

Pasquale Avino

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

151
papers

2,852
citations

31
h-index

45
g-index

163
ext. papers

3,264
ext. citations

4.2
avg, IF

5.58
L-index

#	Paper	IF	Citations
151	PM Dimensional Characterization in an Urban Mediterranean Area: Case Studies on the Separation between Fine and Coarse Atmospheric Aerosol. <i>Atmosphere</i> , 2022 , 13, 227	2.7	0
150	PAHs presence and source apportionment in honey samples: Fingerprint identification of rural and urban contamination by means of chemometric approach.. <i>Food Chemistry</i> , 2022 , 382, 132361	8.5	5
149	Review of the Analytical Methods Based on HPLC-Electrochemical Detection Coupling for the Evaluation of Organic Compounds of Nutritional and Environmental Interest. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , 2022 , 3, 54-78	1.4	0
148	Dataset of PAHs determined in home-made honey samples collected in Central Italy by means of DLLME-GC-MS and cluster analysis for studying the source apportionment.. <i>Data in Brief</i> , 2022 , 42, 108136	1.2	0
147	Honeybees as Bioindicators of Heavy Metal Pollution in Urban and Rural Areas in the South of Italy. <i>Atmosphere</i> , 2022 , 13, 624	2.7	5
146	Analytical Determination of Allergenic Fragrances in Indoor Air. <i>Separations</i> , 2022 , 9, 99	3.1	
145	Methodology for Determining Phthalate Residues by Ultrasound-Vortex-Assisted Dispersive Liquid-Liquid Microextraction and GC-IT/MS in Hot Drink Samples by Vending Machines. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , 2022 , 3, 213-227	1.4	
144	Fast and Reliable Determination of Phthalic Acid Esters in the Blood of Marine Turtles by Means of Solid Phase Extraction Coupled with Gas Chromatography-Ion Trap/Mass Spectrometry. <i>Toxics</i> , 2021 , 9,	4.7	2
143	Levels of Polychlorinated Dibenzo-p-Dioxins/Furans and Polychlorinated Biphenyls in Free-Range Hen Eggs in Central Italy and Estimated Human Dietary Exposure. <i>Journal of Food Protection</i> , 2021 , 84, 1455-1462	2.5	6
142	Determination of 40 Elements in Powdered Infant Formulas and Related Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
141	Fast and Reliable Multiresidue Analysis of Aromas in Wine by Means of Gas Chromatography Coupled with Triple Quadrupole Mass Spectrometry. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , 2021 , 2, 38-49	1.4	1
140	Ultrafine particle emission from floor cleaning products. <i>Indoor Air</i> , 2021 , 31, 63-73	5.4	10
139	Persistent Organic Pollutants and Metals in Atmospheric Deposition Rates around the Port-Industrial Area of Civitavecchia, Italy. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1827	2.6	2
138	Halogenated Volatile Organic Compounds in Water Samples and Inorganic Elements Levels in Ores for Characterizing a High Anthropogenic Polluted Area in the Northern Latium Region (Italy). <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
137	Reusable Water Bottles: Release of Inorganic Elements, Phthalates, and Bisphenol A in a Real Use Simulation Experiment. <i>Separations</i> , 2021 , 8, 126	3.1	0
136	Comparison of Two Extraction Procedures, SPE and DLLME, for Determining Plasticizer Residues in Hot Drinks at Vending Machines. <i>Processes</i> , 2021 , 9, 1588	2.9	1
135	Weekly and Longitudinal Element Variability in Hair Samples of Subjects Non-Occupationally Exposed. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1236	2.6	0

