

# Luca Nizzetto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7851295/publications.pdf>

Version: 2024-02-01

82  
papers

6,593  
citations

101384

36  
h-index

64668

79  
g-index

82  
all docs

82  
docs citations

82  
times ranked

6227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Line ferries and cargo ships for the monitoring of marine contaminants of emerging concern: Application along a Europe-Arctic transect. <i>Journal of Hazardous Materials</i> , 2022, 424, 127232.	6.5	5
2	Fate of microplastics in agricultural soils amended with sewage sludge: Is surface water runoff a relevant environmental pathway?. <i>Environmental Pollution</i> , 2022, 293, 118520.	3.7	37
3	Endocrine-disrupting chemicals used as common plastic additives: Levels, profiles, and human dietary exposure from the Indian food basket. <i>Science of the Total Environment</i> , 2022, 810, 152200.	3.9	27
4	Interlinkage Between Persistent Organic Pollutants and Plastic in the Waste Management System of India: An Overview. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 109, 927-936.	1.3	17
5	Ecological Memory of Historical Contamination Influences the Response of Phytoplankton Communities. <i>Ecosystems</i> , 2021, 24, 1591-1607.	1.6	3
6	Role of low-latitude forests in modulating forest filter effect on a continental scale: Long-term simulation on PCB-153 in Chinese forests. <i>Science of the Total Environment</i> , 2021, 778, 146285.	3.9	2
7	Binding of waterborne pharmaceutical and personal care products to natural dissolved organic matter. <i>Science of the Total Environment</i> , 2021, 784, 147208.	3.9	14
8	Unfolding the interaction between microplastics and (trace) elements in water: A critical review. <i>Water Research</i> , 2021, 204, 117637.	5.3	63
9	Spatio-temporal distribution of microplastics in a Mediterranean river catchment: The importance of wastewater as an environmental pathway. <i>Journal of Hazardous Materials</i> , 2021, 420, 126481.	6.5	53
10	A comprehensive assessment of endocrine-disrupting chemicals in an Indian food basket: Levels, dietary intakes, and comparison with European data. <i>Environmental Pollution</i> , 2021, 288, 117750.	3.7	25
11	Critical assessment of an equilibrium-based method to study the binding of waterborne organic contaminants to natural dissolved organic matter (DOM). <i>Chemosphere</i> , 2021, 285, 131524.	4.2	10
12	Transfer and transport of microplastics from biosolids to agricultural soils and the wider environment. <i>Science of the Total Environment</i> , 2020, 724, 138334.	3.9	210
13	Top Priority to Curb Plastic Pollution: Empowering Those at the Bottom. <i>One Earth</i> , 2020, 2, 11-15.	3.6	7
14	Understanding the Role of Organic Matter Cycling for the Spatio-Temporal Structure of PCBs in the North Sea. <i>Water (Switzerland)</i> , 2020, 12, 817.	1.2	4
15	Plastic waste in the terrestrial environment. , 2020, , 163-193.		20
16	Water Browning Controls Adaptation and Associated Trade-Offs in Phytoplankton Stressed by Chemical Pollution. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5569-5579.	4.6	8
17	Health and ecological risk assessment of emerging contaminants (pharmaceuticals, personal care) Tj ETQq1 1 0.784314 rgBT /Overlook Basin, India. <i>Science of the Total Environment</i> , 2019, 646, 1459-1467.	3.9	328
18	Plastic sources: A survey across scientific and grey literature for their inventory and relative contribution to microplastics pollution in natural environments, with an emphasis on surface water. <i>Science of the Total Environment</i> , 2019, 693, 133499.	3.9	210

