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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.

116 papers	3,947 citations	39 h-index	56 g-index
117 ext. papers	4,292 ext. citations	6.4 avg, IF	5.25 L-index

#	Paper	IF	Citations
116	Macroalgae, nutrient cycles, and pollutants in the Lagoon of Venice. <i>Estuaries and Coasts</i> , 1992 , 15, 517		211
115	Relationships between macroalgal biomass and nutrient concentrations in a hypertrophic area of the Venice Lagoon. <i>Marine Environmental Research</i> , 1987 , 22, 297-312	3.3	159
114	Factors determining the formation of secondary inorganic aerosol: a case study in the Po Valley (Italy). <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 1927-1939	6.8	143
113	Carcinogenic and mutagenic risk associated to airborne particle-phase polycyclic aromatic hydrocarbons: A source apportionment. <i>Atmospheric Environment</i> , 2012 , 60, 375-382	5.3	128
112	Heavy metal contamination in the seaweeds of the Venice lagoon. <i>Chemosphere</i> , 2002 , 47, 443-54	8.4	110
111	Persistent metabolites of alkylphenol polyethoxylates in the marine environment. <i>Marine Chemistry</i> , 1990 , 29, 307-323	3.7	101
110	Marine sediment contamination of an industrial site at Port of Bagnoli, Gulf of Naples, Southern Italy. <i>Marine Pollution Bulletin</i> , 2004 , 49, 487-95	6.7	100
109	Correlation between inorganic (heavy metals) and organic (PCBs and PAHs) micropollutant concentrations during sewage sludge composting processes. <i>Chemosphere</i> , 2000 , 41, 427-35	8.4	97
108	Annual variations of nutrients in the Lagoon of Venice. <i>Marine Pollution Bulletin</i> , 1988 , 19, 54-60	6.7	82
107	The changing state of contamination in the Lagoon of Venice. Part 1: organic pollutants. <i>Chemosphere</i> , 2005 , 58, 279-90	8.4	77
106	A procedure to assess local and long-range transport contributions to PM2.5 and secondary inorganic aerosol. <i>Journal of Aerosol Science</i> , 2012 , 46, 64-76	4.3	76
105	Thirteen years of air pollution hourly monitoring in a large city: potential sources, trends, cycles and effects of car-free days. <i>Science of the Total Environment</i> , 2014 , 494-495, 84-96	10.2	70
104	Heavy metal contamination in surface sediments from the Gulf of Venice, Italy. <i>Marine Pollution Bulletin</i> , 1981 , 12, 417-425	6.7	68
103	Macroalgae and phytoplankton standing crops in the central Venice lagoon: Primary production and nutrient balance. <i>Science of the Total Environment</i> , 1989 , 80, 139-159	10.2	65
102	Macroalgae and phytoplankton competition in the central Venice lagoon. <i>Environmental Technology (United Kingdom)</i> , 1994 , 15, 1-14	2.6	64
101	Sediment toxicity measured using <i>Vibrio fischeri</i> as related to the concentrations of organic (PCBs, PAHs) and inorganic (metals, sulphur) pollutants. <i>Chemosphere</i> , 1998 , 36, 2949-2968	8.4	60
100	Species composition, biomass, and net primary production in shallow coastal waters: The Venice lagoon. <i>Bioresource Technology</i> , 1993 , 44, 235-249	11	58

99	Influence of seasonality, air mass origin and particulate matter chemical composition on airborne bacterial community structure in the Po Valley, Italy. <i>Science of the Total Environment</i> , 2017 , 593-594, 677-687	10.2	56
98	Carbonaceous PM(2.5) and secondary organic aerosol across the Veneto region (NE Italy). <i>Science of the Total Environment</i> , 2016 , 542, 172-81	10.2	55
97	The changing state of contamination in the Lagoon of Venice. Part 2: heavy metals. <i>Chemosphere</i> , 2006 , 64, 1334-45	8.4	53
96	Concentration and flux profiles of PCBs, DDTs and PAHs in a dated sediment core from the lagoon of Venice. <i>Marine Chemistry</i> , 1987 , 21, 25-35	3.7	53
95	Application of meteorology-based methods to determine local and external contributions to particulate matter pollution: A case study in Venice (Italy). <i>Atmospheric Environment</i> , 2015 , 119, 69-81	5.3	51
94	Source apportionment of PM _{2.5} at multiple sites in Venice (Italy): Spatial variability and the role of weather. <i>Atmospheric Environment</i> , 2014 , 98, 78-88	5.3	49
93	Triggering of cardiovascular hospital admissions by source specific fine particle concentrations in urban centers of New York State. <i>Environment International</i> , 2019 , 126, 387-394	12.9	47
