

# Aldo Lagan

## List of Publications by Citations

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279  
papers

9,065  
citations

51  
h-index

79  
g-index

291  
ext. papers

10,165  
ext. citations

5  
avg, IF

6.06  
L-index

#	Paper	IF	Citations
279	Effect of polyethyleneglycol (PEG) chain length on the bio-nano-interactions between PEGylated lipid nanoparticles and biological fluids: from nanostructure to uptake in cancer cells. <i>Nanoscale</i> , <b>2014</b> , 6, 2782-92	7.7	353
278	Analytical methodologies for determining the occurrence of endocrine disrupting chemicals in sewage treatment plants and natural waters. <i>Analytica Chimica Acta</i> , <b>2004</b> , 501, 79-88	6.6	281
277	Recent developments in matrix solid-phase dispersion extraction. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2521-32	4.5	228
276	Time evolution of nanoparticle-protein corona in human plasma: relevance for targeted drug delivery. <i>Langmuir</i> , <b>2013</b> , 29, 6485-94	4	215
275	The protein corona of circulating PEGylated liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2016</b> , 1858, 189-96	3.8	136
274	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> , <b>2008</b> , 391, 381-90	4.4	126
273	Flavonoids: chemical properties and analytical methodologies of identification and quantitation in foods and plants. <i>Natural Product Research</i> , <b>2011</b> , 25, 469-95	2.3	122
272	Occurrence and determination of herbicides and their major transformation products in environmental waters. <i>Analytica Chimica Acta</i> , <b>2002</b> , 462, 187-198	6.6	120
271	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 &amp; Interfaces</i> , <b>2013</b> , 5, 13171-9	9.5	119
270	Determination of aflatoxins in olive oil by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2007</b> , 596, 141-8	6.6	116
269	Surface adsorption of protein corona controls the cell internalization mechanism of DC-Chol-DOPE/DNA lipoplexes in serum. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2010</b> , 1798, 536-43	3.8	115
268	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> , <b>2006</b> , 1101, 69-78	4.5	112
267	Analysis of drought responsive proteins in wheat ( <i>Triticum durum</i> ) by 2D-PAGE and MALDI-TOF mass spectrometry. <i>Plant Science</i> , <b>2009</b> , 177, 570-576	5.3	108
266	Multiclass mycotoxin analysis in food, environmental and biological matrices with chromatography/mass spectrometry. <i>Mass Spectrometry Reviews</i> , <b>2012</b> , 31, 466-503	11	105
265	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> , <b>2005</b> , 19, 2085-93	2.2	104
264	Liquid chromatography/tandem mass spectrometry determination of organophosphorus flame retardants and plasticizers in drinking and surface waters. <i>Rapid Communications in Mass Spectrometry</i> , <b>2007</b> , 21, 1123-30	2.2	103
263	The biomolecular corona of nanoparticles in circulating biological media. <i>Nanoscale</i> , <b>2015</b> , 7, 13958-66	7.7	100

262	Recent trends in the analysis of bioactive peptides in milk and dairy products. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 2677-85	4.4	100
261	Interplay of protein corona and immune cells controls blood residency of liposomes. <i>Nature Communications</i> , <b>2019</b> , 10, 3686	17.4	97
260	Occurrence of organophosphorus flame retardant and plasticizers in three volcanic lakes of central Italy. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 1898-903	10.3	97
259	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> , <b>2015</b> , 44, 205-213	4.1	96
258	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> , <b>2005</b> , 1067, 93-100	4.5	92
257	Trace analysis of estrogenic chemicals in sewage effluent using liquid chromatography combined with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 401-7	2.2	90
256	Stealth effect of biomolecular corona on nanoparticle uptake by immune cells. <i>Langmuir</i> , <b>2015</b> , 31, 10764-73	4	87
255	Evolution of the protein corona of lipid gene vectors as a function of plasma concentration. <i>Langmuir</i> , <b>2011</b> , 27, 15048-53	4	86
254	Rapid-resolution liquid chromatography/mass spectrometry for determination and quantitation of polyphenols in grape berries. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 3089-99	2.2	85
253	Recent trends in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2013</b> , 43, 53-66	14.6	80
252	Recent advances and developments in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 71, 186-193	14.6	80
251	Monitoring algal toxins in lake water by liquid chromatography tandem mass spectrometry. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 2917-23	10.3	75
250	Identification and mass spectrometric characterization of glycosylated flavonoids in Triticum durum plants by high-performance liquid chromatography with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 3143-58	2.2	75
249	Determination of type B trichothecenes and macrocyclic lactone mycotoxins in field contaminated maize. <i>Food Chemistry</i> , <b>2005</b> , 92, 559-568	8.5	72
248	The liposome-protein corona in mice and humans and its implications for in vivo delivery. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 7419-7428	7.3	70
247	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> , <b>2004</b> , 1054, 351-7	4.5	69
246	Influence of dynamic flow environment on nanoparticle-protein corona: From protein patterns to uptake in cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 153, 263-271	6	68
245	Intact protein separation by chromatographic and/or electrophoretic techniques for top-down proteomics. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 8760-76	4.5	67

