

Silvia Canepari

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

5,790
citations

76196

40
h-index

128067

60
g-index

215
all docs

215
docs citations

215
times ranked

6847
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterization of atmospheric PM in Delhi, India, during different periods of the year including Diwali festival. <i>Atmospheric Pollution Research</i> , 2011, 2, 418-427.	1.8	166
2	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
3	Liquid chromatography/tandem mass spectrometric confirmatory method for determining aflatoxin M1 in cow milk. <i>Journal of Chromatography A</i> , 2006, 1101, 69-78.	1.8	130
4	Determination of aflatoxins in olive oil by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 596, 141-148.	2.6	127
5	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
6	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.	0.7	112
7	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
8	Seasonal variations in the chemical composition of particulate matter: a case study in the Po Valley. Part I: macro-components and mass closure. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3999-4009.	2.7	105
9	Characterisation of the traffic sources of PM through size-segregated sampling, sequential leaching and ICP analysis. <i>Atmospheric Environment</i> , 2008, 42, 8161-8175.	1.9	99
10	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.	0.7	97
11	Recent Applications of Magnetic Solid-phase Extraction for Sample Preparation. <i>Chromatographia</i> , 2019, 82, 1251-1274.	0.7	97
12	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.	0.7	90
13	Influence of natural events on the concentration and composition of atmospheric particulate matter. <i>Atmospheric Environment</i> , 2009, 43, 4766-4779.	1.9	80
14	Comprehensive Profiling of Carotenoids and Fat-Soluble Vitamins in Milk from Different Animal Species by LC-DAD-MS/MS Hyphenation. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1628-1639.	2.4	80
15	Peptidomic strategy for purification and identification of potential ACE-inhibitory and antioxidant peptides in <i>Tetradesmus obliquus</i> microalgae. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3573-3586.	1.9	76
16	Surface chemistry and serum type both determine the nanoparticle-protein corona. <i>Journal of Proteomics</i> , 2015, 119, 209-217.	1.2	75
17	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
18	Relationship between domestic smoking and metals and rare earth elements concentration in indoor PM2.5. <i>Environmental Research</i> , 2018, 165, 71-80.	3.7	65

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19	Determination of metals, metalloids and non-volatile ions in airborne particulate matter by a new two-step sequential leaching procedurePart A: Experimental design and optimisation. <i>Talanta</i> , 2006, 69, 581-587.	2.9	64
20	Enhancement of source traceability of atmospheric PM by elemental chemical fractionation. <i>Atmospheric Environment</i> , 2009, 43, 4754-4765.	1.9	64
21	Seasonal variations in the chemical composition of particulate matter: a case study in the Po Valley. Part II: concentration and solubility of micro- and trace-elements. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4010-4022.	2.7	64
22	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
23	Comparative elemental analysis of dairy milk and plant-based milk alternatives. <i>Food Control</i> , 2020, 116, 107327.	2.8	62
24	Determination of soluble ions and elements in ambient air suspended particulate matter: Inter-technique comparison of XRF, IC and ICP for sample-by-sample quality control. <i>Talanta</i> , 2009, 77, 1821-1829.	2.9	61
25	Analytical Methods for Characterizing the Nanoparticleâ€“Protein Corona. <i>Chromatographia</i> , 2014, 77, 755-769.	0.7	58
26	First Results of the â€œCarbonaceous Aerosol in Rome and Environs (CARE)â€“Experiment: Beyond Current Standards for PM10. <i>Atmosphere</i> , 2017, 8, 249.	1.0	54
27	Multiclass analysis of mycotoxins in biscuits by high performance liquid chromatographyâ€“tandem mass spectrometry. Comparison of different extraction procedures. <i>Journal of Chromatography A</i> , 2014, 1343, 69-78.	1.8	53
28	Oxidative potential of size-segregated PM in an urban and an industrial area of Italy. <i>Atmospheric Environment</i> , 2018, 187, 292-300.	1.9	53
29	Determination of metals, metalloids and non-volatile ions in airborne particulate matter by a new two-step sequential leaching procedurePart B: Validation on equivalent real samples. <i>Talanta</i> , 2006, 69, 588-595.	2.9	52
30	Characterization of Italian multifloral honeys on the basis of their mineral content and some typical quality parameters. <i>Journal of Food Composition and Analysis</i> , 2018, 74, 102-113.	1.9	51
31	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
32	A prophylactic multi-strain probiotic treatment to reduce the absorption of toxic elements: In-vitro study and biomonitoring of breast milk and infant stools. <i>Environment International</i> , 2019, 130, 104818.	4.8	50
33	Optimization and validation of a fast digestion method for the determination of major and trace elements in breast milk by ICP-MS. <i>Analytica Chimica Acta</i> , 2018, 1040, 49-62.	2.6	48
34	Aflatoxin M1 determination in cheese by liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1135, 135-141.	1.8	47
35	Ultrasound and microwave-assisted extraction of metals from sediment: a comparison with the BCR procedure. <i>Talanta</i> , 2005, 66, 1122-1130.	2.9	46
36	Thermal stability of inorganic and organic compounds in atmospheric particulate matter. <i>Atmospheric Environment</i> , 2012, 54, 36-43.	1.9	46

