Silvia Canepari

List of Publications by Year in Descending Order

204 papers	4,258 citations	35 h-index	53 g-index
215 ext. papers	5,003 ext. citations	4.9 avg, IF	5.81 L-index

#	Paper	IF	Citations
204	Detailed investigation of the composition and transformations of phenolic compounds in fresh and fermented Vaccinium floribundum berry extracts by high-resolution mass spectrometry and bioinformatics.. *Phytochemical Analysis*, **2022**,	3.4	2
203	Diversity and Source of Airborne Microbial Communities at Differential Polluted Sites of Rome. *Atmosphere*, **2022**, 13, 224	2.7	4
202	Biomonitoring of element contamination in bees and beehive products in the Rome province (Italy).. *Environmental Science and Pollution Research*, **2022**, 1	5.1	1
201	Effects of COVID-19 lockdown on PM10 composition and sources in the Rome Area (Italy) by elements' chemical fractionation-based source apportionment. *Atmospheric Research*, **2022**, 266, 105970	5.4	2
200	Effects of operating conditions on PM oxidative potential assays. *Atmospheric Environment*, **2022**, 268, 118802	5.3	2
199	Comprehensive biomarker profiles and chemometric filtering of urinary metabolomics for effective discrimination of prostate carcinoma from benign hyperplasia.. *Scientific Reports*, **2022**, 12, 4361	4.9	
198	Simple and efficient method to detach intact PM10 from field filters: Elements recovery assessment. *Atmospheric Pollution Research*, **2022**, 13, 101417	4.5	
197	Assessment of the link between atmospheric dispersion and chemical composition of PM at 2-h time resolution.. *Chemosphere*, **2022**, 298, 134272	8.4	
196	A New Method for the Assessment of the Oxidative Potential of Both Water-Soluble and Insoluble PM. *Atmosphere*, **2022**, 13, 349	2.7	1
195	On the Redox-Activity and Health-Effects of Atmospheric Primary and Secondary Aerosol: Phenomenology. *Atmosphere*, **2022**, 13, 704	2.7	1
194	Biomonitoring of Exposure to Urban Pollutants and Oxidative Stress during the COVID-19 Lockdown in Rome Residents. *Toxics*, **2022**, 10, 267	4.7	1
193	Fully Automatized Detection of Phosphocholine-Containing Lipids through an Isotopically Labeled Buffer Modification Workflow. *Analytical Chemistry*, **2021**, 93, 15042-15048	7.8	1
192	Multielement Characterization and Antioxidant Activity of Italian Extra-Virgin Olive Oils. *Frontiers in Chemistry*, **2021**, 9, 769620	5	2
191	High-Resolution Mass Spectrometry and Chemometrics for the Detailed Characterization of Short Endogenous Peptides in Milk By-Products. *Molecules*, **2021**, 26,	4.8	1
190	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. *Processes*, **2021**, 9, 536	2.9	2
189	Andean Blueberry of the Genus Disterigma: A High-Resolution Mass Spectrometric Approach for the Comprehensive Characterization of Phenolic Compounds. *Separations*, **2021**, 8, 58	3.1	7
188	Determination of 40 Elements in Powdered Infant Formulas and Related Risk Assessment. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3

187	Production and Characterization of Medium-Sized and Short Antioxidant Peptides from Soy Flour-Simulated Gastrointestinal Hydrolysate. *Antioxidants*, **2021**, 10,	7.1	6
186	In-depth cannabis fatty acid profiling by ultra-high performance liquid chromatography coupled to high resolution mass spectrometry. *Talanta*, **2021**, 228, 122249	6.2	1
185	Profiling and quantitative analysis of underivatized fatty acids in Chlorella vulgaris microalgae by liquid chromatography-high resolution mass spectrometry. *Journal of Separation Science*, **2021**, 44, 3041-3051	3.4	2
184	Urban trees for biomonitoring atmospheric particulate matter: An integrated approach combining plant functional traits, magnetic and chemical properties. *Ecological Indicators*, **2021**, 126, 107707	5.8	13
183	Lichen transplants for high spatial resolution biomonitoring of Persistent Organic Pollutants (POPs) in a multi-source polluted area of Central Italy. *Ecological Indicators*, **2021**, 120, 106921	5.8	2
182	A rapid and innovative extraction and enrichment method for the metaproteomic characterization of dissolved organic matter in groundwater samples. *Journal of Separation Science*, **2021**, 44, 1612-1620	3.4	
