

Tania Martellini

List of Publications by Year in descending order

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67
papers

3,480
citations

136940

32
h-index

144002

57
g-index

68
all docs

68
docs citations

68
times ranked

4673
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastic in the surface waters of the Ross Sea (Antarctica): Occurrence, distribution and characterization by FTIR. <i>Chemosphere</i> , 2017, 175, 391-400.	8.2	440
2	Indoor Air Quality and Health. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1286.	2.6	236
3	Microplastics in cosmetics: Environmental issues and needs for global bans. <i>Environmental Toxicology and Pharmacology</i> , 2019, 68, 75-79.	4.0	198
4	Gas-particle concentration and distribution of n-alkanes and polycyclic aromatic hydrocarbons in the atmosphere of Prato (Italy). <i>Chemosphere</i> , 2007, 68, 472-478.	8.2	133
5	A potpourri of microplastics in the sea surface and water column of the Mediterranean Sea. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 321-326.	11.4	127
6	One year intensive PM2.5 bound polycyclic aromatic hydrocarbons monitoring in the area of Tuscany, Italy. Concentrations, source understanding and implications. <i>Environmental Pollution</i> , 2012, 164, 252-258.	7.5	119
7	A review of PAH exposure from the combustion of biomass fuel and their less surveyed effect on the blood parameters. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4076-4098.	5.3	105
8	First detection of seven phthalate esters (PAEs) as plastic tracers in superficial neustonic/planktonic samples and cetacean blubber. <i>Analytical Methods</i> , 2017, 9, 1512-1520.	2.7	99
9	Cancer risk evaluation of brick kiln workers exposed to dust bound PAHs in Punjab province (Pakistan). <i>Science of the Total Environment</i> , 2014, 493, 562-570.	8.0	93
10	Occurrence of linear and cyclic volatile methyl siloxanes in indoor air samples (UK and Italy) and their isotopic characterization. <i>Environment International</i> , 2013, 59, 363-371.	10.0	89
11	Ingested microplastic as a two-way transporter for PBDEs in <i>Talitrus saltator</i> . <i>Environmental Research</i> , 2018, 167, 411-417.	7.5	87
12	Microplastics in the Black Sea sediments. <i>Science of the Total Environment</i> , 2021, 760, 143898.	8.0	87
13	The use of levoglucosan for tracing biomass burning in PM2.5 samples in Tuscany (Italy). <i>Environmental Pollution</i> , 2012, 167, 7-15.	7.5	86
14	A snapshot of microplastics in the coastal areas of the Mediterranean Sea. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 109, 173-179.	11.4	72
15	Nanotechnologies for Removal of Pharmaceuticals and Personal Care Products from Water and Wastewater. A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3333-3347.	0.9	71
16	PBDEs in Italian sewage sludge and environmental risk of using sewage sludge for land application. <i>Environmental Pollution</i> , 2012, 161, 229-234.	7.5	68
17	n-Alkanes, PAHs and surfactants in the sea surface microlayer and sea water samples of the Gerlache Inlet sea (Antarctica). <i>Microchemical Journal</i> , 2009, 92, 37-43.	4.5	67
18	Occurrence of polybrominated diphenyl ethers (PBDEs) in foodstuffs in Italy and implications for human exposure. <i>Food and Chemical Toxicology</i> , 2016, 89, 32-38.	3.6	64