134	Critical review of the analytical methods for determining the mycotoxin patulin in food matrices. <i>Reviews in Analytical Chemistry</i> , 2021 , 40, 144-160	2.3	3
133	Size resolved aerosol respiratory doses in a Mediterranean urban area: From PM to ultrafine particles. <i>Environment International</i> , 2020 , 141, 105714	12.9	14
132	Analytical Method Development and Chemometric Approach for Evidencing Presence of Plasticizer Residues in Nectar Honey Samples. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
131	Analytical Scheme for Simultaneous Determination of Phthalates and Bisphenol A in Honey Samples Based on Dispersive Liquid-Liquid Microextraction Followed by GC-IT/MS. Effect of the Thermal Stress on PAE/BP-A Levels. <i>Methods and Protocols</i> , 2020 , 3,	2.5	4
130	Oxidative Potential Associated with Urban Aerosol Deposited into the Respiratory System and Relevant Elemental and Ionic Fraction Contributions. <i>Atmosphere</i> , 2020 , 11, 6	2.7	10
129	PM10 and PM2.5 Qualitative Source Apportionment Using Selective Wind Direction Sampling in a Port-Industrial Area in Civitavecchia, Italy. <i>Atmosphere</i> , 2020 , 11, 94	2.7	11
128	Impact of Electronic Alternatives to Tobacco Cigarettes on Indoor Air Particular Matter Levels. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	12
127	Deep Inorganic Fraction Characterization of PM10, PM2.5, and PM1 in an Industrial Area Located in Central Italy by Means of Instrumental Neutron Activation Analysis. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2532	2.6	2
126	Indoor Air Quality: A Focus on the European Legislation and State-of-the-Art Research in Italy. <i>Atmosphere</i> , 2020 , 11, 370	2.7	36
125	Indoor Air Quality Levels in Schools: Role of Student Activities and No Activities. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	10
124	Submicron and Ultrafine Particles in Downtown Rome: How the Different Euro Engines Have Influenced Their Behavior for Two Decades. <i>Atmosphere</i> , 2020 , 11, 894	2.7	3
123	Comparative Indoor Pollution from Glo, Iqos, and Juul, Using Traditional Combustion Cigarettes as Benchmark: Evidence from the Randomized SUR-VAPES AIR Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
122	Determination of Non-Steroidal Anti-Inflammatory Drugs in Animal Urine Samples by Ultrasound Vortex-Assisted Dispersive Liquid-Liquid Microextraction and Gas Chromatography Coupled to Ion Trap-Mass Spectrometry. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5441	2.6	4
121	Air quality assessment in different environmental scenarios by the determination of typical heavy metals and Persistent Organic Pollutants in native lichen <i>Xanthoria parietina</i> . <i>Environmental Pollution</i> , 2019 , 254, 113013	9.3	16
120	The inorganic fraction in e-liquids used in vapor products including e-cigarettes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019 , 322, 423-430	1.5	
119	Ultrafine particles and PM in the air of cities around the world: Are they representative of each other?. <i>Environment International</i> , 2019 , 129, 118-135	12.9	57
118	Evaluation of the Submicron Particles Distribution Between Mountain and Urban Site: Contribution of the Transportation for Defining Environmental and Human Health Issues. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
117	Where Do Ultrafine Particles and Nano-Sized Particles Come From?. <i>Journal of Alzheimer's Disease</i> , 2019 , 68, 1371-1390	4.3	12

