tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 596, 141-148.	5.4	127
14	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, 1123-1130.	1.5	127
15	The biomolecular corona of nanoparticles in circulating biological media. <i>Nanoscale</i> , 2015, 7, 13958-13966.	5.6	127
16	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.	3.6	125
17	Surface adsorption of protein corona controls the cell internalization mechanism of DC-Cholâ€“DOPE/DNA lipoplexes in serum. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 536-543.	2.6	124
18	Multiclass mycotoxin analysis in food, environmental and biological matrices with chromatography/mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2012, 31, 466-503.	5.4	119

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19	Recent trends in the analysis of bioactive peptides in milk and dairy products. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2677-2685.	3.7	119
20	Occurrence of Organophosphorus Flame Retardant and Plasticizers in Three Volcanic Lakes of Central Italy. <i>Environmental Science & Technology</i> , 2008, 42, 1898-1903.	10.0	116
21	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, 2085-2093.	1.5	112
22	Recent trends and analytical challenges in plant bioactive peptide separation, identification and validation. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3425-3444.	3.7	110
23	Stealth Effect of Biomolecular Corona on Nanoparticle Uptake by Immune Cells. <i>Langmuir</i> , 2015, 31, 10764-10773.	3.5	102
24	Trace analysis of estrogenic chemicals in sewage effluent using liquid chromatography combined with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 401-407.	1.5	101
25	Evolution of the Protein Corona of Lipid Gene Vectors as a Function of Plasma Concentration. <i>Langmuir</i> , 2011, 27, 15048-15053.	3.5	101
26	Simple confirmatory assay for analyzing residues of aminoglycoside antibiotics in bovine milk: hot water extraction followed by liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1067, 93-100.	3.7	100
27	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, 3143-3158.	1.5	97
28	Recent advances and developments in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 186-193.	11.4	97
29	Recent Applications of Magnetic Solid-phase Extraction for Sample Preparation. <i>Chromatographia</i> , 2019, 82, 1251-1274.	1.3	97
30	Rapid-resolution liquid chromatography/mass spectrometry for determination and quantitation of polyphenols in grape berries. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3089-3099.	1.5	90
31	Recent trends in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 53-66.	11.4	90
32	Influence of dynamic flow environment on nanoparticle-protein corona: From protein patterns to uptake in cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 153, 263-271.	5.0	86
33	The liposome-protein corona in mice and humans and its implications for in vivo delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7419-7428.	5.8	85
34	Monitoring Algal Toxins in Lake Water by Liquid Chromatography Tandem Mass Spectrometry. <i>Environmental Science & Technology</i> , 2006, 40, 2917-2923.	10.0	82
35	Determination of aflatoxins in hazelnuts by various sample preparation methods and liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1179, 182-189.	3.7	79
36	Determination of type B trichothecenes and macrocyclic lactone mycotoxins in field contaminated maize. <i>Food Chemistry</i> , 2005, 92, 559-568.	8.2	78

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37	Simple and rapid assay for analyzing residues of carbamate insecticides in bovine milk: hot water extraction followed by liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1054, 351-357.	3.7	77
38	Lipid composition: a key factor for the rational manipulation of the liposome–protein corona by liposome design. <i>RSC Advances</i> , 2015, 5, 5967-5975.	3.6	77
39	Intact protein separation by chromatographic and/or electrophoretic techniques for top-down proteomics. <i>Journal of Chromatography A</i> , 2011, 1218, 8760-8776.	3.7	76
40	Peptidomic strategy for purification and identification of potential ACE-inhibitory and antioxidant peptides in <i>Tetrademus obliquus</i> microalgae. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3573-3586.	3.7	76
41	Surface chemistry and serum type both determine the nanoparticle–protein corona. <i>Journal of Proteomics</i> , 2015, 119, 209-217.	2.4	75
42	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, 5657-5666.	3.7	75
43	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.	3.7	74
44	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.	8.2	69
45	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, 5518-5525.	5.2	68
46	Peptidome characterization and bioactivity analysis of donkey milk. <i>Journal of Proteomics</i> , 2015, 119, 21-29.	2.4	68
47	Disease-specific protein corona sensor arrays may have disease detection capacity. <i>Nanoscale Horizons</i> , 2019, 4, 1063-1076.	8.0	68
48	Do plasma proteins distinguish between liposomes of varying charge density?. <i>Journal of Proteomics</i> , 2012, 75, 1924-1932.	2.4	65
49	A simple and rapid assay based on hot water extraction and liquid chromatography–tandem mass spectrometry for monitoring quinolone residues in bovine milk. <i>Food Chemistry</i> , 2008, 108, 354-360.	8.2	64
50	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, 238-257.	2.4	63
51	Biomarkers in Prostate Cancer Diagnosis: From Current Knowledge to the Role of Metabolomics and Exosomes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4367.	4.1	62
52	NMR-based metabonomic study of transgenic maize. <i>Phytochemistry</i> , 2004, 65, 3187-3198.	2.9	59
53	In vivo protein corona patterns of lipid nanoparticles. <i>RSC Advances</i> , 2017, 7, 1137-1145.	3.6	59
54	Determination of isoflavones and coumestrol in river water and domestic wastewater sewage treatment plants. <i>Analytica Chimica Acta</i> , 2005, 531, 229-237.	5.4	58