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19	Reclamation of river dredged sediments polluted by PAHs by co-composting with green waste. <i>Science of the Total Environment</i> , 2016, 566-567, 567-574.	8.0	61
20	Long-term soil biological fertility, volatile organic compounds and chemical properties in a vineyard soil after biochar amendment. <i>Geoderma</i> , 2019, 344, 127-136.	5.1	57
21	Organochlorine pesticide air-water exchange and bioconcentration in krill in the Ross Sea. <i>Environmental Pollution</i> , 2009, 157, 2153-2158.	7.5	52
22	Perfluorinated carboxylic acids in human breast milk from Spain and estimation of infant's daily intake. <i>Science of the Total Environment</i> , 2016, 544, 595-600.	8.0	50
23	Measurement of volatile organic compounds (VOCs) in libraries and archives in Florence (Italy). <i>Science of the Total Environment</i> , 2016, 572, 333-339.	8.0	49
24	Enrichment of organic pollutants in the sea surface microlayer (SML) at Terra Nova Bay, Antarctica: influence of SML on superficial snow composition. <i>Journal of Environmental Monitoring</i> , 2005, 7, 1305.	2.1	48
25	Adsorption of Phenanthrene on Natural Snow. <i>Environmental Science & Technology</i> , 2007, 41, 6033-6038.	10.0	48
26	PAH exposure biomarkers are associated with clinico-chemical changes in the brick kiln workers in Pakistan. <i>Science of the Total Environment</i> , 2014, 490, 521-527.	8.0	48
27	Phytoremediation of sewage sludge contaminated by trace elements and organic compounds. <i>Environmental Research</i> , 2018, 164, 356-366.	7.5	46
28	Hazardous contaminants in plastics contained in compost and agricultural soil. <i>Chemosphere</i> , 2022, 293, 133645.	8.2	45
29	Persistent organic pollutants (POPs) in the atmosphere of coastal areas of the Ross Sea, Antarctica: Indications for long-term downward trends. <i>Chemosphere</i> , 2017, 178, 458-465.	8.2	42
30	Determination of 56 per- and polyfluoroalkyl substances in top predators and their prey from Northern Europe by LC-MS/MS. <i>Chemosphere</i> , 2022, 287, 131775.	8.2	40
31	Legacy persistent organic pollutants including PBDEs in the trophic web of the Ross Sea (Antarctica). <i>Chemosphere</i> , 2017, 185, 699-708.	8.2	39
32	Graphene-based nanomaterials in the electroplating industry: A suitable choice for heavy metal removal from wastewater. <i>Chemosphere</i> , 2022, 292, 133448.	8.2	35
33	Natural and anthropogenic hydrocarbons in the water column of the Ross Sea (Antarctica). <i>Journal of Marine Systems</i> , 2008, 73, 208-220.	2.1	33
34	PBDEs and PCBs in terrestrial ecosystems of the Victoria Land, Antarctica. <i>Chemosphere</i> , 2019, 231, 233-239.	8.2	33
35	Knowledge about Microplastic in Mediterranean Tributary River Ecosystems: Lack of Data and Research Needs on Such a Crucial Marine Pollution Source. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 216.	2.6	32
36	Occurrence and characterization of microplastic and mesoplastic pollution in the Migliarino San Rossore, Massaciuccoli Nature Park (Italy). <i>Marine Pollution Bulletin</i> , 2021, 171, 112712.	5.0	31