92	Urban air quality in a mid-size city [PM _{2.5} composition, sources and identification of impact areas: From local to long range contributions. <i>Atmospheric Research</i> , 2017 , 186, 51-62	5.4	46
91	Characterization of PM ₁₀ sources in a coastal area near Venice (Italy): an application of factor-cluster analysis. <i>Chemosphere</i> , 2010 , 80, 771-8	8.4	46
90	Historical development of the Venice lagoon contamination as recorded in radiodated sediment cores. <i>Marine Pollution Bulletin</i> , 1987 , 18, 18-24	6.7	45
89	Factors, origin and sources affecting PM ₁ concentrations and composition at an urban background site. <i>Atmospheric Research</i> , 2016 , 180, 262-273	5.4	44
88	Geochemistry of sediments in the Northern and Central Adriatic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2004 , 59, 429-440	2.9	44
87	Organic micropollutants (PAHs, PCBs, pesticides) in seaweeds of the lagoon of Venice. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2003 , 26, 585-596		43
86	Clam Transplantation and Stress-Related Biomarkers as Useful Tools for Assessing Water Quality in Coastal Environments. <i>Marine Pollution Bulletin</i> , 1999 , 39, 255-260	6.7	43
85	Changes in the acute response of respiratory diseases to PM in New York State from 2005 to 2016. <i>Science of the Total Environment</i> , 2019 , 677, 328-339	10.2	42
84	Triggering of cardiovascular hospital admissions by fine particle concentrations in New York state: Before, during, and after implementation of multiple environmental policies and a recession. <i>Environmental Pollution</i> , 2018 , 242, 1404-1416	9.3	42
83	Geochemical characterization of PM ₁₀ emitted by glass factories in Murano, Venice (Italy). <i>Chemosphere</i> , 2008 , 71, 2068-75	8.4	42
82	Organotin compounds in surface sediments of the Southern Baltic coastal zone: a study on the main factors for their accumulation and degradation. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 2077-2087	5.1	41

81	Assessment of organic chlorinated compound removal from aqueous matrices by adsorption on activated carbon. <i>Water Research</i> , 2006 , 40, 3571-9	12.5	40
80	Seasonal trends and spatial variations of PM10-bounded polycyclic aromatic hydrocarbons in Veneto Region, Northeast Italy. <i>Atmospheric Environment</i> , 2013 , 79, 811-821	5.3	39
79	Concentrations of organotin compounds and imposex in the gastropod <i>Hexaplex trunculus</i> from the Lagoon of Venice. <i>Science of the Total Environment</i> , 2004 , 332, 89-100	10.2	39
78	Biochemical and histochemical responses to environmental contaminants in clam, <i>Tapes philippinarum</i> , transplanted to different polluted areas of Venice Lagoon, Italy. <i>Marine Environmental Research</i> , 2000 , 50, 425-30	3.3	39
77	Determination of Linear Alkylbenzenesulphonates and Alkylphenol Polyethoxylates in Commercial Products and Marine Waters by Reversed- and Normal-Phase Hplc. <i>International Journal of Environmental Analytical Chemistry</i> , 1989 , 35, 207-218	1.8	38
76	Air quality across a European hotspot: Spatial gradients, seasonality, diurnal cycles and trends in the Veneto region, NE Italy. <i>Science of the Total Environment</i> , 2017 , 576, 210-224	10.2	37
75	Self-purification ability of a resurgence stream. <i>Chemosphere</i> , 2003 , 52, 1781-95	8.4	37
74	Time trend of PCB concentrations in surface sediments from a hypertrophic, macroalgae populated area of the lagoon of Venice. <i>Science of the Total Environment</i> , 1990 , 91, 13-21	10.2	36
73	Gas chromatographic determination of organic micropollutants in samples of sewage sludge and compost: Behaviour of PCB and PAH during composting. <i>Chemosphere</i> , 1999 , 38, 1925-1935	8.4	35
72	Sampling strategies for measuring macroalgal biomass in the shallow waters of the Venice lagoon. <i>Environmental Technology (United Kingdom)</i> , 1991 , 12, 263-269	2.6	35
71	Spatial, seasonal trends and transboundary transport of PM2.5 inorganic ions in the Veneto region (Northeastern Italy). <i>Atmospheric Environment</i> , 2015 , 117, 19-31	5.3	32
70	Determining the influence of different atmospheric circulation patterns on PM10 chemical composition in a source apportionment study. <i>Atmospheric Environment</i> , 2012 , 63, 117-124	5.3	31