116	Analytical Method Validation for Determining Organophosphorus Pesticides in Baby Foods by a Modified Liquid-Liquid Microextraction Method and Gas Chromatography/On Trap/Mass Spectrometry Analysis. <i>Food Analytical Methods</i> , 2019 , 12, 41-50	3.4	10
115	Phthalates and Bisphenol-A Determination and Release from Different Beverage Plastic Containers by Dispersive Liquid-Liquid Microextraction and GC-IT/MS Analysis. <i>Food Analytical Methods</i> , 2019 , 12, 2562-2571	3.4	17
114	A Method Validation for Simultaneous Determination of Phthalates and Bisphenol A Released from Plastic Water Containers. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2945	2.6	22
113	The astonishing ⁶³ Ni radioactivity reduction in radioactive wastes by means of ultrasounds application. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	3
112	Machine Learning to Identify Gender via Hair Elements 2019 ,		1
111	The importance of measuring ultrafine particles in urban air quality monitoring in small cities. <i>Geographica Pannonica</i> , 2019 , 23, 347-358	1.9	5
110	Nanoparticle Behaviour in an Urban Street Canyon at Different Heights and Implications on Indoor Respiratory Doses. <i>Atmosphere</i> , 2019 , 10, 772	2.7	4
109	In vitro lung toxicity of indoor PM10 from a stove fueled with different biomasses. <i>Science of the Total Environment</i> , 2019 , 649, 1422-1433	10.2	27
108	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	10.2	19
107	Natural products such as adhesives in oil paintings. <i>Natural Product Research</i> , 2019 , 33, 956-969	2.3	1
106	Indoor exposure to particles emitted by biomass-burning heating systems and evaluation of dose and lung cancer risk received by population. <i>Environmental Pollution</i> , 2018 , 235, 65-73	9.3	27
105	Simultaneous determination of organophosphorus pesticides and phthalates in baby food samples by ultrasound-vortex-assisted liquid-liquid microextraction and GC-IT/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 3285-3296	4.4	20
104	Second-hand aerosol from tobacco and electronic cigarettes: Evaluation of the smoker emission rates and doses and lung cancer risk of passive smokers and vapers. <i>Science of the Total Environment</i> , 2018 , 642, 137-147	10.2	42
103	Reference Intervals for Urinary Cotinine Levels and the Influence of Sampling Time and Other Predictors on Its Excretion Among Italian Schoolchildren. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	8
102	Ultrafine particles in domestic environments: Regional doses deposited in the human respiratory system. <i>Environment International</i> , 2018 , 118, 134-145	12.9	17
101	A Comprehensive Review of Analytical Methods for Determining Persistent Organic Pollutants in Air, Soil, Water and Waste. <i>Current Organic Chemistry</i> , 2018 , 22, 939-953	1.7	9
100	Some Observations on the Role of Water States for Biological and Therapeutical Effects. <i>Innovative Biosystems and Bioengineering</i> , 2018 , 2, 149-162	0.7	
99	Phthalates and bisphenol-A residues in water samples: an innovative analytical approach. <i>Rendiconti Lincei</i> , 2018 , 29, 831-840	1.7	5

98	Environmental Electronic Vape Exposure from Four Different Generations of Electronic Cigarettes: Airborne Particulate Matter Levels. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	44
97	Is it the time to study air pollution effects under environmental conditions? A case study to support the shift of in vitro toxicology from the bench to the field. <i>Chemosphere</i> , 2018 , 207, 552-564	8.4	27
96	Traffic aerosol lobar doses deposited in the human respiratory system. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 13866-13873	5.1	32
95	Dynamic of submicrometer particles in urban environment. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 13908-13920	5.1	7
94	Electronic cigarettes: age-specific generation-resolved pulmonary doses. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 13068-13079	5.1	7
93	Temporal evolution of ultrafine particles and of alveolar deposited surface area from main indoor combustion and non-combustion sources in a model room. <i>Science of the Total Environment</i> , 2017 , 598, 1015-1026	10.2	41
92	New protocol based on high-volume sampling followed by DLLME-GC-IT/MS for determining PAHs at ultra-trace levels in surface water samples. <i>Microchemical Journal</i> , 2017 , 133, 251-257	4.8	30
91	PAH Residues in Honey by Ultrasound-Vortex-Assisted Liquid-Liquid Micro-Extraction Followed by GC-FID/IT-MS. <i>Food Analytical Methods</i> , 2017 , 10, 2132-2142	3.4	16
90	Second-hand smoke generated by combustion and electronic smoking devices used in real scenarios: Ultrafine particle pollution and age-related dose assessment. <i>Environment International</i> , 2017 , 107, 190-195	12.9	71
89	First Results of the Carbonaceous Aerosol in Rome and Environs (CARE) Experiment: Beyond Current Standards for PM10. <i>Atmosphere</i> , 2017 , 8, 249	2.7	42
88	Pedestrians in Traffic Environments: Ultrafine Particle Respiratory Doses. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	25
87	Benchmark study on fine-mode aerosol in a big urban area and relevant doses deposited in the human respiratory tract. <i>Environmental Pollution</i> , 2016 , 216, 530-537	9.3	29
86	Fast analysis of phthalates in freeze-dried baby foods by ultrasound-vortex-assisted liquid-liquid microextraction coupled with gas chromatography-ion trap/mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1474, 1-7	4.5	38
85	Sensitive multiresidue method by HS-SPME/GC-MS for 10 volatile organic compounds in urine matrix: a new tool for biomonitoring studies on children. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 5789-5800	4.4	16
84	The water supply of Rome: an almost unique case. <i>Rendiconti Lincei</i> , 2016 , 27, 67-81	1.7	2
83	Fast analysis of nine PAHs in beer by ultrasound-vortex-assisted dispersive liquid-liquid micro-extraction coupled with gas chromatography-ion trap mass spectrometry. <i>RSC Advances</i> , 2016 , 6, 13920-13927	3.7	16
82	Second-hand smoke exposure generated by new electronic devices (IQOS and e-cigs) and traditional cigarettes: submicron particle behaviour in human respiratory system. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2016 , 28, 109-12	0.9	19
81	Rapid and Reliable Method for Analyzing Acaricides in Honey-Based Products. <i>Food Analytical Methods</i> , 2016 , 9, 1675-1685	3.4	5