181	Comprehensive identification of native medium-sized and short bioactive peptides in sea bass muscle. *Food Chemistry*, **2021**, 343, 128443	8.5	7
180	Degradation of the polar lipid and fatty acid molecular species in extra virgin olive oil during storage based on shotgun lipidomics. *Journal of Chromatography A*, **2021**, 1639, 461881	4.5	5
179	Seasonal Variations in the Chemical Composition of Indoor and Outdoor PM10 in University Classrooms. *Sustainability*, **2021**, 13, 2263	3.6	3
178	An Analytical Method for the Biomonitoring of Mercury in Bees and Beehive Products by Cold Vapor Atomic Fluorescence Spectrometry. *Molecules*, **2021**, 26,	4.8	2
177	Phytocannabinomics: Untargeted metabolomics as a tool for cannabis chemovar differentiation. *Talanta*, **2021**, 230, 122313	6.2	9
176	Reusable Water Bottles: Release of Inorganic Elements, Phthalates, and Bisphenol A in a Real Use Simulation Experiment. *Separations*, **2021**, 8, 126	3.1	0
175	Indoor air quality in a domestic environment: Combined contribution of indoor and outdoor PM sources. *Building and Environment*, **2021**, 202, 108050	6.5	6
174	Recent applications of mass spectrometry for the characterization of cannabis and hemp phytocannabinoids: From targeted to untargeted analysis. *Journal of Chromatography A*, **2021**, 1655, 462492	4.5	12
173	Identification and spatial mapping of tracers of PM10 emission sources using a high spatial resolution distributed network in an urban setting. *Atmospheric Research*, **2021**, 262, 105771	5.4	2
172	Targeted and untargeted characterization of underivatized policosanols in hemp inflorescence by liquid chromatography-high resolution mass spectrometry. *Talanta*, **2021**, 235, 122778	6.2	1
171	Identification and Quantification of Polycyclic Aromatic Hydrocarbons in Polyhydroxyalkanoates Produced from Mixed Microbial Cultures and Municipal Organic Wastes at Pilot Scale. *Molecules*, **2021**, 26,	4.8	3
170	Integrated Evaluation of Indoor Particulate Exposure: The VIEPI Project. *Sustainability*, **2020**, 12, 9758	3.6	20

169	Gaining knowledge on source contribution to aerosol optical absorption properties and organics by receptor modelling. *Atmospheric Environment*, **2020**, 243, 117873	5.3	6
168	Urinary Mercury Levels and Predictors of Exposure among a Group of Italian Children. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	2
167	Urinary Oxidative Stress Biomarkers in Workers of a Titanium Dioxide Based Pigment Production Plant. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	3
166	Development of a Sample-Preparation Workflow for Sulfopeptide Enrichment: From Target Analysis to Challenges in Shotgun Sulfoproteomics. *Analytical Chemistry*, **2020**, 92, 7964-7971	7.8	5
165	Fungi and Arsenic: Tolerance and Bioaccumulation by Soil Saprotrophic Species. *Applied Sciences (Switzerland)*, **2020**, 10, 3218	2.6	6
164	Chemical Composition of PM10 in 16 Urban, Industrial and Background Sites in Italy. *Atmosphere*, **2020**, 11, 479	2.7	10
163	Ultrafine Particle Features Associated with Pro-Inflammatory and Oxidative Responses: Implications for Health Studies. *Atmosphere*, **2020**, 11, 414	2.7	7
162	Comparative elemental analysis of dairy milk and plant-based milk alternatives. *Food Control*, **2020**, 116, 107327	6.2	27
161	Biomonitoring of Mercury in Hair among a Group of Eritreans (Africa). *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	5
160	A new rapid treatment of human hair for elemental determination by inductively coupled mass spectrometry. *Analytical Methods*, **2020**, 12, 1906-1918	3.2	26
159	Oxidative Potential Associated with Urban Aerosol Deposited into the Respiratory System and Relevant Elemental and Ionic Fraction Contributions. *Atmosphere*, **2020**, 11, 6	2.7	10
158	Evaluation of the Efficiency of Arundo donax L. Leaves as Biomonitors for Atmospheric Element Concentrations in an Urban and Industrial Area of Central Italy. *Atmosphere*, **2020**, 11, 226	2.7	12