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55	Gel-free proteomics reveal potential biomarkers of priming-induced salt tolerance in durum wheat. <i>Journal of Proteomics</i> , 2013, 91, 486-499.	2.4	58
56	Analytical Methods for Characterizing the Nanoparticle-Protein Corona. <i>Chromatographia</i> , 2014, 77, 755-769.	1.3	58
57	A Rapid Confirmatory Method for Analyzing Tetracycline Antibiotics in Bovine, Swine, and Poultry Muscle Tissues: A Matrix Solid-Phase Dispersion with Heated Water as Extractant followed by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1564-1570.	5.2	57
58	Analysis of impurities of cannabidiol from hemp. Isolation, characterization and synthesis of cannabidibutol, the novel cannabidiol butyl analog. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112752.	2.8	57
59	Liquid chromatography/tandem mass spectrometry for the identification and determination of trichothecenes in maize. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1037-1043.	1.5	56
60	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, 6044-6051.	3.7	56
61	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.	3.7	53
62	Simple Assay for Analyzing Five Microcystins and Nodularin in Fish Muscle Tissue: A Hot Water Extraction Followed by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6586-6592.	5.2	52
63	Evaluation of a Method Based on Liquid Chromatography/Electrospray/Mass Spectrometry for Analyzing Carbamate Insecticides in Fruits and Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 1930-1938.	5.2	51
64	A simple and rapid confirmatory assay for analyzing antibiotic residues of the macrolide class and lincomycin in bovine milk and yoghurt: hot water extraction followed by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 237-246.	1.5	51
65	Factors Determining the Superior Performance of Lipid/DNA/Protamine Nanoparticles over Lipoplexes. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4160-4171.	6.4	51
66	Human Biomolecular Corona of Liposomal Doxorubicin: The Overlooked Factor in Anticancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22951-22962.	8.0	51
67	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.	6.2	50
68	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.	3.7	49
69	Labeling and label free shotgun proteomics approaches to characterize muscle tissue from farmed and wild gilthead sea bream (<i>Sparus aurata</i>). <i>Journal of Chromatography A</i> , 2016, 1428, 193-201.	3.7	49
70	Mycotoxins produced by <i>Fusarium</i> genus in maize: determination by screening and confirmatory methods based on liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2007, 105, 700-710.	8.2	48
71	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, 6400-6409.	3.7	48
72	Proteomic study of a tolerant genotype of durum wheat under salt-stress conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1423-1435.	3.7	48

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73	New Magnetic Graphitized Carbon Black TiO ₂ Composite for Phosphopeptide Selective Enrichment in Shotgun Phosphoproteomics. <i>Analytical Chemistry</i> , 2016, 88, 12043-12050.	6.5	48
74	Aflatoxin M1 determination in cheese by liquid chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1135, 135-141.	3.7	47
75	Simple and rapid determination of anatoxin-a in lake water and fish muscle tissue by liquid-chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1122, 180-185.	3.7	46
76	Apoptosis-inducing factor and caspase-dependent apoptotic pathways triggered by different grape seed extracts on human colon cancer cell line Caco-2. <i>British Journal of Nutrition</i> , 2010, 104, 824-832.	2.3	46
77	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, 3554-3571.	3.4	46
78	A new software-assisted analytical workflow based on high-resolution mass spectrometry for the systematic study of phenolic compounds in complex matrices. <i>Talanta</i> , 2020, 209, 120573.	5.5	45
79	Personalized Graphene Oxide-Protein Corona in the Human Plasma of Pancreatic Cancer Patients. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 491.	4.1	45
80	Determination of diphenyl-ether herbicides and metabolites in natural waters using high-performance liquid chromatography with diode array tandem mass spectrometric detection. <i>Analytica Chimica Acta</i> , 2000, 414, 79-94.	5.4	43
81	Development of a multiresidue method for analyzing herbicide and fungicide residues in bovine milk based on solid-phase extraction and liquid chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1102, 1-10.	3.7	42
82	Simple assay for monitoring seven quinolone antibacterials in eggs: Extraction with hot water and liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 794-800.	3.7	42
83	New Ti-IMAC magnetic polymeric nanoparticles for phosphopeptide enrichment from complex real samples. <i>Talanta</i> , 2018, 178, 274-281.	5.5	42
84	Converting the personalized biomolecular corona of graphene oxide nanoflakes into a high-throughput diagnostic test for early cancer detection. <i>Nanoscale</i> , 2019, 11, 15339-15346.	5.6	42
85	Liquid chromatography mass spectrometry tandem for multiresidue determination of selected post-emergence herbicides after soil column extraction. <i>Analytica Chimica Acta</i> , 2000, 415, 41-56.	5.4	41
86	Existence of hybrid structures in cationic liposome/DNA complexes revealed by their interaction with plasma proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 141-146.	5.0	41
87	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.	5.4	41
88	Proteomic characterization of human platelet-derived microparticles. <i>Analytica Chimica Acta</i> , 2013, 776, 57-63.	5.4	41
89	Simultaneous Determination of Imidazolinone Herbicides from Soil and Natural Waters Using Soil Column Extraction and Off-Line Solid-Phase Extraction Followed by Liquid Chromatography with UV Detection or Liquid Chromatography/Electrospray Mass Spectroscopy. <i>Analytical Chemistry</i> , 1998, 70, 121-130.	6.5	40
90	Flavonoid profile in soybeans by high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2177-2187.	1.5	40

