

# Anna Laura Capriotti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7668619/publications.pdf>

Version: 2024-02-01

170  
papers

6,886  
citations

53660

45  
h-index

79541

73  
g-index

174  
all docs

174  
docs citations

174  
times ranked

8485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Untargeted analysis of contaminants in river water samples: Comparison between two different sorbents for solid-phase extraction followed by liquid chromatography-high-resolution mass spectrometry determination. <i>Microchemical Journal</i> , 2022, 172, 106979.	2.3	6
2	Oposonin-Deficient Nucleoproteic Corona Endows UnPEGylated Liposomes with Stealth Properties <i>&lt;i&gt;In Vivo&lt;/i&gt;</i> . <i>ACS Nano</i> , 2022, 16, 2088-2100.	7.3	28
3	Detailed investigation of the composition and transformations of phenolic compounds in fresh and fermented <i>Vaccinium floribundum</i> berry extracts by high-resolution mass spectrometry and bioinformatics. <i>Phytochemical Analysis</i> , 2022, , .	1.2	6
4	Kynurenine and kynurenic acid: Two human neuromodulators found in <i>Cannabis sativa</i> L.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114636.	1.4	5
5	A <i>Lupinus angustifolius</i> protein hydrolysate exerts hypocholesterolemic effects in Western diet-fed ApoE <sup>−/−</sup> mice through the modulation of LDLR and PCSK9 pathways. <i>Food and Function</i> , 2022, 13, 4158-4170.	2.1	15
6	Investigating the Short Peptidome Profile of Italian Dry-Cured Ham at Different Processing Times by High-Resolution Mass Spectrometry and Chemometrics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3193.	1.8	8
7	Comprehensive biomarker profiles and chemometric filtering of urinary metabolomics for effective discrimination of prostate carcinoma from benign hyperplasia. <i>Scientific Reports</i> , 2022, 12, 4361.	1.6	1
8	The Key Role of Metal Adducts in the Differentiation of Phosphopeptide from Sulfopeptide Sequences by High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 9234-9241.	3.2	3
9	Magnetic Levitation Patterns of Microfluidic-Generated Nanoparticle-Protein Complexes. <i>Nanomaterials</i> , 2022, 12, 2376.	1.9	7
10	A rapid and innovative extraction and enrichment method for the metaproteomic characterization of dissolved organic matter in groundwater samples. <i>Journal of Separation Science</i> , 2021, 44, 1612-1620.	1.3	0
11	Comprehensive identification of native medium-sized and short bioactive peptides in sea bass muscle. <i>Food Chemistry</i> , 2021, 343, 128443.	4.2	23
12	Analytical Methodologies for Lipidomics in Hemp Plant. <i>Methods in Molecular Biology</i> , 2021, 2306, 257-273.	0.4	2
13	Optimal centrifugal isolating of liposome-protein complexes from human plasma. <i>Nanoscale Advances</i> , 2021, 3, 3824-3834.	2.2	12
14	Degradation of the polar lipid and fatty acid molecular species in extra virgin olive oil during storage based on shotgun lipidomics. <i>Journal of Chromatography A</i> , 2021, 1639, 461881.	1.8	10
15	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.	1.8	62
16	Andean Blueberry of the Genus <i>Disterigma</i> : A High-Resolution Mass Spectrometric Approach for the Comprehensive Characterization of Phenolic Compounds. <i>Separations</i> , 2021, 8, 58.	1.1	19
17	Untargeted metabolomics of prostate cancer zwitterionic and positively charged compounds in urine. <i>Analytica Chimica Acta</i> , 2021, 1158, 338381.	2.6	24
18	Production and Characterization of Medium-Sized and Short Antioxidant Peptides from Soy Flour-Simulated Gastrointestinal Hydrolysate. <i>Antioxidants</i> , 2021, 10, 734.	2.2	16

