

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	Effects of operating conditions on PM oxidative potential assays. <i>Atmospheric Environment</i> , 2022, 268, 118802.	1.9	7
2	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
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	Diversity and Source of Airborne Microbial Communities at Differential Polluted Sites of Rome. <i>Atmosphere</i> , 2022, 13, 224.	1.0	11
5	Biomonitoring of element contamination in bees and beehive products in the Rome province (Italy). <i>Environmental Science and Pollution Research</i> , 2022, 29, 36057-36074.	2.7	9
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	Simple and efficient method to detach intact PM10 from field filters: Elements recovery assessment. <i>Atmospheric Pollution Research</i> , 2022, 13, 101417.	1.8	1
9	Assessment of the link between atmospheric dispersion and chemical composition of PM10 at 2-h time resolution. <i>Chemosphere</i> , 2022, 298, 134272.	4.2	0
10	A New Method for the Assessment of the Oxidative Potential of Both Water-Soluble and Insoluble PM. <i>Atmosphere</i> , 2022, 13, 349.	1.0	5
11	On the Redox-Activity and Health-Effects of Atmospheric Primary and Secondary Aerosol: Phenomenology. <i>Atmosphere</i> , 2022, 13, 704.	1.0	7
12	Biomonitoring of Exposure to Urban Pollutants and Oxidative Stress during the COVID-19 Lockdown in Rome Residents. <i>Toxics</i> , 2022, 10, 267.	1.6	2
13	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
14	Performance of bees and beehive products as indicators of elemental tracers of atmospheric pollution in sites of the Rome province (Italy). <i>Ecological Indicators</i> , 2022, 140, 109061.	2.6	7
15	Indoor PM10 in university classrooms: Chemical composition and source behaviour. <i>Atmospheric Environment</i> , 2022, 287, 119260.	1.9	2
16	Lichen transplants for high spatial resolution biomonitoring of Persistent Organic Pollutants (POPs) in a multi-source polluted area of Central Italy. <i>Ecological Indicators</i> , 2021, 120, 106921.	2.6	2
17	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
18	Comprehensive identification of native medium-sized and short bioactive peptides in sea bass muscle. <i>Food Chemistry</i> , 2021, 343, 128443.	4.2	23

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19	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
20	Seasonal Variations in the Chemical Composition of Indoor and Outdoor PM10 in University Classrooms. <i>Sustainability</i> , 2021, 13, 2263.	1.6	5
21	On-Line Separation and Determination of Trivalent and Hexavalent Chromium with a New Liquid Membrane Annular Contactor Coupled to Inductively Coupled Plasma Optical Emission Spectrometry. <i>Processes</i> , 2021, 9, 536.	1.3	4
22	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
23	Determination of 40 Elements in Powdered Infant Formulas and Related Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5073.	1.2	5
24	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
25	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
26	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.	1.3	6
27	Oxidative Stress Biomarkers in Urine of Metal Carpentry Workers Can Be Diagnostic for Occupational Exposure to Low Level of Welding Fumes from Associated Metals. <i>Cancers</i> , 2021, 13, 3167.	1.7	9
28	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
29	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
30	Phytocannabinomics: Untargeted metabolomics as a tool for cannabis chemovar differentiation. <i>Talanta</i> , 2021, 230, 122313.	2.9	29
31	Reusable Water Bottles: Release of Inorganic Elements, Phthalates, and Bisphenol A in a "Real Use" Simulation Experiment. <i>Separations</i> , 2021, 8, 126.	1.1	5
32	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
33	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
34	Identification and spatial mapping of tracers of PM10 emission sources using a high spatial resolution distributed network in an urban setting. <i>Atmospheric Research</i> , 2021, 262, 105771.	1.8	5
35	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
36	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