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37	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
38	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
39	Urinary levels of trace elements among primary school-aged children from Italy: The contribution of smoking habits of family members. <i>Science of the Total Environment</i> , 2016, 557-558, 378-385.	3.9	44
40	Comparison of extracting solutions for elemental fractionation in airborne particulate matter. <i>Talanta</i> , 2010, 82, 834-844.	2.9	43
41	Microporous and mesoporous materials for the treatment of wastewater produced by petrochemical activities. <i>Journal of Cleaner Production</i> , 2014, 77, 22-34.	4.6	42
42	New Ti-IMAC magnetic polymeric nanoparticles for phosphopeptide enrichment from complex real samples. <i>Talanta</i> , 2018, 178, 274-281.	2.9	42
43	Comparing the Performance of Teflon and Quartz Membrane Filters Collecting Atmospheric PM: Influence of Atmospheric Water. <i>Aerosol and Air Quality Research</i> , 2013, 13, 137-147.	0.9	42
44	Flavonoid profile in soybeans by high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2177-2187.	0.7	40
45	Chemical characterization of indoor and outdoor fine particulate matter in an occupied apartment in Rome, Italy. <i>Indoor Air</i> , 2016, 26, 558-570.	2.0	40
46	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
47	Inorganic constituents of urban air pollution in the Lazio region (Central Italy). <i>Environmental Monitoring and Assessment</i> , 2007, 128, 133-151.	1.3	38
48	Particulate matter concentration and chemical composition in the metro system of Rome, Italy. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9204-9214.	2.7	37
49	Release of particles, organic compounds, and metals from crumb rubber used in synthetic turf under chemical and physical stress. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1448-1459.	2.7	37
50	Lichen transplants as indicators of atmospheric element concentrations: a high spatial resolution comparison with PM10 samples in a polluted area (Central Italy). <i>Ecological Indicators</i> , 2019, 101, 759-769.	2.6	37
51	Effect of DOPE and cholesterol on the protein adsorption onto lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	36
52	Effects of high Zn and Pb concentrations on <i>Phragmites australis</i> (Cav.) Trin. Ex. Steudel: Photosynthetic performance and metal accumulation capacity under controlled conditions. <i>International Journal of Phytoremediation</i> , 2016, 18, 16-24.	1.7	36
53	Comprehensive polyphenol profiling of a strawberry extract (<i>Fragaria Å— 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
54	Desert dust contribution to PM10 loads in Italy: Methods and recommendations addressing the relevant European Commission Guidelines in support to the Air Quality Directive 2008/50. <i>Atmospheric Environment</i> , 2017, 161, 288-305.	1.9	35