#	ARTICLE	IF	CITATIONS
19	In-depth cannabis fatty acid profiling by ultra-high performance liquid chromatography coupled to high resolution mass spectrometry. <i>Talanta</i> , 2021, 228, 122249.	2.9	7
20	Profiling and quantitative analysis of underivatized fatty acids in <i>Chlorella vulgaris</i> microalgae by liquid chromatography-high resolution mass spectrometry. <i>Journal of Separation Science</i> , 2021, 44, 3041-3051.	1.8	6
21	Phytocannabinomics: Untargeted metabolomics as a tool for cannabis chemovar differentiation. <i>Talanta</i> , 2021, 230, 122313.	2.9	29
22	Potency testing of cannabinoids by liquid and supercritical fluid chromatography: Where we are, what we need. <i>Journal of Chromatography A</i> , 2021, 1651, 462304.	1.8	17
23	HPLC-UV-HRMS analysis of cannabigerovarin and cannabigerobutol, the two impurities of cannabigerol extracted from hemp. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114215.	1.4	7
24	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.	1.8	29
25	Targeted and untargeted characterization of underivatized policosanols in hemp inflorescence by liquid chromatography-high resolution mass spectrometry. <i>Talanta</i> , 2021, 235, 122778.	2.9	2
26	The novel heptyl phorolic acid cannabinoids content in different <i>Cannabis sativa</i> L. accessions. <i>Talanta</i> , 2021, 235, 122704.	2.9	7
27	Methodologies for extraction and separation of short-chain bioactive peptides. , 2021, , 75-86.		0
28	Identification and Quantification of Polycyclic Aromatic Hydrocarbons in Polyhydroxyalkanoates Produced from Mixed Microbial Cultures and Municipal Organic Wastes at Pilot Scale. <i>Molecules</i> , 2021, 26, 539.	1.7	5
29	High-Resolution Mass Spectrometry and Chemometrics for the Detailed Characterization of Short Endogenous Peptides in Milk By-Products. <i>Molecules</i> , 2021, 26, 6472.	1.7	5
30	Fully Automated Detection of Phosphocholine-Containing Lipids through an Isotopically Labeled Buffer Modification Workflow. <i>Analytical Chemistry</i> , 2021, 93, 15042-15048.	3.2	4
31	Characterization of the Trans-Epithelial Transport of Green Tea ( <i>C. sinensis</i> ) Catechin Extracts with In Vitro Inhibitory Effect against the SARS-CoV-2 Papain-like Protease Activity. <i>Molecules</i> , 2021, 26, 6744.	1.7	8
32	Multielement Characterization and Antioxidant Activity of Italian Extra-Virgin Olive Oils. <i>Frontiers in Chemistry</i> , 2021, 9, 769620.	1.8	6
33	A comprehensive analysis of liposomal biomolecular corona upon human plasma incubation: The evolution towards the lipid corona. <i>Talanta</i> , 2020, 209, 120487.	2.9	20
34	Phospholipidome of extra virgin olive oil: Development of a solid phase extraction protocol followed by liquid chromatography-high resolution mass spectrometry for its software-assisted identification. <i>Food Chemistry</i> , 2020, 310, 125860.	4.2	18
35	Magnetic molecularly imprinted multishell particles for zearalenone recognition. <i>Polymer</i> , 2020, 188, 122102.	1.8	7
36	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.	2.9	45