69	Macroinvertebrate communities and sediments as pollution indicators for heavy metals in the river Adige (Italy). <i>Water Research</i> , 1988 , 22, 1353-1363	12.5	30
68	Macrofauna impact on <i>Ulva rigida</i> C. Ag. production and relationship with environmental variables in the lagoon of Venice. <i>Marine Environmental Research</i> , 2001 , 52, 27-49	3.3	28
67	A simulation model for the annual fluctuation of <i>Zostera marina</i> biomass in the Venice lagoon. <i>Aquatic Botany</i> , 2001 , 70, 135-150	1.8	28
66	A chemometric approach to determine local and regional sources of PM10 and its geochemical composition in a coastal area. <i>Atmospheric Environment</i> , 2012 , 54, 127-133	5.3	27
65	Organotin compounds in surface sediments from seaports on the Gulf of Gdansk (southern Baltic coast). <i>Environmental Monitoring and Assessment</i> , 2011 , 182, 455-66	3.1	27
64	Gaseous and PM10-Bound Pollutants Monitored in Three Sites with Differing Environmental Conditions in the Venice Area (Italy). <i>Water, Air, and Soil Pollution</i> , 2008 , 195, 161-176	2.6	27

63	Concentrations of polychlorinated biphenyls and pesticides in different species of macroalgae from the Venice Lagoon. <i>Marine Pollution Bulletin</i> , 1993 , 26, 553-558	6.7	27
62	Long-term trends in submicron particle concentrations in a metropolitan area of the northeastern United States. <i>Science of the Total Environment</i> , 2018 , 633, 59-70	10.2	26
61	Using a photochemical model to assess the horizontal, vertical and time distribution of PM(2.5) in a complex area: relationships between the regional and local sources and the meteorological conditions. <i>Science of the Total Environment</i> , 2013 , 443, 681-91	10.2	26
60	Imposex levels and concentrations of organotin compounds (TBT and its metabolites) in <i>Nassarius nitidus</i> from the Lagoon of Venice. <i>Marine Pollution Bulletin</i> , 2007 , 55, 505-11	6.7	26
59	The role of alkaline phosphatase in the sediments of Venice Lagoon on nutrient regeneration. <i>Estuarine, Coastal and Shelf Science</i> , 1986 , 22, 425-437	2.9	25
58	GC-MS analyses and chemometric processing to discriminate the local and long-distance sources of PAHs associated to atmospheric PM2.5. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 3142-51	5.1	24
57	Winter to spring variations of chromophoric dissolved organic matter in a temperate estuary (Po River, northern Adriatic Sea). <i>Marine Environmental Research</i> , 2010 , 70, 73-81	3.3	24
56	The size distribution of chemical elements of atmospheric aerosol at a semi-rural coastal site in Venice (Italy). The role of atmospheric circulation. <i>Chemosphere</i> , 2015 , 119, 400-406	8.4	23
55	Nutrient distributions in the surface sediment of the central lagoon of Venice. <i>Science of the Total Environment</i> , 1995 , 172, 21-35	10.2	22
54	Changes in an Estuarine Ecosystem. <i>ACS Symposium Series</i> , 1992 , 287-305	0.4	22
53	Combined preparative and analytical use of normal-phase and reversed-phase high-performance liquid chromatography for the determination of aliphatic and polycyclic aromatic hydrocarbons in sediments of the adriatic sea. <i>Marine Chemistry</i> , 1986 , 18, 71-84	3.7	22
52	Polychlorinated biphenyl pollution caused by resuspension of surface sediments in the lagoon of Venice. <i>Science of the Total Environment</i> , 1989 , 79, 111-23	10.2	21
51	A one-year monitoring of spatiotemporal variations of PM-bound PAHs in Tehran, Iran: Source apportionment, local and regional sources origins and source-specific cancer risk assessment. <i>Environmental Pollution</i> , 2021 , 274, 115883	9.3	21
50	Imposex and accumulation of organotin compounds in populations of <i>Hexaplex trunculus</i> (Gastropoda, Muricidae) from the Lagoon of Venice (Italy) and Istrian Coast (Croatia). <i>Marine Pollution Bulletin</i> , 2007 , 54, 615-22	6.7	20
49	Spatial-temporal variations of summertime ozone concentrations across a metropolitan area using a network of low-cost monitors to develop 24 hourly land-use regression models. <i>Science of the Total Environment</i> , 2019 , 654, 1167-1178	10.2	20
48	CONTAMINATION IN MYTILUS GALLOPROVINCIALIS BY CHLORINATED HYDROCARBONS (PCBS AND PESTICIDES), PAHS AND HEAVY METALS IN THE LAGOON OF VENICE. <i>Polycyclic Aromatic Compounds</i> , 2007 , 27, 437-459	1.3	18