157	Untargeted Characterization of Chestnut (Mill.) Shell Polyphenol Extract: A Valued Bioresource for Prostate Cancer Cell Growth Inhibition. *Molecules*, **2020**, 25,	4.8	11
156	Improved identification of phytocannabinoids using a dedicated structure-based workflow. *Talanta*, **2020**, 219, 121310	6.2	16
155	Elemental concentration and migratability in bioplastics derived from organic waste. *Chemosphere*, **2020**, 259, 127472	8.4	13
154	Spatial distribution of levoglucosan and alternative biomass burning tracers in atmospheric aerosols, in an urban and industrial hot-spot of Central Italy. *Atmospheric Research*, **2020**, 239, 104904	5.4	13
153	Comparison Study between Indoor and Outdoor Chemical Composition of PM2.5 in Two Italian Areas. *Atmosphere*, **2020**, 11, 368	2.7	3
152	High resolution spatial mapping of element concentrations in PM10: A powerful tool for localization of emission sources. *Atmospheric Research*, **2020**, 244, 105060	5.4	13

151	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. *Food Chemistry*, **2020**, 310, 125860	8.5	13
150	A new software-assisted analytical workflow based on high-resolution mass spectrometry for the systematic study of phenolic compounds in complex matrices. *Talanta*, **2020**, 209, 120573	6.2	27
149	Occupational Exposure Assessment of Major and Trace Elements in Human Scalp Hair Among a Group of Eritrean Workers. *Biological Trace Element Research*, **2020**, 197, 89-100	4.5	7
148	A clean-up strategy for identification of circulating endogenous short peptides in human plasma by zwitterionic hydrophilic liquid chromatography and untargeted peptidomics identification. *Journal of Chromatography A*, **2020**, 1613, 460699	4.5	4
147	Assessment of the effects of atmospheric pollutants using the animal model Caenorhabditis elegans. *Environmental Research*, **2020**, 191, 110209	7.9	4
146	Effectiveness of Different Sample Treatments for the Elemental Characterization of Bees and Beehive Products. *Molecules*, **2020**, 25,	4.8	13
145	Spatial mapping and size distribution of oxidative potential of particulate matter released by spatially disaggregated sources. *Environmental Pollution*, **2020**, 266, 115271	9.3	12
144	Element Levels and Predictors of Exposure in the Hair of Ethiopian Children. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	5
143	High spatial resolution analysis of polybrominated diphenyl ethers (PBDEs) using transplanted lichen Evernia prunastri: A case study in central Italy. *Science of the Total Environment*, **2020**, 742, 140590	10.2	
142	Airborne Aerosols and Human Health: Leapfrogging from Mass Concentration to Oxidative Potential. *Atmosphere*, **2020**, 11, 917	2.7	17
141	Identification and Antimicrobial Activity of Medium-Sized and Short Peptides from Yellowfin Tuna () Simulated Gastrointestinal Digestion. *Foods*, **2020**, 9,	4.9	11
140	Association between the Concentration and the Elemental Composition of Outdoor PM2.5 and Respiratory Diseases in Schoolchildren: A Multicenter Study in the Mediterranean Area. *Atmosphere* , **2020**, 11, 1290	2.7	0
139	A comprehensive analysis of liposomal biomolecular corona upon human plasma incubation: The evolution towards the lipid corona. *Talanta*, **2020**, 209, 120487	6.2	11
138	A Novel Magnetic Molecular Imprinted Polymer for Selective Extraction of Zearalenone from Cereal Flours before Liquid Chromatography-Tandem Mass Spectrometry Determination. *Toxins*, **2019**, 11,	4.9	9
137	Potential of PM-selected components to induce oxidative stress and root system alteration in a plant model organism. *Environment International*, **2019**, 132, 105094	12.9	15
136	Simple and rapid method for the determination of mercury in human hair by cold vapour generation atomic fluorescence spectrometry. *Microchemical Journal*, **2019**, 150, 104186	4.8	13
135	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. *Atmospheric Environment*, **2019**, 213, 444-455	5.3	13
134	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. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 3395-3404	4.4	19

133	Recent Applications of Magnetic Solid-phase Extraction for Sample Preparation. *Chromatographia*, **2019**, 82, 1251-1274	2.1	52