#	ARTICLE	IF	CITATIONS
37	A clean-up strategy for identification of circulating endogenous short peptides in human plasma by zwitterionic hydrophilic liquid chromatography and untargeted peptidomics identification. <i>Journal of Chromatography A</i> , 2020, 1613, 460699.	1.8	13
38	Carbon nanostructure morphology templates nanocomposites for phosphoproteomics. <i>Nano Research</i> , 2020, 13, 380-388.	5.8	15
39	A protein corona sensor array detects breast and prostate cancers. <i>Nanoscale</i> , 2020, 12, 16697-16704.	2.8	17
40	Developments and pitfalls in the characterization of phenolic compounds in food: From targeted analysis to metabolomics-based approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116083.	5.8	17
41	Identification and Antimicrobial Activity of Medium-Sized and Short Peptides from Yellowfin Tuna ( <i>Thunnus albacares</i> ) Simulated Gastrointestinal Digestion. <i>Foods</i> , 2020, 9, 1185.	1.9	22
42	Identification of a new cannabidiol n-hexyl homolog in a medicinal cannabis variety with an antinociceptive activity in mice: cannabidihexol. <i>Scientific Reports</i> , 2020, 10, 22019.	1.6	38
43	Development of a Sample-Preparation Workflow for Sulfopeptide Enrichment: From Target Analysis to Challenges in Shotgun Sulfopeptidomics. <i>Analytical Chemistry</i> , 2020, 92, 7964-7971.	3.2	12
44	Personalized Graphene Oxide-Protein Corona in the Human Plasma of Pancreatic Cancer Patients. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 491.	2.0	45
45	Untargeted Characterization of Chestnut ( <i>Castanea sativa</i> Mill.) Shell Polyphenol Extract: A Valued Bioresource for Prostate Cancer Cell Growth Inhibition. <i>Molecules</i> , 2020, 25, 2730.	1.7	18
46	A new opening for the tricky untargeted investigation of natural and modified short peptides. <i>Talanta</i> , 2020, 219, 121262.	2.9	29
47	Improved identification of phytocannabinoids using a dedicated structure-based workflow. <i>Talanta</i> , 2020, 219, 121310.	2.9	24
48	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.	2.3	29
49	Does the protein corona take over the selectivity of molecularly imprinted nanoparticles? The biological challenges to recognition. <i>Journal of Proteomics</i> , 2020, 219, 103736.	1.2	12
50	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.	3.2	40
51	Interplay of protein corona and immune cells controls blood residency of liposomes. <i>Nature Communications</i> , 2019, 10, 3686.	5.8	160
52	Development of an Analytical Method for the Metaproteomic Investigation of Bioaerosol from Work Environments. <i>Proteomics</i> , 2019, 19, e1900152.	1.3	6
53	Recent Trends in Solid-Phase Extraction for Environmental, Food and Biological Sample Preparation. <i>Chromatographia</i> , 2019, 82, 1119-1120.	0.7	5
54	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.	2.8	42

#	ARTICLE	IF	CITATIONS
55	Peptidomic Approach for the Identification of Peptides with Potential Antioxidant and Anti-Hypertensive Effects Derived From Asparagus By-Products. <i>Molecules</i> , 2019, 24, 3627.	1.7	22
56	Effect of shell structure of Ti-immobilized metal ion affinity chromatography core-shell magnetic particles for phosphopeptide enrichment. <i>Scientific Reports</i> , 2019, 9, 15782.	1.6	7
57	A Novel Magnetic Molecular Imprinted Polymer for Selective Extraction of Zearalenone from Cereal Flours before Liquid Chromatography-Tandem Mass Spectrometry Determination. <i>Toxins</i> , 2019, 11, 493.	1.5	14
58	Protein Corona Fingerprints of Liposomes: New Opportunities for Targeted Drug Delivery and Early Detection in Pancreatic Cancer. <i>Pharmaceutics</i> , 2019, 11, 31.	2.0	39
59	Disease-specific protein corona sensor arrays may have disease detection capacity. <i>Nanoscale Horizons</i> , 2019, 4, 1063-1076.	4.1	68
60	The biomolecular corona of gold nanoparticles in a controlled microfluidic environment. <i>Lab on A Chip</i> , 2019, 19, 2557-2567.	3.1	40
61	Microfluidic-generated lipid-graphene oxide nanoparticles for gene delivery. <i>Applied Physics Letters</i> , 2019, 114, 233701.	1.5	21
62	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.	1.9	33
63	Recent Applications of Magnetic Solid-phase Extraction for Sample Preparation. <i>Chromatographia</i> , 2019, 82, 1251-1274.	0.7	97
64	Peptides from Cauliflower By-Products, Obtained by an Efficient, Ecosustainable, and Semi-Industrial Method, Exert Protective Effects on Endothelial Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	17
65	A Triple Quadrupole and a Hybrid Quadrupole Orbitrap Mass Spectrometer in Comparison for Polyphenol Quantitation. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4885-4896.	2.4	21
66	Investigation of free and conjugated seleno- $\alpha$ -amino acids in wheat bran by hydrophilic interaction liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 1938-1947.	1.3	3
67	Liposome protein corona characterization as a new approach in nanomedicine. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4313-4326.	1.9	30
68	A novel phytocannabinoid isolated from <i>Cannabis sativa</i> L. with an in vivo cannabimimetic activity higher than $\Delta^9$ -tetrahydrocannabinol: $\Delta^9$ -Tetrahydrocannabiphorol. <i>Scientific Reports</i> , 2019, 9, 20335.	1.6	137
69	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.	1.8	31
70	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.	4.2	6
71	Effect of Glucose on Liposome-Plasma Protein Interactions: Relevance for the Physiological Response of Clinically Approved Liposomal Formulations. <i>Advanced Biology</i> , 2019, 3, e1800221.	3.0	11
72	Saliva as a source of new phosphopeptide biomarkers: Development of a comprehensive analytical method based on shotgun peptidomics. <i>Talanta</i> , 2018, 183, 245-249.	2.9	20