244	Recent trends and analytical challenges in plant bioactive peptide separation, identification and validation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 3425-3444	4.4	66
243	Surface chemistry and serum type both determine the nanoparticle-protein corona. <i>Journal of Proteomics</i> , <b>2015</b> , 119, 209-17	3.9	65
242	Lipid composition: a key factor for the rational manipulation of the liposome-protein corona by liposome design. <i>RSC Advances</i> , <b>2015</b> , 5, 5967-5975	3.7	64
241	Determination of aflatoxins in hazelnuts by various sample preparation methods and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2008</b> , 1179, 182-9	4.5	64
240	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> , <b>2014</b> , 158, 392-400	8.5	62
239	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> , <b>2005</b> , 53, 5518-25	5.7	62
238	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> , <b>2012</b> , 1268, 84-90	4.5	61
237	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> , <b>2008</b> , 108, 354-360	8.5	59
236	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> , <b>2018</b> , 410, 3573-3586	4.4	58
235	Do plasma proteins distinguish between liposomes of varying charge density?. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 1924-32	3.9	57
234	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> , <b>2016</b> , 408, 5657-66	4.4	55
233	NMR-based metabolomic study of transgenic maize. <i>Phytochemistry</i> , <b>2004</b> , 65, 3187-98	4	55
232	Determination of isoflavones and coumestrol in river water and domestic wastewater sewage treatment plants. <i>Analytica Chimica Acta</i> , <b>2005</b> , 531, 229-237	6.6	54
231	Peptidome characterization and bioactivity analysis of donkey milk. <i>Journal of Proteomics</i> , <b>2015</b> , 119, 21-9	3.9	53
230	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> , <b>2010</b> , 1217, 6044-51	4.5	53
229	Recent Applications of Magnetic Solid-phase Extraction for Sample Preparation. <i>Chromatographia</i> , <b>2019</b> , 82, 1251-1274	2.1	52
228	Gel-free proteomics reveal potential biomarkers of priming-induced salt tolerance in durum wheat. <i>Journal of Proteomics</i> , <b>2013</b> , 91, 486-99	3.9	51
227	Comparative analysis of metabolic proteome variation in ascorbate-primed and unprimed wheat seeds during germination under salt stress. <i>Journal of Proteomics</i> , <b>2014</b> , 108, 238-57	3.9	50

226	Analytical Methods for Characterizing the Nanoparticle-Protein Corona. <i>Chromatographia</i> , <b>2014</b> , 77, 755-769	2.1	50
225	A rapid confirmatory method for analyzing tetracycline antibiotics in bovine, swine, and poultry muscle tissues: matrix solid-phase dispersion with heated water as extractant followed by liquid chromatography-tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 1564-70	5.7	50
224	Liquid chromatography/tandem mass spectrometry for the identification and determination of trichothecenes in maize. <i>Rapid Communications in Mass Spectrometry</i> , <b>2003</b> , 17, 1037-43	2.2	49
223	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> , <b>2014</b> , 1343, 69-78	4.5	47
222	Simple assay for analyzing five microcystins and nodularin in fish muscle tissue: hot water extraction followed by liquid chromatography-tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 6586-92	5.7	47
221	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> , <b>1996</b> , 44, 1930-1938	5.7	47
220	In vivo protein corona patterns of lipid nanoparticles. <i>RSC Advances</i> , <b>2017</b> , 7, 1137-1145	3.7	46
219	Factors determining the superior performance of lipid/DNA/protamine nanoparticles over lipoplexes. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 4160-71	8.3	46
218	Analytical strategies based on chromatography-mass spectrometry for the determination of estrogen-mimicking compounds in food. <i>Journal of Chromatography A</i> , <b>2013</b> , 1313, 62-77	4.5	45
217	New Magnetic Graphitized Carbon Black TiO Composite for Phosphopeptide Selective Enrichment in Shotgun Phosphoproteomics. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 12043-12050	7.8	44
216	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> , <b>2007</b> , 21, 237-46	2.2	44
215	Liquid chromatography-high resolution mass spectrometry for the analysis of phytochemicals in vegetal-derived food and beverages. <i>Food Research International</i> , <b>2017</b> , 100, 28-52	7	43
214	Mycotoxins produced by Fusarium genus in maize: determination by screening and confirmatory methods based on liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , <b>2007</b> , 105, 700-710	8.5	43
213	Proteomic study of a tolerant genotype of durum wheat under salt-stress conditions. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 1423-35	4.4	42
212	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> , <b>2016</b> , 1428, 193-201	4.5	41
211	Disease-specific protein corona sensor arrays may have disease detection capacity. <i>Nanoscale Horizons</i> , <b>2019</b> , 4, 1063-1076	10.8	41
210	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> , <b>2009</b> , 1216, 6400-9	4.5	41
209	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> , <b>2010</b> , 104, 824-32	3.6	41