80	Measurement of organic and elemental carbon in downtown Rome and background area: physical behavior and chemical speciation. <i>Environmental Sciences: Processes and Impacts</i> , 2015 , 17, 300-15	4.3	10
79	Particle doses in the pulmonary lobes of electronic and conventional cigarette users. <i>Environmental Pollution</i> , 2015 , 202, 24-31	9.3	47
78	Extraction and GC-MS analysis of phthalate esters in food matrices: a review. <i>RSC Advances</i> , 2015 , 5, 37033-37043	3.7	6
77	A benchmark for numerical scheme validation of airborne particle exposure in street canyons. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 2051-63	5.1	22
76	Visible light caffeic acid degradation by carbon-doped titanium dioxide. <i>Langmuir</i> , 2015 , 31, 3627-34	4	36
75	Natural radioactivity as an easy and quick parameter for describing the dynamic of the Planetary Boundary Layer. <i>RSC Advances</i> , 2015 , 5, 57538-57549	3.7	6
74	Aerosol deposition doses in the human respiratory tree of electronic cigarette smokers. <i>Environmental Pollution</i> , 2015 , 196, 257-67	9.3	99
73	Physiological parameters affecting the hair element content of young Italian population. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 306, 737-743	1.5	2
72	Submicron Particles during Macro- and Micro-Weldings Procedures in Industrial Indoor Environments and Health Implications for Welding Operators. <i>Metals</i> , 2015 , 5, 1045-1060	2.3	11
71	Ultrafine Particles in Residential Indoors and Doses Deposited in the Human Respiratory System. <i>Atmosphere</i> , 2015 , 6, 1444-1461	2.7	18
70	Direct determination of halogenated POPs in aqueous samples by in-tube SPME, focalization and GC-ECD analysis. <i>RSC Advances</i> , 2015 , 5, 10418-10423	3.7	6
69	Ozone formation in relation with combustion processes in highly populated urban areas. <i>AIMS Environmental Science</i> , 2015 , 2, 764-781	1.9	3
68	Study of XAD-2 adsorbent for the enrichment of trace levels of phthalate esters in hydroalcoholic food beverages and analysis by gas chromatography coupled with flame ionization and ion-trap mass spectrometry detectors. <i>Food Chemistry</i> , 2014 , 146, 181-7	8.5	49
67	Rapid and simple determination of acrylamide in conventional cereal-based foods and potato chips through conversion to 3-[bis(trifluoroethanoyl)amino]-3-oxopropyl trifluoroacetate by gas chromatography coupled with electron capture and ion trap mass spectrometry detectors. <i>Food Chemistry</i> , 2014 , 146, 204-11	8.5	36
66	Ultrasound-vortex-assisted dispersive liquid-liquid microextraction coupled with gas chromatography with a nitrogen-phosphorus detector for simultaneous and rapid determination of organophosphorus pesticides and triazines in wine. <i>Analytical Methods</i> , 2014 , 6, 782-790	3.2	49
65	Trace determination of acaricides in honey samples using XAD-2 adsorbent and gas chromatography coupled with an ion trap mass spectrometer detector. <i>RSC Advances</i> , 2014 , 4, 42424-42431	3.7	11
64	Determination of phthalate esters at trace levels in light alcoholic drinks and soft drinks by XAD-2 adsorbent and gas chromatography coupled with ion trap-mass spectrometry detection. <i>Analytical Methods</i> , 2014 , 6, 7030	3.2	34
63	Mediterranean and Near East obsidian reference samples to establish artefacts provenance. <i>Heritage Science</i> , 2014 , 2,	2.5	4