#	ARTICLE	IF	CITATIONS
73	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.	1.9	76
74	Recent trends and analytical challenges in plant bioactive peptide separation, identification and validation. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3425-3444.	1.9	110
75	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.	2.9	33
76	Development of an enrichment method for endogenous phosphopeptide characterization in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1177-1185.	1.9	22
77	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.	1.6	38
78	Discovery of bioactive compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3405-3406.	1.9	2
79	Label-Free Shotgun Proteomics Approach to Characterize Muscle Tissue from Farmed and Wild European Sea Bass ( <i>Dicentrarchus labrax</i> ). <i>Food Analytical Methods</i> , 2018, 11, 292-301.	1.3	15
80	New Ti-IMAC magnetic polymeric nanoparticles for phosphopeptide enrichment from complex real samples. <i>Talanta</i> , 2018, 178, 274-281.	2.9	42
81	Liquid Chromatographic Strategies for Separation of Bioactive Compounds in Food Matrices. <i>Molecules</i> , 2018, 23, 3091.	1.7	18
82	Delving into the Polar Lipidome by Optimized Chromatographic Separation, High-Resolution Mass Spectrometry, and Comprehensive Identification with Lipostar: Microalgae as Case Study. <i>Analytical Chemistry</i> , 2018, 90, 12230-12238.	3.2	17
83	Brain Targeting by Liposome—Biomolecular Corona Boosts Anticancer Efficacy of Temozolomide in Glioblastoma Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 3166-3174.	1.7	53
84	Human Biomolecular Corona of Liposomal Doxorubicin: The Overlooked Factor in Anticancer Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22951-22962.	4.0	51
85	Simultaneous Preconcentration, Identification, and Quantitation of Selenoamino Acids in Oils by Enantioselective High Performance Liquid Chromatography and Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 8326-8330.	3.2	7
86	Extraction of polycyclic aromatic hydrocarbons from polyhydroxyalkanoates before gas chromatography/mass spectrometry analysis. <i>Talanta</i> , 2018, 188, 671-675.	2.9	15
87	In vivo protein corona patterns of lipid nanoparticles. <i>RSC Advances</i> , 2017, 7, 1137-1145.	1.7	59
88	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.	1.9	35
89	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.	2.5	86
90	Evaluation of column length and particle size effect on the untargeted profiling of a phytochemical mixture by using UHPLC coupled to high-resolution mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 2541-2557.	1.3	16