208	Aflatoxin M1 determination in cheese by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2006</b> , 1135, 135-41	4.5	41
207	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> , <b>2006</b> , 1122, 180-5	4.5	41
206	Existence of hybrid structures in cationic liposome/DNA complexes revealed by their interaction with plasma proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2011</b> , 82, 141-6	6	40
205	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> , <b>2000</b> , 414, 79-94	6.6	39
204	Comparison of three different enrichment strategies for serum low molecular weight protein identification using shotgun proteomics approach. <i>Analytica Chimica Acta</i> , <b>2012</b> , 740, 58-65	6.6	38
203	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> , <b>2019</b> , 175, 112752	3.5	37
202	Proteomic characterization of human platelet-derived microparticles. <i>Analytica Chimica Acta</i> , <b>2013</b> , 776, 57-63	6.6	37
201	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> , <b>2010</b> , 398, 2895-903	4.4	36
200	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> , <b>2006</b> , 1102, 1-10	4.5	36
199	Liquid chromatography mass spectrometry tandem for multiresidue determination of selected post-emergence herbicides after soil column extraction. <i>Analytica Chimica Acta</i> , <b>2000</b> , 415, 41-56	6.6	36
198	Differential analysis of "protein corona" profile adsorbed onto different nonviral gene delivery systems. <i>Analytical Biochemistry</i> , <b>2011</b> , 419, 180-9	3.1	35
197	Simple assay for monitoring seven quinolone antibacterials in eggs: extraction with hot water and liquid chromatography coupled to tandem mass spectrometry. Laboratory validation in line with the European Union Commission Decision 657/2002/EC. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 794-800	4.5	35
196	Chiral Recognition of O-Phosphoserine by Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 4051-4054	16.4	35
195	Flavonoid profile in soybeans by high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2007</b> , 21, 2177-87	2.2	34
194	New Ti-IMAC magnetic polymeric nanoparticles for phosphopeptide enrichment from complex real samples. <i>Talanta</i> , <b>2018</b> , 178, 274-281	6.2	33
193	Human Biomolecular Corona of Liposomal Doxorubicin: The Overlooked Factor in Anticancer Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 22951-22962	9.5	33
192	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> , <b>2005</b> , 19, 275-82	2.2	33
191	Enantiodiscrimination of chiral alpha-aminophosphonic acids by mass spectrometry. <i>Chirality</i> , <b>2001</b> , 13, 707-11	2.1	33

190	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> , <b>1998</b> , 70, 121-30	7.8	33
189	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> , <b>2015</b> , 407, 845-54	4.4	32
188	Phosphopeptide enrichment: Development of magnetic solid phase extraction method based on polydopamine coating and Ti(4+)-IMAC. <i>Analytica Chimica Acta</i> , <b>2016</b> , 909, 67-74	6.6	32
187	Protein profile of mature soybean seeds and prepared soybean milk. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 9893-9	5.7	32
186	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> , <b>2015</b> , 7, 3554-71	4.9	32
185	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> , <b>2017</b> , 409, 2127-2142	4.4	31
184	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> , <b>2009</b> , 1216, 6810-5	4.5	31
183	Fluorous affinity chromatography for enrichment and determination of perfluoroalkyl substances. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 7138-45	7.8	30
182	Development of an analytical system for the simultaneous determination of anabolic macrocyclic lactones in aquatic environmental samples. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 304-10 <sup>2</sup>	2.2	30
181	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> , <b>2018</b> , 44, 40-47	5.1	29
180	Converting the personalized biomolecular corona of graphene oxide nanoflakes into a high-throughput diagnostic test for early cancer detection. <i>Nanoscale</i> , <b>2019</b> , 11, 15339-15346	7.7	29
179	Heterosis profile of sunflower leaves: a label free proteomics approach. <i>Journal of Proteomics</i> , <b>2014</b> , 99, 101-10	3.9	29
178	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> , <b>1998</b> , 796, 309-18	4.5	29
177	General and selective isolation procedure for high-performance liquid chromatographic determination of anabolic steroids in tissues. <i>Journal of Chromatography A</i> , <b>1991</b> , 588, 89-98	4.5	29
176	Uniformly sized molecularly imprinted polymers (MIPs) for 17 $\beta$ -estradiol. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 1532-1538	2.6	28
175	Food analyses: a new calorimetric method for ascorbic acid (vitamin C) determination. <i>Talanta</i> , <b>2002</b> , 58, 961-7	6.2	28
174	LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY APPLIED TO THE ANALYSIS OF NATURAL AND SYNTHETIC STEROIDS IN ENVIRONMENTAL WATERS. <i>Analytical Letters</i> , <b>2001</b> , 34, 913-926 <sup>2</sup>	2.2	28
173	Effect of DOPE and cholesterol on the protein adsorption onto lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	27

