Tania Martellini

List of Publications by Year in descending order

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Τλνιλ Μλατειιινι

#	Article	IF	CITATIONS
1	Microplastic in the surface waters of the Ross Sea (Antarctica): Occurrence, distribution and characterization by FTIR. Chemosphere, 2017, 175, 391-400.	8.2	440
2	Indoor Air Quality and Health. International Journal of Environmental Research and Public Health, 2017, 14, 1286.	2.6	236
3	Microplastics in cosmetics: Environmental issues and needs for global bans. Environmental Toxicology and Pharmacology, 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). Chemosphere, 2007, 68, 472-478.	8.2	133
5	A potpourri of microplastics in the sea surface and water column of the Mediterranean Sea. TrAC - Trends in Analytical Chemistry, 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. Environmental Pollution, 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. Environmental Science and Pollution Research, 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. Analytical Methods, 2017, 9, 1512-1520.	2.7	99
9	Cancer risk evaluation of brick kiln workers exposed to dust bound PAHs in Punjab province (Pakistan). Science of the Total Environment, 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. Environment International, 2013, 59, 363-371.	10.0	89
11	Ingested microplastic as a two-way transporter for PBDEs in Talitrus saltator. Environmental Research, 2018, 167, 411-417.	7.5	87
12	Microplastics in the Black Sea sediments. Science of the Total Environment, 2021, 760, 143898.	8.0	87
13	The use of levoglucosan for tracing biomass burning in PM2.5 samples in Tuscany (Italy). Environmental Pollution, 2012, 167, 7-15.	7.5	86
14	A snapshot of microplastics in the coastal areas of the Mediterranean Sea. TrAC - Trends in Analytical Chemistry, 2018, 109, 173-179.	11.4	72
15	Nanotechnologies for Removal of Pharmaceuticals and Personal Care Products from Water and Wastewater. A Review. Journal of Nanoscience and Nanotechnology, 2015, 15, 3333-3347.	0.9	71
16	PBDEs in Italian sewage sludge and environmental risk of using sewage sludge for land application. Environmental Pollution, 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). Microchemical Journal, 2009, 92, 37-43.	4.5	67
18	Occurrence of polybrominated diphenyl ethers (PBDEs) in foodstuffs in Italy and implications for human exposure. Food and Chemical Toxicology, 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. Science of the Total Environment, 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. Geoderma, 2019, 344, 127-136.	5.1	57
21	Organochlorine pesticide air–water exchange and bioconcentration in krill in the Ross Sea. Environmental Pollution, 2009, 157, 2153-2158.	7.5	52
22	Perfluorinated carboxylic acids in human breast milk from Spain and estimation of infant's daily intake. Science of the Total Environment, 2016, 544, 595-600.	8.0	50
23	Measurement of volatile organic compounds (VOCs) in libraries and archives in Florence (Italy). Science of the Total Environment, 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. Journal of Environmental Monitoring, 2005, 7, 1305.	2.1	48
25	Adsorption of Phenanthrene on Natural Snow. Environmental Science & Technology, 2007, 41, 6033-6038.	10.0	48
26	PAH exposure biomarkers are associated with clinico-chemical changes in the brick kiln workers in Pakistan. Science of the Total Environment, 2014, 490, 521-527.	8.0	48
27	Phytoremediation of sewage sludge contaminated by trace elements and organic compounds. Environmental Research, 2018, 164, 356-366.	7.5	46
28	Hazardous contaminants in plastics contained in compost and agricultural soil. Chemosphere, 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. Chemosphere, 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. Chemosphere, 2022, 287, 131775.	8.2	40
31	Legacy persistent organic pollutants including PBDEs in the trophic web of the Ross Sea (Antarctica). Chemosphere, 2017, 185, 699-708.	8.2	39
32	Graphene-based nanomaterials in the electroplating industry: A suitable choice for heavy metal removal from wastewater. Chemosphere, 2022, 292, 133448.	8.2	35
33	Natural and anthropogenic hydrocarbons in the water column of the Ross Sea (Antarctica). Journal of Marine Systems, 2008, 73, 208-220.	2.1	33
34	PBDEs and PCBs in terrestrial ecosystems of the Victoria Land, Antarctica. Chemosphere, 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. Journal of Marine Science and Engineering, 2020, 8, 216.	2.6	32
36	Occurrence and characterization of microplastic and mesoplastic pollution in the Migliarino San Rossore, Massaciuccoli Nature Park (Italy). Marine Pollution Bulletin, 2021, 171, 112712.	5.0	31