132	"2 Analytical Platform" To Update Procedures in Thanatochemistry: Estimation of Post Mortem Interval in Vitreous Humor. *Analytical Chemistry*, **2019**, 91, 7025-7031	7.8	14
131	A Triple Quadrupole and a Hybrid Quadrupole Orbitrap Mass Spectrometer in Comparison for Polyphenol Quantitation. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 4885-4896	5.7	11
130	Investigation of free and conjugated seleno-amino acids in wheat bran by hydrophilic interaction liquid chromatography with tandem mass spectrometry. *Journal of Separation Science*, **2019**, 42, 1938-1947	3.4	2
129	Biomass burning contribution to PM concentration in Rome (Italy): Seasonal, daily and two-hourly variations. *Chemosphere*, **2019**, 222, 839-848	8.4	18
128	Lichen transplants as indicators of atmospheric element concentrations: a high spatial resolution comparison with PM10 samples in a polluted area (Central Italy). *Ecological Indicators*, **2019**, 101, 759-769	5.8	27
127	Graphitized Carbon Black Enrichment and UHPLC-MS/MS Allow to Meet the Challenge of Small Chain Peptidomics in Urine. *Analytical Chemistry*, **2019**, 91, 11474-11481	7.8	17
126	Enrichment procedure based on graphitized carbon black and liquid chromatography-high resolution mass spectrometry for elucidating sulfolipids composition of microalgae. *Talanta*, **2019**, 205, 120162	6.2	8
125	Development of an Analytical Method for the Metaproteomic Investigation of Bioaerosol from Work Environments. *Proteomics*, **2019**, 19, e1900152	4.8	1
124	A prophylactic multi-strain probiotic treatment to reduce the absorption of toxic elements: In-vitro study and biomonitoring of breast milk and infant stools. *Environment International*, **2019**, 130, 104818	12.9	26
123	A combined chemical/size fractionation approach to study winter/summer variations, ageing and source strength of atmospheric particles. *Environmental Pollution*, **2019**, 253, 19-28	9.3	16
122	Effect of shell structure of Ti-immobilized metal ion affinity chromatography core-shell magnetic particles for phosphopeptide enrichment. *Scientific Reports*, **2019**, 9, 15782	4.9	4
121	Performance Evaluation of a Very-low-volume Sampler for Atmospheric Particulate Matter. *Aerosol and Air Quality Research*, **2019**, 19, 2160-2172	4.6	9
120	Liposome protein corona characterization as a new approach in nanomedicine. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 4313-4326	4.4	19
119	Application of DPPH Assay for Assessment of Particulate Matter Reducing Properties. *Atmosphere*, **2019**, 10, 816	2.7	13
118	Food Waste Materials as Low-Cost Adsorbents for the Removal of Volatile Organic Compounds from Wastewater. *Materials*, **2019**, 12,	3.5	4
117	Indoor air quality in schools of a highly polluted south Mediterranean area. *Indoor Air*, **2019**, 29, 276-290	5.4	23
116	Sensitive untargeted identification of short hydrophilic peptides by high performance liquid chromatography on porous graphitic carbon coupled to high resolution mass spectrometry. *Journal of Chromatography A*, **2019**, 1590, 73-79	4.5	20

115	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. *Food Chemistry*, **2019**, 278, 17-25	8.5	4
114	An inclusive view of Saharan dust advections to Italy and the Central Mediterranean. *Atmospheric Environment*, **2019**, 201, 242-256	5.3	22
113	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. *Science of the Total Environment*, **2019**, 653, 1192-1203	10.2	19
112	Saliva as a source of new phosphopeptide biomarkers: Development of a comprehensive analytical method based on shotgun peptidomics. *Talanta*, **2018**, 183, 245-249	6.2	15
111	Peptidomic strategy for purification and identification of potential ACE-inhibitory and antioxidant peptides in Tetradesmus obliquus microalgae. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 3573-3586	4.4	58
110	Relationship between domestic smoking and metals and rare earth elements concentration in indoor PM. *Environmental Research*, **2018**, 165, 71-80	7.9	38
