

# Carmela Protano

## List of Publications by Year in descending order

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89  
papers

1,980  
citations

218592

26  
h-index

302012

39  
g-index

91  
all docs

91  
docs citations

91  
times ranked

2789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sedentary Behaviors and Physical Activity of Italian Undergraduate Students during Lockdown at the Time of CoViDâ€™19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6171.	1.2	186
2	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
3	The New Danger of Thirdhand Smoke: Why Passive Smoking Does Not Stop at Secondhand Smoke. <i>Environmental Health Perspectives</i> , 2011, 119, A422.	2.8	81
4	Heavy Metal Pollution and Potential Ecological Risks in Rivers: A Case Study from Southern Italy. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 75-80.	1.3	63
5	Comparative elemental analysis of dairy milk and plant-based milk alternatives. <i>Food Control</i> , 2020, 116, 107327.	2.8	62
6	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
7	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
8	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
9	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
10	Urinary trans, trans-muconic acid and S-phenylmercapturic acid are indicative of exposure to urban benzene pollution during childhood. <i>Science of the Total Environment</i> , 2012, 435-436, 115-123.	3.9	46
11	Monitoring of Traffic-Related Pollution in a Province of Central Italy with Transplanted Lichen <i>Pseudovernia furfuracea</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 852-858.	1.3	44
12	Benzene exposure in childhood: Role of living environments and assessment of available tools. <i>Environment International</i> , 2010, 36, 779-787.	4.8	44
13	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
14	Operative Modalities and Exposure to Pesticides During Open Field Treatments Among a Group of Agricultural Subcontractors. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 193-202.	2.1	43
15	How home-smoking habits affect children: a cross-sectional study using urinary cotinine measurement in Italy. <i>International Journal of Public Health</i> , 2012, 57, 885-892.	1.0	41
16	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
17	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
18	Performance of Different Work Clothing Types for Reducing Skin Exposure to Pesticides During Open Field Treatment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 115-119.	1.3	38

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19	A tobacco-related carcinogen: assessing the impact of smoking behaviours of cohabitants on benzene exposure in children. <i>Tobacco Control</i> , 2012, 21, 325-329.	1.8	35
20	Structural Basis of Functional Diversification of the HD-GYP Domain Revealed by the <i>Pseudomonas aeruginosa</i> PA4781 Protein, Which Displays an Unselective Bimetallic Binding Site. <i>Journal of Bacteriology</i> , 2015, 197, 1525-1535.	1.0	33
21	Pedestrians in Traffic Environments: Ultrafine Particle Respiratory Doses. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 288.	1.2	33
22	The Carcinogenic Effects of Formaldehyde Occupational Exposure: A Systematic Review. <i>Cancers</i> , 2022, 14, 165.	1.7	33
23	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
24	Polycyclic Aromatic Hydrocarbons and Metals in Transplanted Lichen ( <i>Pseudovernia furfuracea</i> ) at Sites Adjacent to a Solid-waste Landfill in Central Italy. <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 66, 471-481.	2.1	30
25	Swimming attendance during childhood and development of asthma: Meta-analysis. <i>Pediatrics International</i> , 2017, 59, 614-621.	0.2	29
26	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
27	Biomarkers of oxidative stress to nucleic acids: Background levels and effects of body mass index and life-style factors in an urban paediatric population. <i>Science of the Total Environment</i> , 2014, 500-501, 44-51.	3.9	26
28	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
29	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
30	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
31	Association between environmental exposure to benzene and oxidative damage to nucleic acids in children. <i>Medicina Del Lavoro</i> , 2012, 103, 324-37.	0.3	25
32	Assessing indoor air quality of school environments: transplanted lichen <i>Pseudovernia furfuracea</i> as a new tool for biomonitoring and bioaccumulation. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 358.	1.3	24
33	Potential testing of reprocessing procedures by real-time polymerase chain reaction: A multicenter study of colonoscopy devices. <i>American Journal of Infection Control</i> , 2018, 46, 159-164.	1.1	22
34	Occupational scenarios and exposure assessment to formaldehyde: A systematic review. <i>Indoor Air</i> , 2022, 32, .	2.0	22
35	Ultrafine particles in domestic environments: Regional doses deposited in the human respiratory system. <i>Environment International</i> , 2018, 118, 134-145.	4.8	21
36	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