62	Classification of an area as metallogenic province: environmental importance and problems. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 303, 1967	1.5	
61	Fast determination of phthalate ester residues in soft drinks and light alcoholic beverages by ultrasound/vortex assisted dispersive liquid-liquid microextraction followed by gas chromatography-ion trap mass spectrometry. <i>RSC Advances</i> , 2014 , 4, 59655-59663	3.7	38
60	Source identification of inorganic airborne particle fraction (PM ₁₀) at ultratrace levels by means of INAA short irradiation. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4527-38	5.1	13
59	Multivariate analysis applied to some elements in human fluids and whole bloods of hemodialysis patients determined by INAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 298, 1957-1968	1.5	4
58	Validation of a novel derivatization method for GC-ECD determination of acrylamide in food. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6137-41	4.4	21
57	Obsidian use in the mosaic of the St. Juvenal church, Narni (Italy): chemical characterization and origin. <i>Heritage Science</i> , 2013 , 1, 17	2.5	4
56	Influence of measurement frequency on the evaluation of short-term dose of sub-micrometric particles during indoor and outdoor generation events. <i>Atmospheric Environment</i> , 2013 , 67, 130-142	5.3	38
55	Instrumental neutron activation analysis and statistical approach for determining baseline values of essential and toxic elements in hairs of high school students. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 92, 206-14	7	32
54	Deep investigation on inorganic fraction of atmospheric PM in Mediterranean area by neutron and photon activation analysis. <i>Chemistry Central Journal</i> , 2013 , 7, 173		3
53	Evidence for the role of hydrophobic forces on the interactions of nucleotide-monophosphates with cationic liposomes. <i>Journal of Colloid and Interface Science</i> , 2013 , 410, 146-51	9.3	23
52	Rapid analysis of six phthalate esters in wine by ultrasound-vortex-assisted dispersive liquid-liquid micro-extraction coupled with gas chromatography-flame ionization detector or gas chromatography-ion trap mass spectrometry. <i>Analytica Chimica Acta</i> , 2013 , 769, 72-8	6.6	101
51	GC models for separation optimization in pressure-tuneable tandem capillary columns operated isothermally. Part 1: Theoretical aspects. <i>Journal of Separation Science</i> , 2013 , 36, 2260-7	3.4	6
50	Determination of interesting toxicological elements in PM ₁₀ by neutron and photon activation analysis. <i>Scientific World Journal, The</i> , 2013 , 2013, 458793	2.2	3
49	Dimensional and Chemical Characterization of Airborne Particles in Schools: Respiratory Effects in Children. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 887-900	4.6	23
48	Regional Deposition of Submicrometer Aerosol in the Human Respiratory System Determined at 1-s Time Resolution of Particle Size Distribution Measurements. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1702-1711	4.6	14
47	Fast evolution of urban ultrafine particles: Implications for deposition doses in the human respiratory system. <i>Atmospheric Environment</i> , 2012 , 51, 116-123	5.3	36
46	The determination and role of peroxyacetyl nitrate in photochemical processes in atmosphere. <i>Chemistry Central Journal</i> , 2012 , 6 Suppl 2, S8		8
45	Evaluation of an analytical method for determining phthalate esters in wine samples by solid-phase extraction and gas chromatography coupled with ion-trap mass spectrometer detector. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1373-81	4.4	69