109	Multi-elemental analysis of particulate matter samples collected by a particle-into-liquid sampler. *Atmospheric Pollution Research*, **2018**, 9, 747-754	4.5	12
108	Recent trends and analytical challenges in plant bioactive peptide separation, identification and validation. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 3425-3444	4.4	66
107	Urinary reference ranges and exposure profile for lithium among an Italian paediatric population. *Science of the Total Environment*, **2018**, 619-620, 58-64	10.2	16
106	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. *Talanta*, **2018**, 179, 792-802	6.2	26
105	Development of an enrichment method for endogenous phosphopeptide characterization in human serum. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 1177-1185	4.4	20
104	Label-Free Shotgun Proteomics Approach to Characterize Muscle Tissue from Farmed and Wild European Sea Bass (Dicentrarchus labrax). *Food Analytical Methods*, **2018**, 11, 292-301	3.4	9
103	New Ti-IMAC magnetic polymeric nanoparticles for phosphopeptide enrichment from complex real samples. *Talanta*, **2018**, 178, 274-281	6.2	33
102	Influence of advanced wood-fired appliances for residential heating on indoor air quality. *Chemosphere*, **2018**, 211, 62-71	8.4	17
101	Efficiency Evaluation of Food Waste Materials for the Removal of Metals and Metalloids from Complex Multi-Element Solutions. *Materials*, **2018**, 11,	3.5	26
100	Optimization and validation of a fast digestion method for the determination of major and trace elements in breast milk by ICP-MS. *Analytica Chimica Acta*, **2018**, 1040, 49-62	6.6	35
99	Simultaneous Preconcentration, Identification, and Quantitation of Selenoamino Acids in Oils by Enantioselective High Performance Liquid Chromatography and Mass Spectrometry. *Analytical Chemistry*, **2018**, 90, 8326-8330	7.8	6
98	Extraction of polycyclic aromatic hydrocarbons from polyhydroxyalkanoates before gas chromatography/mass spectrometry analysis. *Talanta*, **2018**, 188, 671-675	6.2	12

97	Release of particles, organic compounds, and metals from crumb rubber used in synthetic turf under chemical and physical stress. *Environmental Science and Pollution Research*, **2018**, 25, 1448-1459	5.1	25
96	Liquid Chromatographic Strategies for Separation of Bioactive Compounds in Food Matrices. *Molecules*, **2018**, 23,	4.8	10
95	Delving into the Polar Lipidome by Optimized Chromatographic Separation, High-Resolution Mass Spectrometry, and Comprehensive Identification with Lipostar: Microalgae as Case Study. *Analytical Chemistry*, **2018**, 90, 12230-12238	7.8	14
94	Characterization of Italian multifloral honeys on the basis of their mineral content and some typical quality parameters. *Journal of Food Composition and Analysis*, **2018**, 74, 102-113	4.1	37
93	Oxidative potential of size-segregated PM in an urban and an industrial area of Italy. *Atmospheric Environment*, **2018**, 187, 292-300	5.3	42
92	In-vivo assesment of the genotoxic and oxidative stress effects of particulate matter on Echinogammarus veneris. *Chemosphere*, **2017**, 173, 124-134	8.4	10
91	Comprehensive polyphenol profiling of a strawberry extract (Fragaria ananassa) by ultra-high-performance liquid chromatography coupled with high-resolution mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 2127-2142	4.4	31
90	Profiling of selenium absorption and accumulation in healthy subjects after prolonged L-selenomethionine supplementation. *Journal of Endocrinological Investigation*, **2017**, 40, 1183-1190	5.2	20
89	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. *Atmospheric Environment*, **2017**, 161, 288-305	5.3	27
88	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. *Journal of Separation Science*, **2017**, 40, 2541-2557	3.4	15
87	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. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 4181-4194	4.4	22
86	A multidimensional liquid chromatography-tandem mass spectrometry platform to improve protein identification in high-throughput shotgun proteomics. *Journal of Chromatography A*, **2017**, 1498, 176-182	4.5	9