172	Shotgun proteomic analytical approach for studying proteins adsorbed onto liposome surface. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 1195-202	4.4	27
171	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> , <b>2020</b> , 209, 120573	6.2	27
170	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> , <b>2016</b> , 408, 4011-20	4.4	27
169	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> , <b>2016</b> , 27, 262-273	5.1	27
168	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> , <b>2018</b> , 179, 792-802	6.2	26
167	DNA affects the composition of lipoplex protein corona: a proteomics approach. <i>Proteomics</i> , <b>2011</b> , 11, 3349-58	4.8	26
166	Label-free quantitative analysis for studying the interactions between nanoparticles and plasma proteins. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 635-45	4.4	25
165	The biomolecular corona of gold nanoparticles in a controlled microfluidic environment. <i>Lab on A Chip</i> , <b>2019</b> , 19, 2557-2567	7.2	24
164	Personalized Graphene Oxide-Protein Corona in the Human Plasma of Pancreatic Cancer Patients. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 491	5.8	24
163	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> , <b>2016</b> , 1438, 133-42	4.5	24
162	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> , <b>2017</b> , 9,	4.9	23
161	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> , <b>2010</b> , 24, 1488-98	2.3	23
160	A sensitive confirmatory method for aflatoxins in maize based on liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2007</b> , 21, 550-6	2.2	23
159	Evaluation of a method for assaying sulfonamide antimicrobial residues in cheese: hot-water extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 4537-43	5.7	23
158	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> , <b>2017</b> , 409, 4181-4194	4.4	22
157	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> , <b>2015</b> , 63, 8940-6	5.7	22
156	Chromatographic Methods Coupled to Mass Spectrometry Detection for the Determination of Phenolic Acids in Plants and Fruits. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2015</b> , 38, 353-370	1.3	22
155	Peroxiredoxin 2 nuclear levels are regulated by circadian clock synchronization in human keratinocytes. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 53, 24-34	5.6	22



154	Determination of organophosphorus pesticides and metabolites in crops by solid-phase extraction followed by liquid chromatography/Diode array detection. <i>Chromatographia</i> , <b>1997</b> , 46, 256-264	2.1	22
153	Understanding mixed-mode retention mechanisms in liquid chromatography with hydrophobic stationary phases. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 4919-26	7.8	21
152	Determination of enantioselectivity and enantiomeric excess by mass spectrometry in the absence of chiral chromatographic separation: an overview. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11478-94	4.8	21
151	High performance liquid chromatography tandem mass spectrometry determination of perfluorinated acids in cow milk. <i>Journal of Chromatography A</i> , <b>2013</b> , 1319, 72-9	4.5	21
150	Characterization of quinoa seed proteome combining different protein precipitation techniques: Improvement of knowledge of nonmodel plant proteomics. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1017-25	7.4	21
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15	Head-space chromatography in determination of enzymatic activity: microdetermination of the urinary kallikrein as arginine esterases. <i>Talanta</i> , <b>1989</b> , 36, 1087-90	6.2	1
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13	Differential scanning calorimetry as an analytical tool in the study of the dupuytren disease. <i>Thermochimica Acta</i> , <b>1985</b> , 86, 133-140	2.9	1
12	Sample-pretreatment procedure for routine liquid chromatographic assay of serum cortisol. <i>Talanta</i> , <b>1986</b> , 33, 325-8	6.2	1
11	Kynurenine and kynurenic acid: Two human neuromodulators found in <i>Cannabis sativa</i> L.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2022</b> , 211, 114636	3.5	1



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9	High-Resolution Mass Spectrometry and Chemometrics for the Detailed Characterization of Short Endogenous Peptides in Milk By-Products. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
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7	Targeted and untargeted characterization of underivatized policosanols in hemp inflorescence by liquid chromatography-high resolution mass spectrometry. <i>Talanta</i> , <b>2021</b> , 235, 122778	6.2	1
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