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91	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, 845-854.	3.7	40
92	Graphitized Carbon Black Enrichment and UHPLC-MS/MS Allow to Meet the Challenge of Small Chain Peptidomics in Urine. <i>Analytical Chemistry</i> , 2019, 91, 11474-11481.	6.5	40
93	The biomolecular corona of gold nanoparticles in a controlled microfluidic environment. <i>Lab on A Chip</i> , 2019, 19, 2557-2567.	6.0	40
94	Chiral Recognition of O-Phosphoserine by Mass Spectrometry This work was supported by the Ministero della Università e della Ricerca Scientifica e Tecnologica (MURST) and the Consiglio Nazionale delle Ricerche (CNR). The authors express their gratitude to F. Angelelli for technical assistance.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4051.	13.8	39
95	Protein Profile of Mature Soybean Seeds and Prepared Soybean Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9893-9899.	5.2	39
96	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, 2895-2903.	3.7	38
97	Differential analysis of protein corona profile adsorbed onto different nonviral gene delivery systems. <i>Analytical Biochemistry</i> , 2011, 419, 180-189.	2.4	38
98	Phosphopeptide enrichment: Development of magnetic solid phase extraction method based on polydopamine coating and Ti4+-IMAC. <i>Analytica Chimica Acta</i> , 2016, 909, 67-74.	5.4	38
99	Characterization of antioxidant and angiotensin-converting enzyme inhibitory peptides derived from cauliflower by-products by multidimensional liquid chromatography and bioinformatics. <i>Journal of Functional Foods</i> , 2018, 44, 40-47.	3.4	38
100	Determination of type B fumonisin mycotoxins in maize and maize-based products by liquid chromatography/tandem mass spectrometry using a QqQ linear ion trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 275-282.	1.5	37
101	Enantiodiscrimination of chiral \pm -aminophosphonic acids by mass spectrometry. <i>Chirality</i> , 2001, 13, 707-711.	2.6	36
102	Effect of DOPE and cholesterol on the protein adsorption onto lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	36
103	Development of an analytical system for the simultaneous determination of anabolic macrocyclic lactones in aquatic environmental samples. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 304-310.	1.5	35
104	Fluorous Affinity Chromatography for Enrichment and Determination of Perfluoroalkyl Substances. <i>Analytical Chemistry</i> , 2012, 84, 7138-7145.	6.5	35
105	Comprehensive polyphenol profiling of a strawberry extract (<i>Fragaria</i> – <i>ananassa</i>) by ultra-high-performance liquid chromatography coupled with high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2127-2142.	3.7	35
106	LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY APPLIED TO THE ANALYSIS OF NATURAL AND SYNTHETIC STEROIDS IN ENVIRONMENTAL WATERS. <i>Analytical Letters</i> , 2001, 34, 913-926.	1.8	34
107	Development and validation of a rapid assay based on liquid chromatography–tandem mass spectrometry for determining macrolide antibiotic residues in eggs. <i>Journal of Chromatography A</i> , 2009, 1216, 6810-6815.	3.7	33
108	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.	3.7	33

