

# Tania Martellini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/862673/publications.pdf>

Version: 2024-02-01

67  
papers

3,480  
citations

156536

32  
h-index

162838

57  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5130  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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.   | 4.2 | 40        |
| 2  | Graphene-based nanomaterials in the electroplating industry: A suitable choice for heavy metal removal from wastewater. <i>Chemosphere</i> , 2022, 292, 133448.   | 4.2 | 35        |
| 3  | Hazardous contaminants in plastics contained in compost and agricultural soil. <i>Chemosphere</i> , 2022, 293, 133645.  | 4.2 | 45        |
| 4  | Occurrence and Quantification of Natural and Microplastic Items in Urban Streams: The Case of Mugnone Creek (Florence, Italy). <i>Toxics</i> , 2022, 10, 159.   | 1.6 | 12        |
| 5  | Influence of inâ€amporaee vinification on the molecular profile of Sangiovese and Cabernet Franc. <i>Flavour and Fragrance Journal</i> , 2022, 37, 219-233.   | 1.2 | 1         |
| 6  | Occurrence of Natural and Synthetic Micro-Fibers in the Mediterranean Sea: A Review. <i>Toxics</i> , 2022, 10, 391.   | 1.6 | 16        |
| 7  | Microplastics in the Black Sea sediments. <i>Science of the Total Environment</i> , 2021, 760, 143898.  | 3.9 | 87        |
| 8  | 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.                     | 2.3 | 31        |
| 9  | Indoor levels of volatile organic compounds at Florentine museum environments in Italy. <i>Indoor Air</i> , 2020, 30, 900-913.  | 2.0 | 9         |
| 10 | 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. | 1.2 | 32        |
| 11 | Co-composting: An Opportunity to Produce Compost with Designated Tailor-Made Properties. , 2020, , 185-211.   |     | 8         |
| 12 | PBDEs and PCBs in terrestrial ecosystems of the Victoria Land, Antarctica. <i>Chemosphere</i> , 2019, 231, 233-239.   | 4.2 | 33        |
| 13 | 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.  | 2.7 | 30        |
| 14 | 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.   | 2.3 | 57        |
| 15 | Microplastics in cosmetics: Environmental issues and needs for global bans. <i>Environmental Toxicology and Pharmacology</i> , 2019, 68, 75-79.   | 2.0 | 198       |
| 16 | Cyclic and Linear Siloxanes in Indoor Environments: Occurrence and Human Exposure. <i>Handbook of Environmental Chemistry</i> , 2019, , 181-200.  | 0.2 | 0         |
| 17 | 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.   | 2.1 | 25        |
| 18 | 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.   | 5.8 | 127       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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. | 2.1 | 10        |
| 20 | Phytoremediation of sewage sludge contaminated by trace elements and organic compounds. <i>Environmental Research</i> , 2018, 164, 356-366.  | 3.7 | 46        |
| 21 | A snapshot of microplastics in the coastal areas of the Mediterranean Sea. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 109, 173-179.  | 5.8 | 72        |
| 22 | Ingested microplastic as a two-way transporter for PBDEs in <i>Talitrus saltator</i> . <i>Environmental Research</i> , 2018, 167, 411-417.   | 3.7 | 87        |
| 23 | 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.                                       | 4.2 | 42        |
| 24 | Microplastic in the surface waters of the Ross Sea (Antarctica): Occurrence, distribution and characterization by FTIR. <i>Chemosphere</i> , 2017, 175, 391-400.   | 4.2 | 440       |
| 25 | 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.  | 2.9 | 6         |
| 26 | 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.  | 1.3 | 99        |
| 27 | Biochar improves the fertility of a Mediterranean vineyard without toxic impact on the microbial community. <i>Agronomy for Sustainable Development</i> , 2017, 37, 1.   | 2.2 | 22        |
| 28 | Legacy persistent organic pollutants including PBDEs in the trophic web of the Ross Sea (Antarctica). <i>Chemosphere</i> , 2017, 185, 699-708.   | 4.2 | 39        |
| 29 | Indoor Air Quality and Health. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1286.  | 1.2 | 236       |
| 30 | 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.                           | 0.6 | 6         |
| 31 | Levels of perfluorinated acids (PFCA) 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.              | 3.9 | 10        |
