

# Pasquale Avino

## List of Publications by Year in descending order

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160  
papers

3,669  
citations

101384

36  
h-index

182168

51  
g-index

163  
all docs

163  
docs citations

163  
times ranked

4106  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.9	243
2	Aerosol deposition doses in the human respiratory tree of electronic cigarette smokers. <i>Environmental Pollution</i> , 2015, 196, 257-267.	3.7	116
3	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, 72-78.	2.6	114
4	Ultrafine particles and PM <sub>2.5</sub> in the air of cities around the world: Are they representative of each other?. <i>Environment International</i> , 2019, 129, 118-135.	4.8	110
5	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.	4.8	94
6	Extraction and GC-MS analysis of phthalate esters in food matrices: a review. <i>RSC Advances</i> , 2015, 5, 37023-37043.	1.7	86
7	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, 1373-1381.	1.9	78
8	Chemical, dimensional and morphological ultrafine particle characterization from a waste-to-energy plant. <i>Waste Management</i> , 2011, 31, 2253-2262.	3.7	65
9	Indoor Air Quality: A Focus on the European Legislation and State-of-the-Art Research in Italy. <i>Atmosphere</i> , 2020, 11, 370.	1.0	63
10	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, 137-145.	1.8	61
11	Heavy metal determination in atmospheric particulate matter by Instrumental Neutron Activation Analysis. <i>Microchemical Journal</i> , 2008, 88, 97-106.	2.3	61
12	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, 2172.	1.2	59
13	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, 181-187.	4.2	56
14	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.	1.3	56
15	First Results of the "Carbonaceous Aerosol in Rome and Environs (CARE) Experiment: Beyond Current Standards for PM <sub>10</sub> ". <i>Atmosphere</i> , 2017, 8, 249.	1.0	54
16	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.	3.9	54
17	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, 431-441.	1.2	52
18	Visible Light Caffeic Acid Degradation by Carbon-Doped Titanium Dioxide. <i>Langmuir</i> , 2015, 31, 3627-3634.	1.6	50

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19	Particle doses in the pulmonary lobes of electronic and conventional cigarette users. <i>Environmental Pollution</i> , 2015, 202, 24-31.	3.7	49
20	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.	3.9	47
21	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.	3.9	45
22	Traffic aerosol lobar doses deposited in the human respiratory system. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13866-13873.	2.7	44
23	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, 204-211.	4.2	42
24	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.	2.3	42
25	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.	1.7	41
26	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.	1.3	41
27	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.	1.8	41
28	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, 1517-1527.	1.9	40
29	Fast evolution of urban ultrafine particles: Implications for deposition doses in the human respiratory system. <i>Atmospheric Environment</i> , 2012, 51, 116-123.	1.9	40
30	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.	1.9	40
31	Ten-year measurements of gaseous pollutants in urban air by an open-path analyzer. <i>Atmospheric Environment</i> , 2008, 42, 4138-4148.	1.9	39
32	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.	3.7	39
33	A Method Validation for Simultaneous Determination of Phthalates and Bisphenol A Released from Plastic Water Containers. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2945.	1.3	39
34	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.	2.3	38
35	Dimensional and chemical characterization of particles at a downwind receptor site of a waste-to-energy plant. <i>Waste Management</i> , 2010, 30, 1325-1333.	3.7	37
36	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.	3.7	37

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37	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.	4.2	37
38	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, 206-214.	2.9	34
39	Deep Investigation of Ultrafine Particles in Urban Air. <i>Aerosol and Air Quality Research</i> , 2011, 11, 654-663.	0.9	34
40	Pedestrians in Traffic Environments: Ultrafine Particle Respiratory Doses. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 288.	1.2	33
41	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.	1.9	33
42	Element assessment in whole blood, serum and urine of three Italian healthy sub-populations by INAA. <i>Microchemical Journal</i> , 2011, 99, 548-555.	2.3	31
43	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.	3.7	29
44	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.	0.7	27
45	A benchmark for numerical scheme validation of airborne particle exposure in street canyons. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2051-2063.	2.7	27
46	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, 146-151.	5.0	26
47	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
48	Size resolved aerosol respiratory doses in a Mediterranean urban area: From PM10 to ultrafine particles. <i>Environment International</i> , 2020, 141, 105714.	4.8	26
49	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.	1.3	25
50	Dimensional and Chemical Characterization of Airborne Particles in Schools: Respiratory Effects in Children. <i>Aerosol and Air Quality Research</i> , 2013, 13, 887-900.	0.9	25
51	Elemental characterization of impurities at trace and ultra-trace levels in metallurgical lead samples by INAA. <i>Microchemical Journal</i> , 2009, 93, 188-194.	2.3	24
52	Relevance of aerosol size spectrum analysis as support to qualitative source apportionment studies. <i>Environmental Pollution</i> , 2012, 170, 43-51.	3.7	24
53	Occupational exposure to airborne particles and other pollutants in an aviation base. <i>Environmental Pollution</i> , 2012, 170, 78-87.	3.7	22
54	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.	0.7	21