#	ARTICLE	IF	CITATIONS
19	Resilience of Natural Phytoplankton Communities to Pulse Disturbances from Micropollutant Exposure and Vertical Mixing. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2197-2208.	2.2	7
20	A single pulse of diffuse contaminants alters the size distribution of natural phytoplankton communities. <i>Science of the Total Environment</i> , 2019, 683, 578-588.	3.9	11
21	Assessing Air-Surface Exchange and Fate of Mercury in a Subtropical Forest Using a Novel Passive Exchange-Meter Device. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4869-4879.	4.6	6
22	Modelling Environmental Impacts of Cesium-137 Under a Hypothetical Release of Radioactive Waste. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 69-74.	1.3	1
23	Can polyethylene passive samplers predict polychlorinated biphenyls (PCBs) uptake by earthworms and turnips in a biochar amended soil?. <i>Science of the Total Environment</i> , 2019, 662, 873-880.	3.9	15
24	Baseline investigation on plasticizers, bisphenol A, polycyclic aromatic hydrocarbons and heavy metals in the surface soil of the informal electronic waste recycling workshops and nearby open dumpsites in Indian metropolitan cities. <i>Environmental Pollution</i> , 2019, 248, 1036-1045.	3.7	99
25	Spatial gradients of polycyclic aromatic hydrocarbons (PAHs) in air, atmospheric deposition, and surface water of the Ganges River basin. <i>Science of the Total Environment</i> , 2018, 627, 1495-1504.	3.9	50
26	Estimation of p,p'-DDT degradation in soil by modeling and constraining hydrological and biogeochemical controls. <i>Environmental Pollution</i> , 2018, 239, 179-188.	3.7	4
27	Fate and occurrence of micro(nano)plastics in soils: Knowledge gaps and possible risks. <i>Current Opinion in Environmental Science and Health</i> , 2018, 1, 6-11.	2.1	391
28	Retention performance of three widely used SPE sorbents for the extraction of perfluoroalkyl substances from seawater. <i>Chemosphere</i> , 2018, 193, 259-269.	4.2	25
29	Validation of a Method for Extracting Microplastics from Complex, Organic-Rich, Environmental Matrices. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7409-7417.	4.6	551
30	Modelling metaldehyde in catchments: a River Thames case-study. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 586-595.	1.7	19
31	Contaminants of emerging concern in the open sea waters of the Western Mediterranean. <i>Environmental Pollution</i> , 2017, 229, 976-983.	3.7	108
32	Water-borne pharmaceuticals reduce phenotypic diversity and response capacity of natural phytoplankton communities. <i>PLoS ONE</i> , 2017, 12, e0174207.	1.1	17
33	Exploring the occurrence and distribution of contaminants of emerging concern through unmanned sampling from ships of opportunity in the North Sea. <i>Journal of Marine Systems</i> , 2016, 162, 47-56.	0.9	41
34	Per- and polyfluoroalkyl substances in the Western Mediterranean Sea waters. <i>Chemosphere</i> , 2016, 159, 308-316.	4.2	30
35	Are Agricultural Soils Dumps for Microplastics of Urban Origin?. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10777-10779.	4.6	1,014
36	Pollution: Do microplastics spill on to farm soils?. <i>Nature</i> , 2016, 537, 488-488.	13.7	240