| 32 | A comparison between thermal-optical transmittance elemental carbon measured by different protocols in PM <sub>2.5</sub> samples. <i>Science of the Total Environment</i> , 2016, 571, 195-205.                                | 3.9 | 30        |
| 33 | Measurement of volatile organic compounds (VOCs) in libraries and archives in Florence (Italy). <i>Science of the Total Environment</i> , 2016, 572, 333-339.  | 3.9 | 49        |
| 34 | Development of an Electrochemical Immunoassay for the Detection of Polybrominated Diphenyl Ethers (PBDEs). <i>Electroanalysis</i> , 2016, 28, 1817-1823.   | 1.5 | 14        |
| 35 | 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.   | 3.9 | 61        |
| 36 | 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.                | 1.3 | 25        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | 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.   | 3.9 | 50        |
| 38 | <i>Trematomus bernacchii</i> as an indicator of POP temporal trend in the Antarctic seawaters. <i>Environmental Pollution</i> , 2016, 217, 19-25.  | 3.7 | 25        |
| 39 | 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.  | 1.8 | 64        |
| 40 | 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.   | 2.9 | 18        |
| 41 | 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.  | 2.7 | 22        |
| 42 | Different enzyme-based strategies for the development of disposable electrochemical biosensors: Application to environmental pollutant monitoring. , 2015, , .   |     | 0         |
| 43 | 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. | 0.7 | 2         |
| 44 | 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.  | 2.7 | 28        |
| 45 | 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.  | 2.7 | 21        |
| 46 | Anion and sulfonamide inhibition studies of an $\hat{\pm}$ -carbonic anhydrase from the Antarctic hemoglobinless fish <i>Chionodraco hamatus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5485-5489.  | 1.0 | 2         |
| 47 | 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        |
| 48 | 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.  | 2.7 | 105       |
| 49 | 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.   | 3.9 | 93        |
| 50 | Indoor air characterization of various microenvironments in the Arctic. The case of Troms $\ddot{A}$ , Norway. <i>Environmental Research</i> , 2014, 134, 1-7.   | 3.7 | 14        |
| 51 | 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.  | 3.9 | 48        |
| 52 | 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.   | 0.9 | 30        |
| 53 | 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.  | 4.8 | 89        |
| 54 | 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.   | 1.3 | 9         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | PBDEs in the supralittoral environment: The sandhopper <i>Talitrus saltator</i> (Montagu) as biomonitor?. <i>Chemosphere</i> , 2012, 86, 223-227.  | 4.2 | 19        |
| 56 | PBDEs in Italian sewage sludge and environmental risk of using sewage sludge for land application. <i>Environmental Pollution</i> , 2012, 161, 229-234.  | 3.7 | 68        |
| 57 | 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.            | 3.7 | 119       |
| 58 | The use of levoglucosan for tracing biomass burning in PM2.5 samples in Tuscany (Italy). <i>Environmental Pollution</i> , 2012, 167, 7-15.   | 3.7 | 86        |
| 59 | The contribution of waste water treatment plants to PBDEs in ambient air. <i>Environmental Pollution</i> , 2012, 169, 242-247.   | 3.7 | 27        |
| 60 | Purification and inhibition studies with anions and sulfonamides of an $\hat{\pm}$ -carbonic anhydrase from the Antarctic seal <i>Leptonychotes weddellii</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1847-1851. | 1.4 | 9         |
| 61 | Organochlorine pesticide air-water exchange and bioconcentration in krill in the Ross Sea. <i>Environmental Pollution</i> , 2009, 157, 2153-2158.  | 3.7 | 52        |
| 62 | 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.  | 2.3 | 67        |
| 63 | Natural and anthropogenic hydrocarbons in the water column of the Ross Sea (Antarctica). <i>Journal of Marine Systems</i> , 2008, 73, 208-220.   | 0.9 | 33        |
| 64 | 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.  | 4.2 | 133       |
| 65 | Adsorption of Phenanthrene on Natural Snow. <i>Environmental Science &amp; Technology</i> , 2007, 41, 6033-6038.   | 4.6 | 48        |
| 66 | 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        |
| 67 | Hexachlorocyclohexanes in Arctic and Antarctic Marine Ecosystems. , 0, , .   |     | 0         |