#	ARTICLE	IF	CITATIONS
91	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.	1.9	33
92	Biophysics and protein corona analysis of Janus cyclodextrin-DNA nanocomplexes. Efficient cellular transfection on cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1737-1749.	1.1	16
93	A multidimensional liquid chromatography-tandem mass spectrometry platform to improve protein identification in high-throughput shotgun proteomics. <i>Journal of Chromatography A</i> , 2017, 1498, 176-182.	1.8	14
94	An apolipoprotein-enriched biomolecular corona switches the cellular uptake mechanism and trafficking pathway of lipid nanoparticles. <i>Nanoscale</i> , 2017, 9, 17254-17262.	2.8	73
95	Proteomic analysis and bioluminescent reporter gene assays to investigate effects of simulated microgravity on Caco-2 cells. <i>Proteomics</i> , 2017, 17, 1700081.	1.3	11
96	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.	2.9	50
97	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.	1.5	30
98	Magnetic Materials for the Selective Analysis of Peptide and Protein Biomarkers. <i>Current Medicinal Chemistry</i> , 2017, 24, 438-453.	1.2	15
99	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.	1.9	32
100	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.	1.6	32
101	Membrane proteome functional characterization of breast cancer-initiating cells subjected to bone morphogenetic protein signaling inhibition by dorsomorphin. <i>Medicinal Chemistry Research</i> , 2016, 25, 1971-1979.	1.1	0
102	New Magnetic Graphitized Carbon Black TiO <sub>2</sub> Composite for Phosphopeptide Selective Enrichment in Shotgun Phosphoproteomics. <i>Analytical Chemistry</i> , 2016, 88, 12043-12050.	3.2	48
103	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.	1.3	14
104	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.	1.9	75
105	Separation of intact proteins on 13C-induced polymethacrylate monolithic columns: A highly permeable stationary phase with high peak capacity for capillary high-performance liquid chromatography with high-resolution mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 264-271.	1.3	20
106	Shotgun proteomic analysis of soybean embryonic axes during germination under salt stress. <i>Proteomics</i> , 2016, 16, 1537-1546.	1.3	21
107	Recent trends in the analysis of bioactive peptides in milk and dairy products. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2677-2685.	1.9	119
108	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.	1.8	31

#	ARTICLE	IF	CITATIONS
109	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.	2.6	38
110	The protein corona of circulating PEGylated liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 189-196.	1.4	178
111	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.	1.8	49
112	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, 3599-3606.	1.3	18
113	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.	1.5	46
114	Recent advances and developments in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 186-193.	5.8	97
115	Peptidome characterization and bioactivity analysis of donkey milk. <i>Journal of Proteomics</i> , 2015, 119, 21-29.	1.2	68
116	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.	1.3	26
117	Surface chemistry and serum type both determine the nanoparticleâ€“protein corona. <i>Journal of Proteomics</i> , 2015, 119, 209-217.	1.2	75
118	The biomolecular corona of nanoparticles in circulating biological media. <i>Nanoscale</i> , 2015, 7, 13958-13966.	2.8	127
119	Food Proteins and Peptides. <i>Comprehensive Analytical Chemistry</i> , 2015, 68, 309-357.	0.7	9
120	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, 1705-1719.	1.9	24
121	Simultaneous Determination of Naturally Occurring Estrogens and Mycoestrogens in Milk by Ultrahigh-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8940-8946.	2.4	31
122	Stealth Effect of Biomolecular Corona on Nanoparticle Uptake by Immune Cells. <i>Langmuir</i> , 2015, 31, 10764-10773.	1.6	102
123	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.	1.9	131
124	Lipid composition: a â€œkey factorâ€“for the rational manipulation of the liposomeâ€“protein corona by liposome design. <i>RSC Advances</i> , 2015, 5, 5967-5975.	1.7	77
125	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.	1.9	40
126	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> , 2015, 38, 353-370.	0.5	25



#	ARTICLE	IF	CITATIONS
127	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, 2882-2891.	1.3	22
128	Heterosis profile of sunflower leaves: A label free proteomics approach. <i>Journal of Proteomics</i> , 2014, 99, 101-110.	1.2	31
129	Proteomic study of a tolerant genotype of durum wheat under salt-stress conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1423-1435.	1.9	48
130	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.	4.2	69
131	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.	1.8	53
132	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.	1.2	63
133	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> , 2014, 6, 2782.	2.8	433
134	A proteomics-based methodology to investigate the protein corona effect for targeted drug delivery. <i>Molecular BioSystems</i> , 2014, 10, 2815-2819.	2.9	17
135	Analysis of the interferon gamma modulated pathways related to the therapeutic plasticity of bone marrow-derived mesenchymal stem cells through a SILAC-based proteomic approach. <i>Journal of Neuroimmunology</i> , 2014, 275, 191-192.	1.1	0
136	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.	2.9	85
137	Protein Profile of Mature Soybean Seeds and Prepared Soybean Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9893-9899.	2.4	39
138	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.	1.2	25
139	Analytical Methods for Characterizing the Nanoparticle-Protein Corona. <i>Chromatographia</i> , 2014, 77, 755-769.	0.7	58
140	Effect of DOPE and cholesterol on the protein adsorption onto lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	36
141	Gel-free proteomics reveal potential biomarkers of priming-induced salt tolerance in durum wheat. <i>Journal of Proteomics</i> , 2013, 91, 486-499.	1.2	58
142	Proteomic characterization of human platelet-derived microparticles. <i>Analytica Chimica Acta</i> , 2013, 776, 57-63.	2.6	41
143	Label-free quantitative analysis for studying the interactions between nanoparticles and plasma proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 635-645.	1.9	26
144	Recent trends in matrix solid-phase dispersion. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 53-66.	5.8	90