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37	A comparison between thermal-optical transmittance elemental carbon measured by different protocols in PM _{2.5} samples. <i>Science of the Total Environment</i> , 2016, 571, 195-205.	8.0	30
38	Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20132-20136.	5.3	30
39	Atmospheric Occurrence and Gas-Particle Partitioning of PBDEs in an Industrialised and Urban Area of Florence, Italy. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1121-1130.	2.1	30
40	Source, profile, and carcinogenic risk assessment for cohorts occupationally exposed to dust-bound PAHs in Lahore and Rawalpindi cities (Punjab province, Pakistan). <i>Environmental Science and Pollution Research</i> , 2015, 22, 10580-10591.	5.3	28
41	The contribution of waste water treatment plants to PBDEs in ambient air. <i>Environmental Pollution</i> , 2012, 169, 242-247.	7.5	27
42	Health and carcinogenic risk evaluation for cohorts exposed to PAHs in petrochemical workplaces in Rawalpindi city (Pakistan). <i>International Journal of Environmental Health Research</i> , 2016, 26, 37-57.	2.7	25
43	<i>Trematomus bernacchii</i> as an indicator of POP temporal trend in the Antarctic seawaters. <i>Environmental Pollution</i> , 2016, 217, 19-25.	7.5	25
44	Residential wood combustion and its impact on urban air quality in Europe. <i>Current Opinion in Environmental Science and Health</i> , 2019, 8, 10-14.	4.1	25
45	Biomarkers of PAH exposure and hematologic effects in subjects exposed to combustion emission during residential (and professional) cooking practices in Pakistan. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1284-1299.	5.3	22
46	Biochar improves the fertility of a Mediterranean vineyard without toxic impact on the microbial community. <i>Agronomy for Sustainable Development</i> , 2017, 37, 1.	5.3	22
47	Exposure to dust-bound PAHs and associated carcinogenic risk in primitive and traditional cooking practices in Pakistan. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12644-12654.	5.3	21
48	PBDEs in the supralittoral environment: The sandhopper <i>Talitrus saltator</i> (Montagu) as biomonitor?. <i>Chemosphere</i> , 2012, 86, 223-227.	8.2	19
49	Linking mobile source-PAHs and biological effects in traffic police officers and drivers in Rawalpindi (Pakistan). <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 135-143.	6.0	18
50	Occurrence of Natural and Synthetic Micro-Fibers in the Mediterranean Sea: A Review. <i>Toxics</i> , 2022, 10, 391.	3.7	16
51	Indoor air characterization of various microenvironments in the Arctic. The case of Tromsø, Norway. <i>Environmental Research</i> , 2014, 134, 1-7.	7.5	14
52	Development of an Electrochemical Immunoassay for the Detection of Polybrominated Diphenyl Ethers (PBDEs). <i>Electroanalysis</i> , 2016, 28, 1817-1823.	2.9	14
53	Occurrence and Quantification of Natural and Microplastic Items in Urban Streams: The Case of Mugnone Creek (Florence, Italy). <i>Toxics</i> , 2022, 10, 159.	3.7	12
54	Levels of perfluorinated acids (PFCAs) in different tissues of <i>Lepidochelys olivacea</i> sea turtles from the Escobilla beach (Oaxaca, Mexico). <i>Science of the Total Environment</i> , 2016, 572, 1059-1065.	8.0	10

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55	Environmental pollution from plasticiser compounds: Do we know enough about atmospheric levels and their contribution to human exposure in Europe?. <i>Current Opinion in Environmental Science and Health</i> , 2019, 8, 1-5.	4.1	10
56	Purification and inhibition studies with anions and sulfonamides of an $\hat{\text{I}}\pm$ -carbonic anhydrase from the Antarctic seal <i>Leptonychotes weddellii</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1847-1851.	3.0	9
57	Sandhopper <i>Talitrus saltator</i> (Montagu) as a Bioindicator of Contamination by Polycyclic Aromatic Hydrocarbons. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 1272-1276.	2.7	9
58	Indoor levels of volatile organic compounds at Florentine museum environments in Italy. <i>Indoor Air</i> , 2020, 30, 900-913.	4.3	9
59	Co-composting: An Opportunity to Produce Compost with Designated Tailor-Made Properties. , 2020, , 185-211.		8
60	Biomonitoring of polychlorinated byphenyls contamination in the supralittoral environment using the sandhopper <i>Talitrus saltator</i> (Montagu). <i>Chemistry and Ecology</i> , 2016, 32, 301-311.	1.6	6
61	Evaluation of a QuEChERS-like extraction approach for the determination of PBDEs in mussels by immuno-assay-based screening methods. <i>Talanta</i> , 2017, 170, 540-545.	5.5	6
62	Salt concentration and solar orientation in two supralittoral sandhoppers: <i>Talitrus saltator</i> (Montagu) and <i>Talorchestia ugolinii</i> Bellan Santini and Ruffo. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 455-460.	1.6	2
63	Anion and sulfonamide inhibition studies of an $\hat{\text{I}}\pm$ -carbonic anhydrase from the Antarctic hemoglobinless fish <i>Chionodraco hamatus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5485-5489.	2.2	2
64	Influence of inâ€ampforae vinification on the molecular profile of Sangiovese and Cabernet Franc. <i>Flavour and Fragrance Journal</i> , 2022, 37, 219-233.	2.6	1
65	Hexachlorocyclohexanes in Arctic and Antarctic Marine Ecosystems. , 0, , .		0
66	Different enzyme-based strategies for the development of disposable electrochemical biosensors: Application to environmental pollutant monitoring. , 2015, , .		0
67	Cyclic and Linear Siloxanes in Indoor Environments: Occurrence and Human Exposure. <i>Handbook of Environmental Chemistry</i> , 2019, , 181-200.	0.4	0