44	Rare earth elements, thorium and uranium in ores of the North-Latium (Italy). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012 , 291, 163-168	1.5	18
43	Occupational exposure to airborne particles and other pollutants in an aviation base. <i>Environmental Pollution</i> , 2012 , 170, 78-87	9.3	20
42	Relevance of aerosol size spectrum analysis as support to qualitative source apportionment studies. <i>Environmental Pollution</i> , 2012 , 170, 43-51	9.3	22
41	Characterization and Identification of Natural Terpenic Resins employed in "Madonna con Bambino e Angeli" by Antonello da Messina using Gas Chromatography-Mass Spectrometry. <i>Chemistry Central Journal</i> , 2012 , 6, 59		14
40	Sampling of organophosphorus pesticides at trace levels in the atmosphere using XAD-2 adsorbent and analysis by gas chromatography coupled with nitrogen-phosphorus and ion-trap mass spectrometry detectors. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 1517-27	4.4	35
39	Chemical, dimensional and morphological ultrafine particle characterization from a waste-to-energy plant. <i>Waste Management</i> , 2011 , 31, 2253-62	8.6	57
38	Element assessment in whole blood, serum and urine of three Italian healthy sub-populations by INAA. <i>Microchemical Journal</i> , 2011 , 99, 548-555	4.8	28
37	Neutron activation analysis for investigating purity grade of copper, nickel and palladium thin films used in cold fusion experiments. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011 , 290, 427-436	1.5	8
36	Evaluation of different adsorbents for large-volume pre-concentration for analyzing atmospheric persistent organic pollutants at trace levels. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 3561-71	4.4	15
35	Ultra-trace nutritional and toxicological elements in Rome and Florence drinking waters determined by Instrumental Neutron Activation Analysis. <i>Microchemical Journal</i> , 2011 , 97, 144-153	4.8	32
34	Investigation on the Behavior of Pesticides in Atmosphere. <i>Aerosol and Air Quality Research</i> , 2011 , 11, 783-790	4.6	8
33	Deep Investigation of Ultrafine Particles in Urban Air. <i>Aerosol and Air Quality Research</i> , 2011 , 11, 654-663	4.6	23
32	Time-resolved measurement of the ionic fraction of atmospheric fine particulate matter. <i>Journal of Chromatographic Science</i> , 2010 , 48, 549-52	1.4	15
31	Radiochemical Separation and Anti-Compton Analysis of Ni, Sn, Te and Zn in Lead Standard Reference Materials at Ultra-Trace Levels. <i>Current Analytical Chemistry</i> , 2010 , 6, 217-222	1.7	8
30	Local air pollution and long range mass transport of atmospheric particulate matter: A comparative study of the temporal evolution of the aerosol size fractions. <i>Atmospheric Pollution Research</i> , 2010 , 1, 141-146	4.5	15
29	Dimensional and chemical characterization of particles at a downwind receptor site of a waste-to-energy plant. <i>Waste Management</i> , 2010 , 30, 1325-33	8.6	34
28	Characterization of a suspect nuclear fuel rod in a case of illegal international traffic of fissile material. <i>Forensic Science International</i> , 2010 , 199, e15-21	2.6	5
27	Multivariate Analysis Applied to Trace and Ultra-Trace Elements in Italian Potable Waters Determined by INAA. <i>Current Analytical Chemistry</i> , 2010 , 6, 26-36	1.7	10