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37	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
38	Metagenomic analysis of bacterial community in a travertine depositing hot spring. <i>New Microbiologica</i> , 2018, 41, 126-135.	0.1	20
39	Transplanted Lichen <i>Pseudovernia furfuracea</i> as a Multi-Tracer Monitoring Tool Near a Solid Waste Incinerator in Italy: Assessment of Airborne Incinerator-Related Pollutants. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 644-653.	1.3	17
40	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
41	Where Do Ultrafine Particles and Nano-Sized Particles Come From?. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1371-1390.	1.2	17
42	Profiling the Acute Effects of Modified Risk Products: Evidence from the SUR-VAPES (Sapienza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Current Atherosclerosis Reports, 2020, 22, 8.	2.0	17
43	Family-based social determinants and child health: Cross-sectional study. <i>Pediatrics International</i> , 2017, 59, 201-208.	0.2	14
44	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
45	Exergames in Childhood Obesity Treatment: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4938.	1.2	14
46	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
47	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
48	Infection control in healthcare settings: perspectives for mfDNA analysis in monitoring sanitation procedures. <i>BMC Infectious Diseases</i> , 2016, 16, 394.	1.3	12
49	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
50	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
51	How to manage the biological risk in a dental clinic: current and future perspectives. <i>Minerva Dental and Oral Science</i> , 2017, 66, 232-239.	0.5	11
52	Ebola Virus Infection among Western Healthcare Workers Unable to Recall the Transmission Route. <i>BioMed Research International</i> , 2016, 2016, 1-5.	0.9	10
53	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
54	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

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55	Further Insights on Predictors of Environmental Tobacco Smoke Exposure during the Pediatric Age. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4062.	1.2	9
56	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
57	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
58	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
59	Assessment of the Effectiveness of a Seasonal-Long Insecticide-Based Control Strategy against <i>Aedes albopictus</i> Nuisance in an Urban Area. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004463.	1.3	9
60	Mobile Phone Microbial Contamination Among Neonatal Unit Healthcare Workers. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 487-489.	1.0	8
61	A Cross-Sectional Study on Prevalence and Predictors of Burnout among a Sample of Pharmacists Employed in Pharmacies in Central Italy. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	8
62	Environmental status of an Italian site highly polluted by illegal dumping of industrial wastes: The situation 15 years after the judicial intervention. <i>Science of the Total Environment</i> , 2021, 762, 144100.	3.9	8
63	High salivary <i>Staphylococcus aureus</i> carriage rate among healthy paedodontic patients. <i>New Microbiologica</i> , 2014, 37, 91-6.	0.1	8
64	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
65	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
66	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
67	River water quality assessment: comparison between old and new indices in a real scenario from Italy. <i>International Journal of River Basin Management</i> , 2015, 13, 325-331.	1.5	5
68	How Do Combustion and Non-Combustion Products Used Outdoors Affect Outdoor and Indoor Particulate Matter Levels? A Field Evaluation Near the Entrance of an Italian University Library. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5200.	1.2	5
69	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
70	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
71	May SARS-CoV-2 Diffusion Be Favored by Alkaline Aerosols and Ammonia Emissions?. <i>Atmosphere</i> , 2020, 11, 995.	1.0	5
72	Health risks for body pierced community: a systematic review. <i>Public Health</i> , 2022, 205, 202-215.	1.4	5

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73	How relevant are fathers who smoke at home to the passive smoking exposure of their children?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 74-74.	0.7	4
74	Nanoparticle Behaviour in an Urban Street Canyon at Different Heights and Implications on Indoor Respiratory Doses. <i>Atmosphere</i> , 2019, 10, 772.	1.0	4
75	A Cross-Sectional Study on Benzene Exposure in Pediatric Age and Parental Smoking Habits at Home. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5469.	1.2	4
76	What about Your Body Ornament? Experiences of Tattoo and Piercing among Italian Youths. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12429.	1.2	4
77	Advantages of Sodium Hypochlorite or Sodium Dichloroisocyanurate Disinfection for Teats and Bottles in Newborn Infants' Feeding. <i>Public Health Nursing</i> , 2008, 25, 103-105.	0.7	3
78	Determination of Selected Polychlorinated Dibenzo-p-dioxins/Furans in Marine Sediments by the Application of Gas-Chromatography-Triple Quadrupole Mass Spectrometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 525-530.	1.3	3
79	Swimming pool attendance during childhood and development of asthma: Reply. <i>Pediatrics International</i> , 2017, 59, 847-848.	0.2	3
80	Cancer Mortality Trend in Central Italy: Focus on A "Low Rate of Land Use" Area from 1982 to 2011. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 628.	1.2	3
81	Adverse effects related to tattoos in the community setting: a systematic review. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 1023-1028.	2.0	3
82	The water supply of Rome: an "almost" unique case. <i>Rendiconti Lincei</i> , 2016, 27, 67-81.	1.0	2
83	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
84	Passive Vaping from Sub-Ohm Electronic Cigarette Devices. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11606.	1.2	2
85	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.	1.0	2
86	Exposure Profile to Traffic Related Pollution in Pediatric Age: A Biomonitoring Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10118.	1.2	1
87	Assessing Undergraduates' Perception of Risks Related to Body Art in Italy: The SUPeRBA Multicenter Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9233.	1.2	1
88	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
89	Where Do Ultrafine Particles and Nano-Sized Particles Come From?. <i>Advances in Alzheimer's Disease</i> , 2021, , .	0.2	0