85	Liquid chromatography-high resolution mass spectrometry for the analysis of phytochemicals in vegetal-derived food and beverages. *Food Research International*, **2017**, 100, 28-52	7	43
84	Semiautomatic sequential extraction of polycyclic aromatic hydrocarbons and elemental bio-accessible fraction by accelerated solvent extraction on a single particulate matter sample. *Talanta*, **2017**, 174, 838-844	6.2	21
83	A Rapid Magnetic Solid Phase Extraction Method Followed by Liquid Chromatography-Tandem Mass Spectrometry Analysis for the Determination of Mycotoxins in Cereals. *Toxins*, **2017**, 9,	4.9	23
82	Monitoring and Evaluation of Terni (Central Italy) Air Quality through Spatially Resolved Analyses. *Atmosphere*, **2017**, 8, 200	2.7	16
81	First Results of the Carbonaceous Aerosol in Rome and Environs (CARE) Experiment: Beyond Current Standards for PM10. *Atmosphere*, **2017**, 8, 249	2.7	42
80	Monitoring and Evaluation of Terni (Central Italy) Air Quality through Spatially Resolved Analyses. *Proceedings (mdpi)*, **2017**, 1, 680	0.3	

79	Oxidative Potential of Selected PM Components. *Proceedings (mdpi)*, **2017**, 1, 108	0.3	7
78	Exposure to individual and multiple carcinogenic metals during paediatric age: an experience from an Italian urban scenario. *Annali Di Igiene: Medicina Preventiva E Di Comunita*, **2017**, 29, 494-503	0.9	4
77	Effects of high Zn and Pb concentrations on Phragmites australis (Cav.) Trin. Ex. Steudel: Photosynthetic performance and metal accumulation capacity under controlled conditions. *International Journal of Phytoremediation*, **2016**, 18, 16-24	3.9	27
76	Mycoestrogen determination in cow milk: Magnetic solid-phase extraction followed by liquid chromatography and tandem mass spectrometry analysis. *Journal of Separation Science*, **2016**, 39, 4794-4804	3.4	12
75	Assessing the contribution of water to the mass closure of PM10. *Atmospheric Environment*, **2016**, 140, 555-564	5.3	17
74	Shotgun proteomic analysis of soybean embryonic axes during germination under salt stress. *Proteomics*, **2016**, 16, 1537-46	4.8	17
73	Chemical characterization of indoor and outdoor fine particulate matter in an occupied apartment in Rome, Italy. *Indoor Air*, **2016**, 26, 558-70	5.4	31
72	Recent trends in the analysis of bioactive peptides in milk and dairy products. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 2677-85	4.4	100
71	Urinary levels of trace elements among primary school-aged children from Italy: The contribution of smoking habits of family members. *Science of the Total Environment*, **2016**, 557-558, 378-85	10.2	33
70	Particulate matter concentration and chemical composition in the metro system of Rome, Italy. *Environmental Science and Pollution Research*, **2015**, 22, 9204-14	5.1	27
69	Surface chemistry and serum type both determine the nanoparticle-protein corona. *Journal of Proteomics*, **2015**, 119, 209-17	3.9	65
68	Identification of potential bioactive peptides generated by simulated gastrointestinal digestion of soybean seeds and soy milk proteins. *Journal of Food Composition and Analysis*, **2015**, 44, 205-213	4.1	96
67	Chromatographic Methods Coupled to Mass Spectrometry Detection for the Determination of Phenolic Acids in Plants and Fruits. *Journal of Liquid Chromatography and Related Technologies*, **2015**, 38, 353-370	1.3	22
66	Development of a Rapid LC-MS/MS Method for the Determination of Emerging Fusarium mycotoxins Enniatins and Beauvericin in Human Biological Fluids. *Toxins*, **2015**, 7, 3554-71	4.9	32
65	Improved Time-Resolved Measurements of Inorganic Ions in Particulate Matter by PILS-IC Integrated with a Sample Pre-Concentration System. *Aerosol Science and Technology*, **2015**, 49, 521-530	3.4	5
64	Heterosis profile of sunflower leaves: a label free proteomics approach. *Journal of Proteomics*, **2014**, 99, 101-10	3.9	29
63	Microporous and mesoporous materials for the treatment of wastewater produced by petrochemical activities. *Journal of Cleaner Production*, **2014**, 77, 22-34	10.3	36
62	Comparison of extraction methods for the identification and quantification of polyphenols in virgin olive oil by ultra-HPLC-QToF mass spectrometry. *Food Chemistry*, **2014**, 158, 392-400	8.5	62