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55	Validation of a novel derivatization method for GC-ECD determination of acrylamide in food. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6137-6141.	1.9	21
56	Ultrafine particles in domestic environments: Regional doses deposited in the human respiratory system. <i>Environment International</i> , 2018, 118, 134-145.	4.8	21
57	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, 2947.	1.2	21
58	Ultrafine Particles in Residential Indoors and Doses Deposited in the Human Respiratory System. <i>Atmosphere</i> , 2015, 6, 1444-1461.	1.0	20
59	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.	1.9	20
60	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.	1.3	20
61	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.	0.5	20
62	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.	1.7	19
63	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.	0.9	19
64	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.	0.6	18
65	Time-Resolved Measurement of the Ionic Fraction of Atmospheric Fine Particulate Matter. <i>Journal of Chromatographic Science</i> , 2010, 48, 549-552.	0.7	17
66	Where Do Ultrafine Particles and Nano-Sized Particles Come From?. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1371-1390.	1.2	17
67	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.	1.0	17
68	Critical review of the analytical methods for determining the mycotoxin patulin in food matrices. <i>Reviews in Analytical Chemistry</i> , 2021, 40, 144-160.	1.5	17
69	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.	0.9	17
70	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, 629-636.	0.6	16
71	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.	1.8	16
72	The Dichotomy between Indoor Air Quality and Energy Efficiency in Light of the Onset of the COVID-19 Pandemic. <i>Atmosphere</i> , 2021, 12, 791.	1.0	16

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73	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, 6695.	1.2	16
74	Cyanopropyl Bonded-Phase Cartridges for Trace Enrichment of Dioxins and Chlorinated Pesticides from Water Samples. <i>Chromatographia</i> , 2009, 69, 709-717.	0.7	15
75	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, 3561-3571.	1.9	15
76	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.	2.6	15
77	Identification of provenance of obsidian samples analyzing elemental composition by INAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 278, 277-282.	0.7	14
78	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.	1.7	14
79	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.	1.0	14
80	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, 6029.	1.2	14
81	Ultrafine particle emission from floor cleaning products. <i>Indoor Air</i> , 2021, 31, 63-73.	2.0	14
82	Free and total amino acid composition in blue-green algae. <i>Annali Di Chimica</i> , 2002, 92, 343-52.	0.6	14
83	Source identification of inorganic airborne particle fraction (PM10) at ultratrace levels by means of INAA short irradiation. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4527-4538.	2.7	13
84	Analytical Method Validation for Determining Organophosphorus Pesticides in Baby Foods by a Modified Liquid-Liquid Microextraction Method and Gas Chromatography-Ion Trap/Mass Spectrometry Analysis. <i>Food Analytical Methods</i> , 2019, 12, 41-50.	1.3	13
85	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, 1692.	1.2	13
86	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, 23.	0.9	13
87	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.	4.2	13
88	DETERMINATION OF ATMOSPHERIC ORGANIC AND ELEMENTAL CARBON PARTICLE IN ROME WITH A THERMAL METHOD. <i>Analytical Letters</i> , 2001, 34, 967-974.	1.0	12
89	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.	1.3	12
90	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.	1.3	12

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91	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
92	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.	0.7	11
93	Aromatic Sulfur Compounds Enrichment from Seawater in Crude Oil Contamination by Solid Phase Extraction. <i>Current Analytical Chemistry</i> , 2009, 5, 339-346.	0.6	11
94	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, 817.	1.2	11
95	Honeybees as Bioindicators of Heavy Metal Pollution in Urban and Rural Areas in the South of Italy. <i>Atmosphere</i> , 2022, 13, 624.	1.0	11
96	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.	0.7	10
97	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, 300-315.	1.7	10
98	Rapid and Reliable Method for Analyzing Acaricides in Honey-Based Products. <i>Food Analytical Methods</i> , 2016, 9, 1675-1685.	1.3	10
99	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.	0.6	10
100	Investigation on the Behavior of Pesticides in Atmosphere. <i>Aerosol and Air Quality Research</i> , 2011, 11, 783-790.	0.9	10
101	Short Capillary Traps in GC-MS/MS Tandem Systems for Direct Analysis of T2 Mycotoxin in Aqueous Samples. <i>Chromatographia</i> , 2007, 66, 237-242.	0.7	9
102	Dynamic of submicrometer particles in urban environment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13908-13920.	2.7	9
103	Phthalates and bisphenol-A residues in water samples: an innovative analytical approach. <i>Rendiconti Lincei</i> , 2018, 29, 831-840.	1.0	9
104	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, 1339.	1.2	9
105	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.	0.8	9
106	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.	0.6	8
107	The determination and role of peroxyacetyl nitrate in photochemical processes in atmosphere. <i>Chemistry Central Journal</i> , 2012, 6, S8.	2.6	8
108	Mediterranean and Near East obsidian reference samples to establish artefacts provenance. <i>Heritage Science</i> , 2014, 2, .	1.0	8