#	ARTICLE	IF	CITATIONS
145	High performance liquid chromatography tandem mass spectrometry determination of perfluorinated acids in cow milk. <i>Journal of Chromatography A</i> , 2013, 1319, 72-79.	1.8	26
146	Proteomic platform for the identification of proteins in olive ( <i>Olea europaea</i> ) pulp. <i>Analytica Chimica Acta</i> , 2013, 800, 36-42.	2.6	14
147	Time Evolution of Nanoparticle-Protein Corona in Human Plasma: Relevance for Targeted Drug Delivery. <i>Langmuir</i> , 2013, 29, 6485-6494.	1.6	248
148	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.	1.8	49
149	Proteome investigation of the non-model plant pomegranate ( <i>Punica granatum</i> L.). <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 9301-9309.	1.9	17
150	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> , 2013, 5, 13171-13179.	4.0	150
151	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.	1.8	74
152	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.	2.6	41
153	Do plasma proteins distinguish between liposomes of varying charge density?. <i>Journal of Proteomics</i> , 2012, 75, 1924-1932.	1.2	65
154	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, 1787-1795.	1.0	2
155	Multiclass mycotoxin analysis in food, environmental and biological matrices with chromatography/mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2012, 31, 466-503.	2.8	119
156	Evolution of the Protein Corona of Lipid Gene Vectors as a Function of Plasma Concentration. <i>Langmuir</i> , 2011, 27, 15048-15053.	1.6	101
157	Factors Determining the Superior Performance of Lipid/DNA/Protamine Nanoparticles over Lipoplexes. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4160-4171.	2.9	51
158	Intact protein separation by chromatographic and/or electrophoretic techniques for top-down proteomics. <i>Journal of Chromatography A</i> , 2011, 1218, 8760-8776.	1.8	76
159	Differential analysis of protein corona-profile adsorbed onto different nonviral gene delivery systems. <i>Analytical Biochemistry</i> , 2011, 419, 180-189.	1.1	38
160	Rapid Resolution Liquid chromatography/High Resolution Tandem Mass Spectrometry to Characterize Metabolic Changes in Subjects Involved in MARS500 Project. <i>Chromatographia</i> , 2011, 73, 45-53.	0.7	3
161	Shotgun proteomic analytical approach for studying proteins adsorbed onto liposome surface. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1195-1202.	1.9	29
162	Extending the applicability of pressurized hot water extraction to compounds exhibiting limited water solubility by pH control: curcumin from the turmeric rhizome. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2977-2985.	1.9	45

#	ARTICLE	IF	CITATIONS
163	DNA affects the composition of lipoplex protein corona: A proteomics approach. <i>Proteomics</i> , 2011, 11, 3349-3358.	1.3	30
164	Evaluation of different two-dimensional chromatographic techniques for proteomic analysis of mouse cardiac tissue. <i>Biomedical Chromatography</i> , 2011, 25, 594-599.	0.8	13
165	Nanostructured functional co-polymers bioconjugate integrin inhibitors. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 465-471.	5.0	16
166	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.	1.5	24
167	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.	1.9	38
168	Surface adsorption of protein corona controls the cell uptake mechanism in efficient cationic liposome/DNA complexes in serum. <i>Journal of Controlled Release</i> , 2010, 148, e94-e95.	4.8	2
169	Recent developments in matrix solid-phase dispersion extraction. <i>Journal of Chromatography A</i> , 2010, 1217, 2521-2532.	1.8	241
170	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.	1.8	56