#	ARTICLE	IF	CITATIONS
37	A theoretical assessment of microplastic transport in river catchments and their retention by soils and river sediments. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1050-1059.	1.7	455
38	The influence of tree species composition on the storage and mobility of semivolatile organic compounds in forest soils. <i>Science of the Total Environment</i> , 2016, 553, 532-540.	3.9	13
39	Fate and transport of polychlorinated biphenyls (PCBs) in the River Thames catchment – Insights from a coupled multimedia fate and hydrobiogeochemical transport model. <i>Science of the Total Environment</i> , 2016, 572, 1461-1470.	3.9	29
40	Assessment of contaminant fate in catchments using a novel integrated hydrobiogeochemical-multimedia fate model. <i>Science of the Total Environment</i> , 2016, 544, 553-563.	3.9	30
41	Perfluoroalkyl substances (PFAS) in river and ground/drinking water of the Ganges River basin: Emissions and implications for human exposure. <i>Environmental Pollution</i> , 2016, 208, 704-713.	3.7	189
42	DDTs and HCHs in sediment cores from the coastal East China Sea. <i>Science of the Total Environment</i> , 2016, 539, 388-394.	3.9	44
43	Spatial Distribution of Old and Emerging Flame Retardants in Chinese Forest Soils: Sources, Trends and Processes.. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2904-2911.	4.6	79
44	Air–Seawater Exchange of Organochlorine Pesticides along the Sediment Plume of a Large Contaminated River. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5354-5362.	4.6	24
45	Elevated Mobility of Persistent Organic Pollutants in the Soil of a Tropical Rainforest. <i>Environmental Science &amp; Technology</i> , 2015, 49, 4302-4309.	4.6	16
46	Melting Himalayan glaciers contaminated by legacy atmospheric depositions are important sources of PCBs and high-molecular-weight PAHs for the Ganges floodplain during dry periods. <i>Environmental Pollution</i> , 2015, 206, 588-596.	3.7	44
47	Polychlorinated naphthalenes (PCNs) in Chinese forest soil: Will combustion become a major source?. <i>Environmental Pollution</i> , 2015, 204, 124-132.	3.7	15
48	Diurnal Variability of Persistent Organic Pollutants in the Atmosphere over the Remote Southern Atlantic Ocean. <i>Atmosphere</i> , 2014, 5, 622-634.	1.0	1
49	Screening for Selected Human Pharmaceuticals and Cocaine in the Urban Streams of Manaus, Amazonas, Brazil. <i>Journal of the American Water Resources Association</i> , 2014, 50, 302-308.	1.0	53
50	Environment and human exposure to persistent organic pollutants (POPs) in India: A systematic review of recent and historical data. <i>Environment International</i> , 2014, 66, 48-64.	4.8	121
51	Does an analysis of polychlorinated biphenyl (PCB) distribution in mountain soils across China reveal a latitudinal fractionation paradox?. <i>Environmental Pollution</i> , 2014, 195, 115-122.	3.7	26
52	Accumulation Kinetics and Equilibrium Partitioning Coefficients for Semivolatile Organic Pollutants in Forest Litter. <i>Environmental Science &amp; Technology</i> , 2014, 48, 420-428.	4.6	12
53	The legal framework to manage chemical pollution in India and the lesson from the Persistent Organic Pollutants (POPs). <i>Science of the Total Environment</i> , 2014, 490, 733-747.	3.9	40
54	Assessing triclosan-induced ecological and trans-generational effects in natural phytoplankton communities: a trait-based field method. <i>Ecotoxicology</i> , 2013, 22, 779-794.	1.1	38