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109	Electronic cigarettes: age-specific generation-resolved pulmonary doses. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13068-13079.	2.7	8
110	Carbonaceous components in atmospheric aerosol: measurement procedures and characterization. <i>Annali Di Chimica</i> , 2002, 92, 333-41.	0.6	8
111	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.	0.5	8
112	A Review on Recent Sensing Methods for Determining Formaldehyde in Agri-Food Chain: A Comparison with the Conventional Analytical Approaches. <i>Foods</i> , 2022, 11, 1351.	1.9	8
113	Carbonaceous Aerosol in the Breathable Particulate Matter (PM10) in Urban Area. <i>Annali Di Chimica</i> , 2004, 94, 647-653.	0.6	7
114	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, 279.	1.6	7
115	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.	1.0	6
116	Obsidian use in the mosaic of the St. Juvenal church, Narni (Italy): chemical characterization and origin. <i>Heritage Science</i> , 2013, 1, 17.	1.0	6
117	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, 2260-2267.	1.3	6
118	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.	1.7	6
119	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.	1.7	6
120	Employ of multivariate analysis and chemometrics in cultural heritage and environment fields. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13863-13865.	2.7	6
121	Comparison of Two Extraction Procedures, SPE and DLLME, for Determining Plasticizer Residues in Hot Drinks at Vending Machines. <i>Processes</i> , 2021, 9, 1588.	1.3	6
122	The importance of measuring ultrafine particles in urban air quality monitoring in small cities. <i>Geographica Pannonica</i> , 2019, 23, 347-358.	0.5	6
123	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-e21.	1.3	5
124	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.	0.7	5
125	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
126	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



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127	May SARS-CoV-2 Diffusion Be Favored by Alkaline Aerosols and Ammonia Emissions?. Atmosphere, 2020, 11, 995.	1.0	5
128	A Review of the Analytical Methods Based on Chromatography for Analyzing Glyphosate in Foods. , 0, , .		5
129	DETERMINATION OF 1,2,4- AND 1,3,5-TRICHLOROBENZENES IN WATER SAMPLES BY SOLID-PHASE EXTRACTION AND GAS-CHROMATOGRAPHY COUPLED TO ELECTRON CAPTURE. Analytical Letters, 2001, 34, 1003-1013.	1.0	4
130	Use of different anticoagulants for HPLC separation and quantification of the free amino acid content of plasma. Journal of Separation Science, 2003, 26, 392-396.	1.3	4
131	NH <sub>2</sub> SEP/PAK Cartridges for Enrichment of Aromatic Sulfur Compounds from Sea Water: Determination by GC/FID and GC/MS. Annali Di Chimica, 2004, 94, 741-750.	0.6	4
132	Deep investigation on inorganic fraction of atmospheric PM in Mediterranean area by neutron and photon activation analysis. Chemistry Central Journal, 2013, 7, 173.	2.6	4
133	Determination of Interesting Toxicological Elements in PM <sub>2.5</sub> by Neutron and Photon Activation Analysis. Scientific World Journal, The, 2013, 2013, 1-8.	0.8	4
134	The astonishing <sup>63</sup> Ni radioactivity reduction in radioactive wastes by means of ultrasounds application. SN Applied Sciences, 2019, 1, 1.	1.5	4
135	Nanoparticle Behaviour in an Urban Street Canyon at Different Heights and Implications on Indoor Respiratory Doses. Atmosphere, 2019, 10, 772.	1.0	4
136	Submicron and Ultrafine Particles in Downtown Rome: How the Different Euro Engines Have Influenced Their Behavior for Two Decades. Atmosphere, 2020, 11, 894.	1.0	4
137	Ozone formation in relation with combustion processes in highly populated urban areas. AIMS Environmental Science, 2015, 2, 764-781.	0.7	4
138	Analytical Determination of Allergenic Fragrances in Indoor Air. Separations, 2022, 9, 99.	1.1	4
139	Remote Sensing Measurements for Evaluation of Air Quality in an Urban Area. Annali Di Chimica, 2004, 94, 707-714.	0.6	3
140	Physiological parameters affecting the hair element content of young Italian population. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 737-743.	0.7	3
141	Persistent Organic Pollutants and Metals in Atmospheric Deposition Rates around the Port-Industrial Area of Civitavecchia, Italy. Applied Sciences (Switzerland), 2021, 11, 1827.	1.3	3
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