61	Multiclass analysis of mycotoxins in biscuits by high performance liquid chromatography-tandem mass spectrometry. Comparison of different extraction procedures. *Journal of Chromatography A*, **2014**, 1343, 69-78	4.5	47
60	Comparative analysis of metabolic proteome variation in ascorbate-primed and unprimed wheat seeds during germination under salt stress. *Journal of Proteomics*, **2014**, 108, 238-57	3.9	50
59	Seasonal variations in the chemical composition of particulate matter: a case study in the Po Valley. Part I: macro-components and mass closure. *Environmental Science and Pollution Research*, **2014**, 21, 3999-4009	5.1	86
58	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. *Environmental Science and Pollution Research*, **2014**, 21, 4010-22	5.1	52
57	Analytical Methods for Characterizing the Nanoparticle Protein Corona. *Chromatographia*, **2014**, 77, 755-769	2.1	50
56	Dissolution of glass wool, rock wool and alkaline earth silicate wool: morphological and chemical changes in fibers. *Regulatory Toxicology and Pharmacology*, **2014**, 70, 393-406	3.4	23
55	In situ physical and chemical characterisation of the Eyjafjallajökull aerosol plume in the free troposphere over Italy. *Atmospheric Chemistry and Physics*, **2014**, 14, 1075-1092	6.8	11
54	Sources of PM in an Industrial Area: Comparison between Receptor Model Results and Semiempirical Calculations of Source Contributions. *Aerosol and Air Quality Research*, **2014**, 14, 1558-1572	4.6	25
53	Effect of DOPE and cholesterol on the protein adsorption onto lipid nanoparticles. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	27
52	Comprehensive profiling of carotenoids and fat-soluble vitamins in milk from different animal species by LC-DAD-MS/MS hyphenation. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 1628-39	5.7	60
51	Seasonal variations in the concentration and solubility of elements in atmospheric particulate matter: a case study in Northern Italy. *E3S Web of Conferences*, **2013**, 1, 20002	0.5	2
50	Extraction and analysis of fungal spore biomarkers in atmospheric bioaerosol by HPLC-MS-MS and GC-MS. *Talanta*, **2013**, 105, 142-51	6.2	19
49	Qualitative and quantitative determination of water in airborne particulate matter. *Atmospheric Chemistry and Physics*, **2013**, 13, 1193-1202	6.8	21
48	Comparing the Performance of Teflon and Quartz Membrane Filters Collecting Atmospheric PM: Influence of Atmospheric Water. *Aerosol and Air Quality Research*, **2013**, 13, 137-147	4.6	29
47	Elemental Concentration in Atmospheric Particulate Matter: Estimation of Nanoparticle Contribution. *Aerosol and Air Quality Research*, **2013**, 13, 1619-1629	4.6	18
46	Thermal stability of inorganic and organic compounds in atmospheric particulate matter. *Atmospheric Environment*, **2012**, 54, 36-43	5.3	37
45	Monitoring heavy metal pollution by aquatic plants: a systematic study of copper uptake. *Environmental Science and Pollution Research*, **2012**, 19, 3292-8	5.1	9
44	Multiparametric approach for an exemplary study of laser printer emissions. *Journal of Environmental Monitoring*, **2012**, 14, 446-54		13

43	Determination of Sb(III), Sb(V) and identification of Sb-containing nanoparticles in airborne particulate matter. *Procedia Environmental Sciences*, **2011**, 4, 209-217		13
42	Chemical characterization of atmospheric PM in Delhi, India, during different periods of the year including Diwali festival. *Atmospheric Pollution Research*, **2011**, 2, 418-427	4.5	126
41	Rapid Resolution Liquid chromatography/High Resolution Tandem Mass Spectrometry to Characterize Metabolic Changes in Subjects Involved in MARS500 Project. *Chromatographia*, **2011**, 73, 45-53	2.1	2
40	Comparison of extracting solutions for elemental fractionation in airborne particulate matter. *Talanta*, **2010**, 82, 834-44	6.2	37
39	Relevance of Sb(III), Sb(V), and Sb-containing nano-particles in urban atmospheric particulate matter. *Analytical and Bioanalytical Chemistry*, **2010**, 397, 2533-42	4.4	22
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