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37	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
38	Fully Automatized Detection of Phosphocholine-Containing Lipids through an Isotopically Labeled Buffer Modification Workflow. <i>Analytical Chemistry</i> , 2021, 93, 15042-15048.	3.2	4
39	Multielement Characterization and Antioxidant Activity of Italian Extra-Virgin Olive Oils. <i>Frontiers in Chemistry</i> , 2021, 9, 769620.	1.8	6
40	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
41	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
42	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
43	Occupational Exposure Assessment of Major and Trace Elements in Human Scalp Hair Among a Group of Eritrean Workers. <i>Biological Trace Element Research</i> , 2020, 197, 89-100.	1.9	9
44	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
45	Assessment of the effects of atmospheric pollutants using the animal model <i>Caenorhabditis elegans</i> . <i>Environmental Research</i> , 2020, 191, 110209.	3.7	8
46	Effectiveness of Different Sample Treatments for the Elemental Characterization of Bees and Beehive Products. <i>Molecules</i> , 2020, 25, 4263.	1.7	25
47	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
48	Element Levels and Predictors of Exposure in the Hair of Ethiopian Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8652.	1.2	7
49	High spatial resolution analysis of polybrominated diphenyl ethers (PBDEs) using transplanted lichen <i>Evernia prunastri</i> : A case study in central Italy. <i>Science of the Total Environment</i> , 2020, 742, 140590.	3.9	0
50	Airborne Aerosols and Human Health: Leapfrogging from Mass Concentration to Oxidative Potential. <i>Atmosphere</i> , 2020, 11, 917.	1.0	35
51	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
52	Association between the Concentration and the Elemental Composition of Outdoor PM _{2.5} and Respiratory Diseases in Schoolchildren: A Multicenter Study in the Mediterranean Area. <i>Atmosphere</i> , 2020, 11, 1290.	1.0	3
53	Integrated Evaluation of Indoor Particulate Exposure: The VIEPI Project. <i>Sustainability</i> , 2020, 12, 9758.	1.6	22
54	Gaining knowledge on source contribution to aerosol optical absorption properties and organics by receptor modelling. <i>Atmospheric Environment</i> , 2020, 243, 117873.	1.9	9

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55	Urinary Mercury Levels and Predictors of Exposure among a Group of Italian Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9225.	1.2	10
56	Urinary Oxidative Stress Biomarkers in Workers of a Titanium Dioxide Based Pigment Production Plant. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9085.	1.2	10
57	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
58	Fungi and Arsenic: Tolerance and Bioaccumulation by Soil Saprotrophic Species. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3218.	1.3	12
59	Chemical Composition of PM10 in 16 Urban, Industrial and Background Sites in Italy. <i>Atmosphere</i> , 2020, 11, 479.	1.0	16
60	Ultrafine Particle Features Associated with Pro-Inflammatory and Oxidative Responses: Implications for Health Studies. <i>Atmosphere</i> , 2020, 11, 414.	1.0	10
61	Comparative elemental analysis of dairy milk and plant-based milk alternatives. <i>Food Control</i> , 2020, 116, 107327.	2.8	62
62	Biomonitoring of Mercury in Hair among a Group of Eritreans (Africa). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1911.	1.2	10
63	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
64	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
65	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
66	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
67	Improved identification of phytocannabinoids using a dedicated structure-based workflow. <i>Talanta</i> , 2020, 219, 121310.	2.9	24
68	Elemental concentration and migratability in bioplastics derived from organic waste. <i>Chemosphere</i> , 2020, 259, 127472.	4.2	20
69	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
70	Comparison Study between Indoor and Outdoor Chemical Composition of PM2.5 in Two Italian Areas. <i>Atmosphere</i> , 2020, 11, 368.	1.0	6
71	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
72	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

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73	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
74	Development of an Analytical Method for the Metaproteomic Investigation of Bioaerosol from Work Environments. <i>Proteomics</i> , 2019, 19, e1900152.	1.3	6
75	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
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	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
78	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
79	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
80	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
81	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
82	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
83	Recent Applications of Magnetic Solid-phase Extraction for Sample Preparation. <i>Chromatographia</i> , 2019, 82, 1251-1274.	0.7	97
84	Update Analytical Platform to Update Procedures in Thanatochemistry: Estimation of Post Mortem Interval in Vitreous Humor. <i>Analytical Chemistry</i> , 2019, 91, 7025-7031.	3.2	18
85	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
86	Investigation of free and conjugated selenoamino 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
87	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
88	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
89	Liposome protein corona characterization as a new approach in nanomedicine. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4313-4326.	1.9	30
90	Application of DPPH Assay for Assessment of Particulate Matter Reducing Properties. <i>Atmosphere</i> , 2019, 10, 816.	1.0	19