#	ARTICLE	IF	CITATIONS
55	Critical evaluation of a new passive exchange-meter for assessing multimedia fate of persistent organic pollutants at the air-soil interface. <i>Environmental Pollution</i> , 2013, 181, 144-150.	3.7	7
56	Influence of Climate and Land Use Change on Spatially Resolved Volatilization of Persistent Organic Pollutants (POPs) from Background Soils. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7052-7059.	4.6	60
57	Atmospheric Transport, Cycling and Dynamics of Polychlorinated Biphenyls (PCBs) from Source Regions to Remote Oceanic Areas. <i>ACS Symposium Series</i> , 2013, , 3-18.	0.5	10
58	Forest leaf area index in an Alpine valley from medium resolution satellite imagery and <i>in situ</i> data. <i>Journal of Applied Remote Sensing</i> , 2012, 6, 063528.	0.6	3
59	Biological Pump Control of the Fate and Distribution of Hydrophobic Organic Pollutants in Water and Plankton. <i>Environmental Science &amp; Technology</i> , 2012, 46, 3204-3211.	4.6	119
60	Presence, fate and effects of the intense sweetener sucralose in the aquatic environment. <i>Science of the Total Environment</i> , 2012, 438, 510-516.	3.9	87
61	Climatic, Biological, and Land Cover Controls on the Exchange of Gas-Phase Semivolatile Chemical Pollutants between Forest Canopies and the Atmosphere. <i>Environmental Science &amp; Technology</i> , 2012, 46, 2699-2707.	4.6	23
62	Bioconcentration and Intracellular Storage of Hexachlorobenzene in Charophytes and Their Potential Role in Monitoring and Remediation Actions. <i>Environmental Science &amp; Technology</i> , 2012, 46, 12427-12434.	4.6	12
63	The binding of phenanthrene to engineered silver and gold nanoparticles. <i>Science of the Total Environment</i> , 2012, 425, 283-288.	3.9	10
64	Evidence for Major Emissions of PCBs in the West African Region. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1349-1355.	4.6	90
65	Novel System for Controlled Investigation of Environmental Partitioning of Hydrophobic Compounds in Water. <i>Environmental Science &amp; Technology</i> , 2011, 45, 7834-7840.	4.6	5
66	Sources, Transport and Fate of Organic Pollutants in the Oceanic Environment. , 2011, , 111-139.		11
67	Atlantic Ocean Surface Waters Buffer Declining Atmospheric Concentrations of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6978-6984.	4.6	63
68	Field-derived Henry's law constants for polychlorinated biphenyls in oceanic waters. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7
69	Past, Present, and Future Controls on Levels of Persistent Organic Pollutants in the Global Environment. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6526-6531.	4.6	214
70	Organochlorine Pesticides and PAHs in the Surface Water and Atmosphere of the North Atlantic and Arctic Ocean. <i>Environmental Science &amp; Technology</i> , 2009, 43, 5633-5639.	4.6	192
71	Air-Boreal Forest Transfer and Processing of Polychlorinated Biphenyls. <i>Environmental Science &amp; Technology</i> , 2009, 43, 5282-5289.	4.6	41
72	Use of Depuration Compounds in Passive Air Samplers: Results from Active Sampling-Supported Field Deployment, Potential Uses, and Recommendations. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3227-3232.	4.6	76

#	ARTICLE	IF	CITATIONS
73	PAHs in Air and Seawater along a North-South Atlantic Transect: Trends, Processes and Possible Sources. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1580-1585.	4.6	156
74	Field derived accumulation and release kinetics of DDTs in plants. <i>Chemosphere</i> , 2008, 72, 1497-1503.	4.2	9
75	Seasonality of the Air-Forest Canopy Exchange of Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8778-8783.	4.6	38
76	Persistent Organic Pollutants in Boreal and Montane Soil Profiles: Distribution, Evidence of Processes and Implications for Global Cycling. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8374-8380.	4.6	82
77	Accumulation Parameters and Seasonal Trends for PCBs in Temperate and Boreal Forest Plant Species. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5911-5916.	4.6	56
78	Polychlorinated Biphenyls (PCBs) in Air and Seawater of the Atlantic Ocean: Sources, Trends and Processes. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1416-1422.	4.6	119
79	Tracing the fate of PCBs in forest ecosystems. <i>Journal of Environmental Monitoring</i> , 2007, 9, 542.	2.1	15
80	Accumulation of Persistent Organic Pollutants in Canopies of Different Forest Types: Role of Species Composition and Altitudinal-Temperature Gradient. <i>Environmental Science &amp; Technology</i> , 2006, 40, 6580-6586.	4.6	33
81	Deposition of PCBs in mountains: The forest filter effect of different forest ecosystem types. <i>Ecotoxicology and Environmental Safety</i> , 2006, 63, 75-83.	2.9	78
82	PCBs and Selected Organochlorine Compounds in Italian Mountain Air: the Influence of Altitude and Forest Ecosystem Type. <i>Environmental Science &amp; Technology</i> , 2005, 39, 3455-3463.	4.6	76