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37	A comparison between thermal-optical transmittance elemental carbon measured by different protocols in PM2.5 samples. Science of the Total Environment, 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. Environmental Science and Pollution Research, 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. Aerosol and Air Quality Research, 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). Environmental Science and Pollution Research, 2015, 22, 10580-10591.	5.3	28
41	The contribution of waste water treatment plants to PBDEs in ambient air. Environmental Pollution, 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). International Journal of Environmental Health Research, 2016, 26, 37-57.	2.7	25
43	Trematomus bernacchii as an indicator of POP temporal trend in the Antarctic seawaters. Environmental Pollution, 2016, 217, 19-25.	7.5	25
44	Residential wood combustion and its impact on urban air quality in Europe. Current Opinion in Environmental Science and Health, 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. Environmental Science and Pollution Research, 2016, 23, 1284-1299.	5.3	22
46	Biochar improves the fertility of a Mediterranean vineyard without toxic impact on the microbial community. Agronomy for Sustainable Development, 2017, 37, 1.	5.3	22
47	Exposure to dust-bound PAHs and associated carcinogenic risk in primitive and traditional cooking practices in Pakistan. Environmental Science and Pollution Research, 2015, 22, 12644-12654.	5.3	21
48	PBDEs in the supralittoral environment: The sandhopper Talitrus saltator (Montagu) as biomonitor?. Chemosphere, 2012, 86, 223-227.	8.2	19
49	Linking mobile source-PAHs and biological effects in traffic police officers and drivers in Rawalpindi (Pakistan). Ecotoxicology and Environmental Safety, 2016, 127, 135-143.	6.0	18
50	Occurrence of Natural and Synthetic Micro-Fibers in the Mediterranean Sea: A Review. Toxics, 2022, 10, 391.	3.7	16
51	Indoor air characterization of various microenvironments in the Arctic. The case of TromsÃ~, Norway. Environmental Research, 2014, 134, 1-7.	7.5	14
52	Development of an Electrochemical Immunoassay for the Detection of Polybrominated Diphenyl Ethers (PBDEs). Electroanalysis, 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). Toxics, 2022, 10, 159.	3.7	12
54	Levels of perfluorinated acids (PFCAs) in different tissues of Lepidochelys olivacea sea turtles from the Escobilla beach (Oaxaca, Mexico). Science of the Total Environment, 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?. Current Opinion in Environmental Science and Health, 2019, 8, 1-5.	4.1	10
56	Purification and inhibition studies with anions and sulfonamides of an α-carbonic anhydrase from the Antarctic seal Leptonychotes weddellii. Bioorganic and Medicinal Chemistry, 2011, 19, 1847-1851.	3.0	9
57	Sandhopper Talitrus saltator (Montagu) as a Bioindicator of Contamination by Polycyclic Aromatic Hydrocarbons. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 1272-1276.	2.7	9
58	Indoor levels of volatile organic compounds at Florentine museum environments in Italy. Indoor Air, 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). Chemistry and Ecology, 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. Talanta, 2017, 170, 540-545.	5.5	6
62	Salt concentration and solar orientation in two supralittoral sandhoppers: Talitrus saltator (Montagu) and Talorchestia ugolinii Bellan Santini and Ruffo. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2015, 201, 455-460.	1.6	2
63	Anion and sulfonamide inhibition studies of an α-carbonic anhydrase from the Antarctic hemoglobinless fish Chionodraco hamatus. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5485-5489.	2.2	2
64	Influence of inâ€amphorae vinification on the molecular profile of Sangiovese and Cabernet Franc. Flavour and Fragrance Journal, 2022, 37, 219-233.	2.6	1
65	Hexachlorocyclohexanes in Arctic and Antarctic Marine Ecosystems. , 0, , .		Ο
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. Handbook of Environmental Chemistry, 2019, , 181-200.	0.4	0