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55	Airborne Aerosols and Human Health: Leapfrogging from Mass Concentration to Oxidative Potential. <i>Atmosphere</i> , 2020, 11, 917.	1.0	35
56	Time-resolved measurements of water-soluble ions and elements in atmospheric particulate matter for the characterization of local and long-range transport events. <i>Chemosphere</i> , 2010, 80, 1291-1300.	4.2	34
57	An inclusive view of Saharan dust advections to Italy and the Central Mediterranean. <i>Atmospheric Environment</i> , 2019, 201, 242-256.	1.9	34
58	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
59	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
60	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
61	Indoor air quality in schools of a highly polluted south Mediterranean area. <i>Indoor Air</i> , 2019, 29, 276-290.	2.0	33
62	A new rapid treatment of human hair for elemental determination by inductively coupled mass spectrometry. <i>Analytical Methods</i> , 2020, 12, 1906-1918.	1.3	32
63	Heterosis profile of sunflower leaves: A label free proteomics approach. <i>Journal of Proteomics</i> , 2014, 99, 101-110.	1.2	31
64	Efficiency Evaluation of Food Waste Materials for the Removal of Metals and Metalloids from Complex Multi-Element Solutions. <i>Materials</i> , 2018, 11, 334.	1.3	31
65	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
66	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
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	Biomass burning contribution to PM10 concentration in Rome (Italy): Seasonal, daily and two-hourly variations. <i>Chemosphere</i> , 2019, 222, 839-848.	4.2	29
69	Phytocannabinomics: Untargeted metabolomics as a tool for cannabis chemovar differentiation. <i>Talanta</i> , 2021, 230, 122313.	2.9	29
70	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
71	Sources of PM in an Industrial Area: Comparison between Receptor Model Results and Semiempirical Calculations of Source Contributions. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1558-1572.	0.9	29
72	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.	0.7	27

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73	Dissolution of glass wool, rock wool and alkaline earth silicate wool: Morphological and chemical changes in fibers. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 70, 393-406.	1.3	27
74	Inorganic constituents of urban air pollution in the Lazio region (Central Italy). <i>Environmental Monitoring and Assessment</i> , 2007, 136, 69-86.	1.3	26
75	Relevance of Sb(III), Sb(V), and Sb-containing nano-particles in urban atmospheric particulate matter. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2533-2542.	1.9	26
76	A combined chemical/size fractionation approach to study winter/summer variations, ageing and source strength of atmospheric particles. <i>Environmental Pollution</i> , 2019, 253, 19-28.	3.7	26
77	Evidences of copper nanoparticle exposure in indoor environments: Long-term assessment, high-resolution field emission scanning electron microscopy evaluation, in silico respiratory dosimetry study and possible health implications. <i>Science of the Total Environment</i> , 2019, 653, 1192-1203.	3.9	26
78	Extraction and analysis of fungal spore biomarkers in atmospheric bioaerosol by HPLC-MS-MS and GC-MS. <i>Talanta</i> , 2013, 105, 142-151.	2.9	25
79	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
80	Semiautomatic sequential extraction of polycyclic aromatic hydrocarbons and elemental bio-accessible fraction by accelerated solvent extraction on a single particulate matter sample. <i>Talanta</i> , 2017, 174, 838-844.	2.9	25
81	Simple and rapid method for the determination of mercury in human hair by cold vapour generation atomic fluorescence spectrometry. <i>Microchemical Journal</i> , 2019, 150, 104186.	2.3	25
82	Effectiveness of Different Sample Treatments for the Elemental Characterization of Bees and Beehive Products. <i>Molecules</i> , 2020, 25, 4263.	1.7	25
83	Urban trees for biomonitoring atmospheric particulate matter: An integrated approach combining plant functional traits, magnetic and chemical properties. <i>Ecological Indicators</i> , 2021, 126, 107707.	2.6	25
84	Qualitative and quantitative determination of water in airborne particulate matter. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1193-1202.	1.9	24
85	Profiling of selenium absorption and accumulation in healthy subjects after prolonged l-selenomethionine supplementation. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 1183-1190.	1.8	24
86	Influence of advanced wood-fired appliances for residential heating on indoor air quality. <i>Chemosphere</i> , 2018, 211, 62-71.	4.2	24
87	Improved identification of phytocannabinoids using a dedicated structure-based workflow. <i>Talanta</i> , 2020, 219, 121310.	2.9	24
88	Comprehensive identification of native medium-sized and short bioactive peptides in sea bass muscle. <i>Food Chemistry</i> , 2021, 343, 128443.	4.2	23
89	Two-stage chemical fractionation method for the analysis of elements and non-volatile inorganic ions in PM10 samples: Application to ambient samples collected in Rome (Italy). <i>Atmospheric Environment</i> , 2006, 40, 7908-7923.	1.9	22
90	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