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109	Chromatographic column evaluation for the untargeted profiling of glucosinolates in cauliflower by means of ultra-high performance liquid chromatography coupled to high resolution mass spectrometry. <i>Talanta</i> , 2018, 179, 792-802.	5.5	33
110	Identification of bioactive short peptides in cow milk by high-performance liquid chromatography on C18 and porous graphitic carbon coupled to high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3395-3404.	3.7	33
111	General and selective isolation procedure for high-performance liquid chromatographic determination of anabolic steroids in tissues. <i>Journal of Chromatography A</i> , 1991, 588, 89-98.	3.7	32
112	Determination of aryloxyphenoxypropionic acid herbicides in water using different solid-phase extraction procedures and liquid chromatography–diode array detection. <i>Journal of Chromatography A</i> , 1998, 796, 309-318.	3.7	32
113	Food analyses: a new calorimetric method for ascorbic acid (vitamin C) determination. <i>Talanta</i> , 2002, 58, 961-967.	5.5	32
114	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, 4011-4020.	3.7	32
115	Identification of three novel angiotensin-converting enzyme inhibitory peptides derived from cauliflower by-products by multidimensional liquid chromatography and bioinformatics. <i>Journal of Functional Foods</i> , 2016, 27, 262-273.	3.4	32
116	Heterosis profile of sunflower leaves: A label free proteomics approach. <i>Journal of Proteomics</i> , 2014, 99, 101-110.	2.4	31
117	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, 8940-8946.	5.2	31
118	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, 133-142.	3.7	31
119	Sensitive untargeted identification of short hydrophilic peptides by high performance liquid chromatography on porous graphitic carbon coupled to high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1590, 73-79.	3.7	31
120	DNA affects the composition of lipoplex protein corona: A proteomics approach. <i>Proteomics</i> , 2011, 11, 3349-3358.	2.2	30
121	A Rapid Magnetic Solid Phase Extraction Method Followed by Liquid Chromatography-Tandem Mass Spectrometry Analysis for the Determination of Mycotoxins in Cereals. <i>Toxins</i> , 2017, 9, 147.	3.4	30
122	Liposome protein corona characterization as a new approach in nanomedicine. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4313-4326.	3.7	30
123	Uniformly sized molecularly imprinted polymers (MIPs) for 17 β -estradiol. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 1532-1538.	2.2	29
124	Shotgun proteomic analytical approach for studying proteins adsorbed onto liposome surface. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1195-1202.	3.7	29
125	A new opening for the tricky untargeted investigation of natural and modified short peptides. <i>Talanta</i> , 2020, 219, 121262.	5.5	29
126	Determination of multi-class emerging contaminants in sludge and recovery materials from waste water treatment plants: Development of a modified QuEChERS method coupled to LC–MS/MS. <i>Microchemical Journal</i> , 2020, 155, 104732.	4.5	29

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127	Phytocannabinomics: Untargeted metabolomics as a tool for cannabis chemovar differentiation. <i>Talanta</i> , 2021, 230, 122313.	5.5	29
128	Recent applications of mass spectrometry for the characterization of cannabis and hemp phytocannabinoids: From targeted to untargeted analysis. <i>Journal of Chromatography A</i> , 2021, 1655, 462492.	3.7	29
129	Determination of organophosphorus pesticides and metabolites in crops by solid-phase extraction followed by liquid chromatography/Diode array detection. <i>Chromatographia</i> , 1997, 46, 256-264.	1.3	28
130	Opsonin-Deficient Nucleoproteic Corona Endows UnPEGylated Liposomes with Stealth Properties <i>in Vivo</i> . <i>ACS Nano</i> , 2022, 16, 2088-2100.	14.6	28
131	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, 550-556.	1.5	27
132	Evaluation of a Method for Assaying Sulfonamide Antimicrobial Residues in Cheese: A Hot-Water Extraction and Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4537-4543.	5.2	26
133	Label-free quantitative analysis for studying the interactions between nanoparticles and plasma proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 635-645.	3.7	26
134	High performance liquid chromatography tandem mass spectrometry determination of perfluorinated acids in cow milk. <i>Journal of Chromatography A</i> , 2013, 1319, 72-79.	3.7	26
135	Understanding Mixed-Mode Retention Mechanisms in Liquid Chromatography with Hydrophobic Stationary Phases. <i>Analytical Chemistry</i> , 2014, 86, 4919-4926.	6.5	26
136	Characterization of quinoa seed proteome combining different protein precipitation techniques: Improvement of knowledge of nonmodel plant proteomics. <i>Journal of Separation Science</i> , 2015, 38, 1017-1025.	2.5	26
137	Preliminary isolation of urinary placental estriol before gas or liquid chromatography.. <i>Clinical Chemistry</i> , 1983, 29, 2076-2078.	3.2	25
138	Stilbene production in cell cultures of <i>Vitis vinifera</i> L. cvs Red Globe and Michele Palieri elicited by methyl jasmonate. <i>Natural Product Research</i> , 2010, 24, 1488-1498.	1.8	25
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