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91	Food Waste Materials as Low-Cost Adsorbents for the Removal of Volatile Organic Compounds from Wastewater. <i>Materials</i> , 2019, 12, 4242.	1.3	10
92	Indoor air quality in schools of a highly polluted south Mediterranean area. <i>Indoor Air</i> , 2019, 29, 276-290.	2.0	33
93	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
94	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
95	An inclusive view of Saharan dust advections to Italy and the Central Mediterranean. <i>Atmospheric Environment</i> , 2019, 201, 242-256.	1.9	34
96	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
97	Performance Evaluation of a Very-low-volume Sampler for Atmospheric Particulate Matter. <i>Aerosol and Air Quality Research</i> , 2019, 19, 2160-2172.	0.9	10
98	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
99	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
100	Relationship between domestic smoking and metals and rare earth elements concentration in indoor PM _{2.5} . <i>Environmental Research</i> , 2018, 165, 71-80.	3.7	65
101	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
102	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
103	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
104	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
105	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
106	Discovery of bioactive compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3405-3406.	1.9	2
107	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
108	New Ti-IMAC magnetic polymeric nanoparticles for phosphopeptide enrichment from complex real samples. <i>Talanta</i> , 2018, 178, 274-281.	2.9	42

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109	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
110	Liquid Chromatographic Strategies for Separation of Bioactive Compounds in Food Matrices. <i>Molecules</i> , 2018, 23, 3091.	1.7	18
111	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
112	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
113	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
114	Influence of advanced wood-fired appliances for residential heating on indoor air quality. <i>Chemosphere</i> , 2018, 211, 62-71.	4.2	24
115	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
116	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
117	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
118	Extraction of polycyclic aromatic hydrocarbons from polyhydroxyalkanoates before gas chromatography/mass spectrometry analysis. <i>Talanta</i> , 2018, 188, 671-675.	2.9	15
119	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
120	Comprehensive polyphenol profiling of a strawberry extract (<i>Fragaria</i> Å— <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
121	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
122	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
123	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
124	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
125	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
126	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

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127	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
128	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
129	Monitoring and Evaluation of Terni (Central Italy) Air Quality through Spatially Resolved Analyses. <i>Atmosphere</i> , 2017, 8, 200.	1.0	18
130	First Results of the “Carbonaceous Aerosol in Rome and Environs (CARE)” Experiment: Beyond Current Standards for PM10. <i>Atmosphere</i> , 2017, 8, 249.	1.0	54
131	Monitoring and Evaluation of Terni (Central Italy) Air Quality through Spatially Resolved Analyses. <i>Proceedings (mdpi)</i> , 2017, 1, 680.	0.2	0
132	Oxidative Potential of Selected PM Components. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	10
133	Exposure to individual and multiple carcinogenic metals during paediatric age: an experience from an Italian urban scenario. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2017, 29, 494-503.	0.5	6
134	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
135	Assessing the contribution of water to the mass closure of PM10. <i>Atmospheric Environment</i> , 2016, 140, 555-564.	1.9	20
136	Shotgun proteomic analysis of soybean embryonic axes during germination under salt stress. <i>Proteomics</i> , 2016, 16, 1537-1546.	1.3	21
137	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
138	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
139	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
140	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
141	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
142	Improved Time-Resolved Measurements of Inorganic Ions in Particulate Matter by PILS-IC Integrated with a Sample Pre-Concentration System. <i>Aerosol Science and Technology</i> , 2015, 49, 521-530.	1.5	6
143	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
144	Surface chemistry and serum type both determine the nanoparticle “protein corona. <i>Journal of Proteomics</i> , 2015, 119, 209-217.	1.2	75

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145	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
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