47	Annual nutrient exchanges between the central lagoon of Venice and the northern Adriatic Sea. <i>Science of the Total Environment</i> , 1994 , 156, 77-92	10.2	18
46	Hybrid multiple-site mass closure and source apportionment of PM and aerosol acidity at major cities in the Po Valley. <i>Science of the Total Environment</i> , 2020 , 704, 135287	10.2	18

45	Interannual heavy element and nutrient concentration trends in the top sediments of Venice Lagoon (Italy). <i>Marine Pollution Bulletin</i> , 2014 , 89, 49-58	6.7	17
44	Imposex in Hexaplex trunculus at Some Sites on the North Mediterranean Coast as a Base-Line for Future Evaluation of the Effectiveness of the Total Ban on Organotin based Antifouling Paints. <i>Hydrobiologia</i> , 2006 , 555, 281-287	2.4	17
43	Heavy metal contamination in compost. A possible solution. <i>Annali Di Chimica</i> , 2005 , 95, 247-56		17
42	Particulate matter deposition and nutrient fluxes onto the sediments of the venice lagoon. <i>Environmental Technology (United Kingdom)</i> , 1992 , 13, 473-483	2.6	17
41	Changes in the hospitalization and ED visit rates for respiratory diseases associated with source-specific PM in New York State from 2005 to 2016. <i>Environmental Research</i> , 2020 , 181, 108912	7.9	17
40	Long-Term Changes of Source Apportioned Particle Number Concentrations in a Metropolitan Area of the Northeastern United States. <i>Atmosphere</i> , 2019 , 10, 27	2.7	16
39	The PM2.5 chemical composition in an industrial zone included in a large urban settlement: main sources and local background. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 1913-22	4.3	16
38	Quantification of PCBs in Environmental Samples: Comparison of Results Obtained with Different Analytical Instruments (GC/ECD, GC/MS) and Standards. <i>International Journal of Environmental Analytical Chemistry</i> , 1991 , 44, 11-20	1.8	16
37	Estimation of local and external contributions of biomass burning to PM in an industrial zone included in a large urban settlement. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 2100-2115	5.1	15
36	Elemental characterization, sources and wind dependence of PM1 near Venice, Italy. <i>Atmospheric Research</i> , 2014 , 143, 371-379	5.4	14
35	Periwinkle (<i>Littorina littorea</i>) as a sentinel species: a field study integrating chemical and biological analyses. <i>Environmental Science & Technology</i> , 2011 , 45, 2634-40	10.3	14
34	Organochlorine compounds (polychlorinated biphenyls and pesticides) and polycyclic aromatic hydrocarbons in populations of Hexaplex trunculus affected by imposex in the lagoon of Venice, Italy. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 486-95	3.8	14
33	An in vitro study of the interaction of sea-nine with rat liver mitochondria. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1074-8	3.8	14
32	Influence of waste waters from the city of Venice and the hinterland on the eutrophication of the lagoon. <i>Science of the Total Environment</i> , 1990 , 96, 235-252	10.2	14
31	Potential sources and meteorological factors affecting PM-bound polycyclic aromatic hydrocarbon levels in six main cities of northeastern Italy: an assessment of the related carcinogenic and mutagenic risks. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 31987-32000	5.1	13
30	Environmental and biological monitoring of occupational exposure to organic micropollutants in gasoline. <i>Chemosphere</i> , 2001 , 44, 67-82	8.4	13
29	Sediments and pollution in the Northern Adriatic Sea: a statistical analysis. <i>Continental Shelf Research</i> , 1985 , 4, 321-340	2.4	13
28	Time trend of butyl- and phenyl-tin contamination in organisms of the Lagoon of Venice (1999-2003). <i>Environmental Monitoring and Assessment</i> , 2009 , 152, 35-45	3.1	12

27	New implications in the use of imposex as a suitable tool for tributyltin contamination: experimental induction in <i>Hexaplex trunculus</i> (Gastropoda, Muricidae) with different stressors. <i>Cell Biology and Toxicology</i> , 2008 , 24, 563-71	7.4	12
26	Multivariate analysis of heavy metal concentrations in sediments of the lagoon of Venice. <i>Science of the Total Environment</i> , 1988 , 77, 189-202	10.2	12