26	Elemental characterization of impurities at trace and ultra-trace levels in metallurgical lead samples by INAA. <i>Microchemical Journal</i> , 2009 , 93, 188-194	4.8	22
25	Cyanopropyl Bonded-Phase Cartridges for Trace Enrichment of Dioxins and Chlorinated Pesticides from Water Samples. <i>Chromatographia</i> , 2009 , 69, 709-717	2.1	13
24	Aromatic Sulfur Compounds Enrichment from Seawater in Crude Oil Contamination by Solid Phase Extraction. <i>Current Analytical Chemistry</i> , 2009 , 5, 339-346	1.7	9
23	Ten-year measurements of gaseous pollutants in urban air by an open-path analyzer. <i>Atmospheric Environment</i> , 2008 , 42, 4138-4148	5.3	30
22	Identification of provenance of obsidian samples analyzing elemental composition by INAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008 , 278, 277-282	1.5	12
21	Investigation of trace and ultra-trace elements of nutritional and toxicological significance in Italian potable waters by INAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008 , 278, 353-357	1.5	9
20	Heavy metal determination in atmospheric particulate matter by Instrumental Neutron Activation Analysis. <i>Microchemical Journal</i> , 2008 , 88, 97-106	4.8	51
19	Short Capillary Traps in GC/C Tandem Systems for Direct Analysis of T2 Mycotoxin in Aqueous Samples. <i>Chromatographia</i> , 2007 , 66, 237-242	2.1	8
18	Influence of air pollution on chronic obstructive respiratory diseases: comparison between city (Rome) and hillcountry environments and climates. <i>Annali Di Chimica</i> , 2004 , 94, 629-35		12
17	Carbonaceous aerosol in the breathable particulate matter (PM10) in urban area. <i>Annali Di Chimica</i> , 2004 , 94, 647-53		6
16	Remote sensing measurements for evaluation of air quality in an urban area. <i>Annali Di Chimica</i> , 2004 , 94, 707-14		3
15	NH ₂ -SEP-PAK cartridges for enrichment of Aromatic Sulfur Compounds from sea water: determination by GC-FID and GC-MS. <i>Annali Di Chimica</i> , 2004 , 94, 741-9		3
14	Identification of halocarbons in the Tiber and Marta rivers by static headspace and liquid-liquid extraction analysis. <i>Journal of Separation Science</i> , 2003 , 26, 376-380	3.4	10
13	Use of different anticoagulants for HPLC separation and quantification of the free amino acid content of plasma. <i>Journal of Separation Science</i> , 2003 , 26, 392-396	3.4	4
12	Description of the carbonaceous particulate matter evolution in an urban area. <i>Annali Di Chimica</i> , 2003 , 93, 21-6		1
11	Interpretation of atmospheric pollution phenomena in relationship with the vertical atmospheric remixing by means of natural radioactivity measurements (radon) of particulate matter. <i>Annali Di Chimica</i> , 2003 , 93, 589-94		17
10	Determination of organophosphorus pesticide residues in human tissues by capillary gas chromatography-negative chemical ionization mass spectrometry analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 780, 431-41	3.2	45
9	Carbonaceous components in atmospheric aerosol: measurement procedures and characterization. <i>Annali Di Chimica</i> , 2002 , 92, 333-41		8

8	Free and total amino acid composition in blue-green algae. <i>Annali Di Chimica</i> , 2002 , 92, 343-52		11
7	Monoaromatic compounds in ambient air of various cities: a focus on correlations between the xylenes and ethylbenzene. <i>Atmospheric Environment</i> , 2001 , 35, 135-149	5.3	200
6	HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY INTERCOMPARATIVE STUDY FOR AMINO ACID ANALYSIS IN TWO TISSUES BY PITC- AND OPA-DERIVATIZATIONS. <i>Analytical Letters</i> , 2001 , 34, 867-882	2.2	5
5	DETERMINATION OF ATMOSPHERIC ORGANIC AND ELEMENTAL CARBON PARTICLE IN ROME WITH A THERMAL METHOD. <i>Analytical Letters</i> , 2001 , 34, 967-974	2.2	9
4	DETERMINATION OF 1,2,4- AND 1,3,5-TRICHLOROBENZENES IN WATER SAMPLES BY SOLID-PHASE EXTRACTION AND GAS-CHROMATOGRAPHY COUPLED TO ELECTRON CAPTURE. <i>Analytical Letters</i> , 2001 , 34, 1003-1013	2.2	4
3	Nutritional and Environmental Properties of Algal Products Used in Healthy Diet by INAA and ICP-AES. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000 , 244, 247-252	1.5	25
2	Simultaneous determination of cysteine, cystine and 18 other amino acids in various matrices by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1999 , 833, 137-45	4.5	50
1	A Review of the Analytical Methods Based on Chromatography for Analyzing Glyphosate in Foods		4