

# Lorenzo Massimi

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

661  
citations

471371

17  
h-index

610775

24  
g-index

45  
all docs

45  
docs citations

45  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of operating conditions on PM oxidative potential assays. <i>Atmospheric Environment</i> , 2022, 268, 118802.	1.9	7
2	Effects of COVID-19 lockdown on PM10 composition and sources in the Rome Area (Italy) by elements' chemical fractionation-based source apportionment. <i>Atmospheric Research</i> , 2022, 266, 105970.	1.8	14
3	Biomonitoring of element contamination in bees and beehive products in the Rome province (Italy). <i>Environmental Science and Pollution Research</i> , 2022, 29, 36057-36074.	2.7	9
4	Simple and efficient method to detach intact PM10 from field filters: Elements recovery assessment. <i>Atmospheric Pollution Research</i> , 2022, 13, 101417.	1.8	1
5	Morpho-physiological and molecular responses of <i>Lepidium sativum</i> L. seeds induced by bismuth exposure. <i>Science of the Total Environment</i> , 2022, 831, 154896.	3.9	7
6	A New Method for the Assessment of the Oxidative Potential of Both Water-Soluble and Insoluble PM. <i>Atmosphere</i> , 2022, 13, 349.	1.0	5
7	On the Redox-Activity and Health-Effects of Atmospheric Primary and Secondary Aerosol: Phenomenology. <i>Atmosphere</i> , 2022, 13, 704.	1.0	7
8	Performance of bees and beehive products as indicators of elemental tracers of atmospheric pollution in sites of the Rome province (Italy). <i>Ecological Indicators</i> , 2022, 140, 109061.	2.6	7
9	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
10	Seasonal Variations in the Chemical Composition of Indoor and Outdoor PM10 in University Classrooms. <i>Sustainability</i> , 2021, 13, 2263.	1.6	5
11	An Analytical Method for the Biomonitoring of Mercury in Bees and Beehive Products by Cold Vapor Atomic Fluorescence Spectrometry. <i>Molecules</i> , 2021, 26, 4878.	1.7	14
12	Peroxisomal PEX7 Receptor Affects Cadmium-Induced ROS and Auxin Homeostasis in Arabidopsis Root System. <i>Antioxidants</i> , 2021, 10, 1494.	2.2	9
13	An optimized method for sample preparation and elemental analysis of extra-virgin olive oil by inductively coupled plasma mass spectrometry. <i>Food Chemistry</i> , 2021, 360, 130027.	4.2	17
14	Identification and spatial mapping of tracers of PM10 emission sources using a high spatial resolution distributed network in an urban setting. <i>Atmospheric Research</i> , 2021, 262, 105771.	1.8	5
15	Multielement Characterization and Antioxidant Activity of Italian Extra-Virgin Olive Oils. <i>Frontiers in Chemistry</i> , 2021, 9, 769620.	1.8	6
16	Assessment of the effects of atmospheric pollutants using the animal model <i>Caenorhabditis elegans</i> . <i>Environmental Research</i> , 2020, 191, 110209.	3.7	8
17	Effectiveness of Different Sample Treatments for the Elemental Characterization of Bees and Beehive Products. <i>Molecules</i> , 2020, 25, 4263.	1.7	25
18	Spatial mapping and size distribution of oxidative potential of particulate matter released by spatially disaggregated sources. <i>Environmental Pollution</i> , 2020, 266, 115271.	3.7	21

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19	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
20	Airborne Aerosols and Human Health: Leapfrogging from Mass Concentration to Oxidative Potential. <i>Atmosphere</i> , 2020, 11, 917.	1.0	35
21	Innovative Characterization of Particulate Matter Deposited on Urban Vegetation Leaves through the Application of a Chemical Fractionation Procedure. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5717.	1.2	10
22	Fungi and Arsenic: Tolerance and Bioaccumulation by Soil Saprotrophic Species. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3218.	1.3	12
23	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
24	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
25	Evaluation of the Efficiency of <i>Arundo donax</i> L. Leaves as Biomonitors for Atmospheric Element Concentrations in an Urban and Industrial Area of Central Italy. <i>Atmosphere</i> , 2020, 11, 226.	1.0	18
26	Spatial distribution of levoglucosan and alternative biomass burning tracers in atmospheric aerosols, in an urban and industrial hot-spot of Central Italy. <i>Atmospheric Research</i> , 2020, 239, 104904.	1.8	22
27	Nitric oxide alleviates cadmium- but not arsenic-induced damages in rice roots. <i>Plant Physiology and Biochemistry</i> , 2020, 151, 729-742.	2.8	47
28	High resolution spatial mapping of element concentrations in PM10: A powerful tool for localization of emission sources. <i>Atmospheric Research</i> , 2020, 244, 105060.	1.8	20
29	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
30	A combined chemical/size fractionation approach to study winter/summer variations, ageing and source strength of atmospheric particles. <i>Environmental Pollution</i> , 2019, 253, 19-28.	3.7	26
31	Potential of PM-selected components to induce oxidative stress and root system alteration in a plant model organism. <i>Environment International</i> , 2019, 132, 105094.	4.8	22
32	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
33	Ultrafine, fine and coarse airborne particle mass concentration in workplaces. <i>Atmospheric Pollution Research</i> , 2019, 10, 1685-1690.	1.8	19
34	Lichen transplants as indicators of atmospheric element concentrations: a high spatial resolution comparison with PM10 samples in a polluted area (Central Italy). <i>Ecological Indicators</i> , 2019, 101, 759-769.	2.6	37
35	Food Waste Materials as Low-Cost Adsorbents for the Removal of Volatile Organic Compounds from Wastewater. <i>Materials</i> , 2019, 12, 4242.	1.3	10
36	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

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37	Efficiency Evaluation of Food Waste Materials for the Removal of Metals and Metalloids from Complex Multi-Element Solutions. <i>Materials</i> , 2018, 11, 334.	1.3	31
38	Food Waste Materials Appear Efficient and Low-cost Adsorbents for the Removal of Organic and Inorganic Pollutants from Wastewater. <i>Research &amp; Development in Material Science</i> , 2018, 5, .	0.1	1
39	Monitoring and Evaluation of Terni (Central Italy) Air Quality through Spatially Resolved Analyses. <i>Atmosphere</i> , 2017, 8, 200.	1.0	18
40	Monitoring and Evaluation of Terni (Central Italy) Air Quality through Spatially Resolved Analyses. <i>Proceedings (mdpi)</i> , 2017, 1, 680.	0.2	0