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91	Potential of PM-selected components to induce oxidative stress and root system alteration in a plant model organism. <i>Environment International</i> , 2019, 132, 105094.	4.8	22
92	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
93	Integrated Evaluation of Indoor Particulate Exposure: The VIEPI Project. <i>Sustainability</i> , 2020, 12, 9758.	1.6	22
94	Spatial distribution of levoglucosan and alternative biomass burning tracers in atmospheric aerosols, in an urban and industrial hot-spot of Central Italy. <i>Atmospheric Research</i> , 2020, 239, 104904.	1.8	22
95	Elemental Concentration in Atmospheric Particulate Matter: Estimation of Nanoparticle Contribution. <i>Aerosol and Air Quality Research</i> , 2013, 13, 1619-1629.	0.9	22
96	Shotgun proteomic analysis of soybean embryonic axes during germination under salt stress. <i>Proteomics</i> , 2016, 16, 1537-1546.	1.3	21
97	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
98	Spatial mapping and size distribution of oxidative potential of particulate matter released by spatially disaggregated sources. <i>Environmental Pollution</i> , 2020, 266, 115271.	3.7	21
99	Indoor air quality in a domestic environment: Combined contribution of indoor and outdoor PM sources. <i>Building and Environment</i> , 2021, 202, 108050.	3.0	21
100	Assessing the contribution of water to the mass closure of PM10. <i>Atmospheric Environment</i> , 2016, 140, 555-564.	1.9	20
101	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
102	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
103	Elemental concentration and migratability in bioplastics derived from organic waste. <i>Chemosphere</i> , 2020, 259, 127472.	4.2	20
104	High resolution spatial mapping of element concentrations in PM10: A powerful tool for localization of emission sources. <i>Atmospheric Research</i> , 2020, 244, 105060.	1.8	20
105	Application of DPPH Assay for Assessment of Particulate Matter Reducing Properties. <i>Atmosphere</i> , 2019, 10, 816.	1.0	19
106	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
107	Liquid membranes for chiral separations. Application of cinchonidine as a chiral carrier. <i>Journal of Separation Science</i> , 2002, 25, 229-238.	1.3	18
108	Improved characterisation of inorganic components in airborne particulate matter. <i>Environmental Chemistry Letters</i> , 2006, 3, 186-191.	8.3	18