25	Gracilaria distribution, production and composition in the Lagoon of Venice. <i>Bioresource Technology</i> , 1994 , 50, 165-173	11	11
24	Contamination by chlorinated hydrocarbons (DDT, PCBs) in surface sediment and macrobenthos of the river Adige (Italy). <i>Science of the Total Environment</i> , 1987 , 65, 21-39	10.2	11
23	Variable wavelength absorption in detecting environmentally relevant PAHs by high-performance liquid chromatography. <i>Marine Chemistry</i> , 1987 , 21, 15-23	3.7	11
22	Influence of venice lagoon macrofauna on nutrient exchange at the sediment-water interface. <i>Science of the Total Environment</i> , 1989 , 86, 223-238	10.2	9
21	The dark side of the tradition: the polluting effect of Epiphany folk fires in the eastern Po Valley (Italy). <i>Science of the Total Environment</i> , 2014 , 473-474, 549-64	10.2	8
20	Harmful Elements in Estuarine and Coastal Systems 2014 , 37-83		8
19	Micropollutants and organic carbon concentrations in surface and deep sediments in the Tunisian coast near the city of Sousse. <i>Marine Environmental Research</i> , 2000 , 49, 177-96	3.3	8
18	Evaluation and Field Calibration of a Low-Cost Ozone Monitor at a Regulatory Urban Monitoring Station. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 2029-2037	4.6	8
17	Using a hybrid approach to apportion potential source locations contributing to excess cancer risk of PM-bound PAHs during heating and non-heating periods in a megacity in the Middle East. <i>Environmental Research</i> , 2021 , 201, 111617	7.9	7
16	Secondary inorganic aerosol evaluation: Application of a transport chemical model in the eastern part of the Po Valley. <i>Atmospheric Environment</i> , 2014 , 98, 202-213	5.3	6
15	FT-IR spectroscopy and chemometrics as a useful approach for determining chemical-physical properties of gasoline, by minimizing analytical times and sample handling. <i>Annali Di Chimica</i> , 2004 , 94, 521-32		6
14	Neurodegenerative hospital admissions and long-term exposure to ambient fine particle air pollution. <i>Annals of Epidemiology</i> , 2021 , 54, 79-86.e4	6.4	6
13	Changes in triggering of ST-elevation myocardial infarction by particulate air pollution in Monroe County, New York over time: a case-crossover study. <i>Environmental Health</i> , 2019 , 18, 82	6	5
12	Term birth weight and ambient air pollutant concentrations during pregnancy, among women living in Monroe County, New York. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019 , 29, 500-509	6.7	5
11	Immobilized Enzymes and Heavy Metals in Sediments of Venice Internal Canals. <i>Environmental Technology (United Kingdom)</i> , 1995 , 16, 765-774	2.6	5
10	. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 655	3.8	4

9	A procedure to evaluate the factors determining the elemental composition of PM. Case study: the Veneto region (northeastern Italy). <i>Environmental Science and Pollution Research</i> , 2018 , 25, 3823-3839	5.1	4
8	WATERBUS: A model to estimate boats' emissions in 'water cities'. <i>Transportation Research, Part D: Transport and Environment</i> , 2013 , 23, 73-80	6.4	3
7	Analysis of annual fluctuations of <i>C. nodosa</i> in the Venice lagoon: Modeling approach. <i>Ecological Modelling</i> , 2008 , 216, 134-144	3	3
6	Single-site source apportionment modeling of PM _{2.5} -bound PAHs in the Tehran metropolitan area, Iran: Implications for source-specific multi-pathway cancer risk assessment. <i>Urban Climate</i> , 2021 , 39, 100928	6.8	3
5	Chemical analyses of spring waters and factor analysis to monitor the functioning of a karstic system. The role of precipitations regimen and anthropic pressures. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 2543-9		2
4	An integrated analytical approach using ion chromatography, PIXE and electron microscopy to point out the differences in composition of PM ₁₀ individual particles 2013 ,		1
3	PCB effects on production of carbohydrates, lipids and proteins in marine diatom <i>Phaeodactylum tricornutum</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1988 , 91, 409-412		1
2	Determination of chlorinated organic compounds in aqueous matrices 2009 , 58, 405-415		
1	Pollutant Exchange at the Water/Sediment Interface in the Venice Canals. <i>Water, Air, and Soil Pollution</i> , 1997 , 99, 255-263	2.6	