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109	Monitoring and Evaluation of Terni (Central Italy) Air Quality through Spatially Resolved Analyses. <i>Atmosphere</i> , 2017, 8, 200.	1.0	18
110	Liquid Chromatographic Strategies for Separation of Bioactive Compounds in Food Matrices. <i>Molecules</i> , 2018, 23, 3091.	1.7	18
111	âœ2^{i>n} Analytical Platformâ€To Update Procedures in Thanatochemistry: Estimation of Post Mortem Interval in Vitreous Humor. <i>Analytical Chemistry</i> , 2019, 91, 7025-7031.	3.2	18
112	Phospholipidome of extra virgin olive oil: Development of a solid phase extraction protocol followed by liquid chromatographyâ€high resolution mass spectrometry for its software-assisted identification. <i>Food Chemistry</i> , 2020, 310, 125860.	4.2	18
113	Evaluation of the Efficiency of <i>Arundo donax</i> L. Leaves as Biomonitors for Atmospheric Element Concentrations in an Urban and Industrial Area of Central Italy. <i>Atmosphere</i> , 2020, 11, 226.	1.0	18
114	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
115	Urinary reference ranges and exposure profile for lithium among an Italian paediatric population. <i>Science of the Total Environment</i> , 2018, 619-620, 58-64.	3.9	17
116	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
117	Evidence of association between aerosol properties and in-vitro cellular oxidative response to PM1, oxidative potential of PM2.5, a biomarker of RNA oxidation, and its dependency on combustion sources. <i>Atmospheric Environment</i> , 2019, 213, 444-455.	1.9	17
118	Multiparametric approach for an exemplary study of laser printer emissions. <i>Journal of Environmental Monitoring</i> , 2012, 14, 446.	2.1	16
119	Evaluation of column length and particle size effect on the untargeted profiling of a phytochemical mixture by using UHPLC coupled to highâ€resolution mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 2541-2557.	1.3	16
120	Chemical Composition of PM10 in 16 Urban, Industrial and Background Sites in Italy. <i>Atmosphere</i> , 2020, 11, 479.	1.0	16
121	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
122	Evaluation tests and applications of a double-layer tube-type passive sampler. <i>Journal of Chromatography A</i> , 1990, 522, 285-294.	1.8	15
123	Determination of Sb(III), Sb(V) and identification of Sb-containing nanoparticles in airborne particulate matter. <i>Procedia Environmental Sciences</i> , 2011, 4, 209-217.	1.3	15
124	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
125	Extraction of polycyclic aromatic hydrocarbons from polyhydroxyalkanoates before gas chromatography/mass spectrometry analysis. <i>Talanta</i> , 2018, 188, 671-675.	2.9	15
126	Chemical Fractionation of Elements in Airborne Particulate Matter: Primary Results on PM10 and PM2.5 Samples in the Lazio Region (Central Italy). <i>Annali Di Chimica</i> , 2006, 96, 183-194.	0.6	14

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127	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
128	In-vivo assesment of the genotoxic and oxidative stress effects of particulate matter on <i>Echinogammarus veneris</i> . <i>Chemosphere</i> , 2017, 173, 124-134.	4.2	14
129	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
130	Multi-elemental analysis of particulate matter samples collected by a particle-into-liquid sampler. <i>Atmospheric Pollution Research</i> , 2018, 9, 747-754.	1.8	14
131	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
132	An Analytical Method for the Biomonitoring of Mercury in Bees and Beehive Products by Cold Vapor Atomic Fluorescence Spectrometry. <i>Molecules</i> , 2021, 26, 4878.	1.7	14
133	Effects of COVID-19 lockdown on PM10 composition and sources in the Rome Area (Italy) by elements' chemical fractionation-based source apportionment. <i>Atmospheric Research</i> , 2022, 266, 105970.	1.8	14
134	Complex formation equilibria of some β -amino-alcohols with lead(II) and cadmium(II) in aqueous solution. <i>Talanta</i> , 1998, 47, 1077-1084.	2.9	13
135	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
136	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, 1159-1167.	0.7	12
137	In situ physical and chemical characterisation of the Eyjafjallajökull aerosol plume in the free troposphere over Italy. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1075-1092.	1.9	12
138	Enrichment procedure based on graphitized carbon black and liquid chromatography-high resolution mass spectrometry for elucidating sulfolipids composition of microalgae. <i>Talanta</i> , 2019, 205, 120162.	2.9	12
139	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
140	Fungi and Arsenic: Tolerance and Bioaccumulation by Soil Saprotrophic Species. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3218.	1.3	12
141	Oxidative Potential Associated with Urban Aerosol Deposited into the Respiratory System and Relevant Elemental and Ionic Fraction Contributions. <i>Atmosphere</i> , 2020, 11, 6.	1.0	12
142	Diversity and Source of Airborne Microbial Communities at Differential Polluted Sites of Rome. <i>Atmosphere</i> , 2022, 13, 224.	1.0	11
143	Phase Evolution in Synthesis of Manganese Ferrite Nanoparticles. <i>Journal of the American Ceramic Society</i> , 2007, 90, 3977-3983.	1.9	10
144	Monitoring heavy metal pollution by aquatic plants. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3292-3298.	2.7	10

#	ARTICLE	IF	CITATIONS
145	Oxidative Potential of Selected PM Components. Proceedings (mdpi), 2017, 1, .	0.2	10
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