Luca Nizzetto

List of Publications by Year
in descending order

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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	Are Agricultural Soils Dumps for Microplastics of Urban Origin?. Environmental Science & Technology, 2016, 50, 10777-10779.	4.6	1,014
2	Validation of a Method for Extracting Microplastics from Complex, Organic-Rich, Environmental Matrices. Environmental Science & Technology, 2018, 52, 7409-7417.	4.6	551
3	A theoretical assessment of microplastic transport in river catchments and their retention by soils and river sediments. Environmental Sciences: Processes and Impacts, 2016, 18, 1050-1059.	1.7	455
4	Fate and occurrence of micro(nano)plastics in soils: Knowledge gaps and possible risks. Current Opinion in Environmental Science and Health, 2018, 1, 6-11.	2.1	391
5	Health and ecological risk assessment of emerging contaminants (pharmaceuticals, personal care) Tj ETQq1 1 0.784314 rgBT /Overlock Basin, India. Science of the Total Environment, 2019, 646, 1459-1467.	3.9	328
6	Pollution: Do microplastics spill on to farm soils?. Nature, 2016, 537, 488-488.	13.7	240
7	Past, Present, and Future Controls on Levels of Persistent Organic Pollutants in the Global Environment. Environmental Science & Technology, 2010, 44, 6526-6531.	4.6	214
8	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. Science of the Total Environment, 2019, 693, 133499.	3.9	210
9	Transfer and transport of microplastics from biosolids to agricultural soils and the wider environment. Science of the Total Environment, 2020, 724, 138334.	3.9	210
10	Organochlorine Pesticides and PAHs in the Surface Water and Atmosphere of the North Atlantic and Arctic Ocean. Environmental Science & Technology, 2009, 43, 5633-5639.	4.6	192
11	Perfluoroalkyl substances (PFAS) in river and ground/drinking water of the Ganges River basin: Emissions and implications for human exposure. Environmental Pollution, 2016, 208, 704-713.	3.7	189
12	PAHs in Air and Seawater along a Northâ€“South Atlantic Transect: Trends, Processes and Possible Sources. Environmental Science & Technology, 2008, 42, 1580-1585.	4.6	156
13	Environment and human exposure to persistent organic pollutants (POPs) in India: A systematic review of recent and historical data. Environment International, 2014, 66, 48-64.	4.8	121
14	Polychlorinated Biphenyls (PCBs) in Air and Seawater of the Atlantic Ocean: Sources, Trends and Processes. Environmental Science & Technology, 2008, 42, 1416-1422.	4.6	119
15	Biological Pump Control of the Fate and Distribution of Hydrophobic Organic Pollutants in Water and Plankton. Environmental Science & Technology, 2012, 46, 3204-3211.	4.6	119
16	Contaminants of emerging concern in the open sea waters of the Western Mediterranean. Environmental Pollution, 2017, 229, 976-983.	3.7	108
17	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. Environmental Pollution, 2019, 248, 1036-1045.	3.7	99
18	Evidence for Major Emissions of PCBs in the West African Region. Environmental Science & Technology, 2011, 45, 1349-1355.	4.6	90

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19	Presence, fate and effects of the intense sweetener sucralose in the aquatic environment. Science of the Total Environment, 2012, 438, 510-516.	3.9	87
20	Persistent Organic Pollutants in Boreal and Montane Soil Profiles: Distribution, Evidence of Processes and Implications for Global Cycling. Environmental Science & Technology, 2008, 42, 8374-8380.	4.6	82
21	Spatial Distribution of Old and Emerging Flame Retardants in Chinese Forest Soils: Sources, Trends and Processes.. Environmental Science & Technology, 2015, 49, 2904-2911.	4.6	79
22	Deposition of PCBs in mountains: The forest filter effect of different forest ecosystem types. Ecotoxicology and Environmental Safety, 2006, 63, 75-83.	2.9	78
23	PCBs and Selected Organochlorine Compounds in Italian Mountain Air:Â the Influence of Altitude and Forest Ecosystem Type. Environmental Science & Technology, 2005, 39, 3455-3463.	4.6	76
24	Use of Depuration Compounds in Passive Air Samplers: Results from Active Sampling-Supported Field Deployment, Potential Uses, and Recommendations. Environmental Science & Technology, 2009, 43, 3227-3232.	4.6	76
25	Atlantic Ocean Surface Waters Buffer Declining Atmospheric Concentrations of Persistent Organic Pollutants. Environmental Science & Technology, 2010, 44, 6978-6984.	4.6	63
26	Unfolding the interaction between microplastics and (trace) elements in water: A critical review. Water Research, 2021, 204, 117637.	5.3	63
27	Influence of Climate and Land Use Change on Spatially Resolved Volatilization of Persistent Organic Pollutants (POPs) from Background Soils. Environmental Science & Technology, 2013, 47, 7052-7059.	4.6	60
28	Accumulation Parameters and Seasonal Trends for PCBs in Temperate and Boreal Forest Plant Species. Environmental Science & Technology, 2008, 42, 5911-5916.	4.6	56
29	Screening for Selected Human Pharmaceuticals and Cocaine in the Urban Streams of Manaus, Amazonas, Brazil. Journal of the American Water Resources Association, 2014, 50, 302-308.	1.0	53
30	Spatio-temporal distribution of microplastics in a Mediterranean river catchment: The importance of wastewater as an environmental pathway. Journal of Hazardous Materials, 2021, 420, 126481.	6.5	53
31	Spatial gradients of polycyclic aromatic hydrocarbons (PAHs) in air, atmospheric deposition, and surface water of the Ganges River basin. Science of the Total Environment, 2018, 627, 1495-1504.	3.9	50
32	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. Environmental Pollution, 2015, 206, 588-596.	3.7	44
33	DDTs and HCHs in sediment cores from the coastal East China Sea. Science of the Total Environment, 2016, 539, 388-394.	3.9	44
34	Airâ^'Boreal Forest Transfer and Processing of Polychlorinated Biphenyls. Environmental Science & Technology, 2009, 43, 5282-5289.	4.6	41
35	Exploring the occurrence and distribution of contaminants of emerging concern through unmanned sampling from ships of opportunity in the North Sea. Journal of Marine Systems, 2016, 162, 47-56.	0.9	41
36	The legal framework to manage chemical pollution in India and the lesson from the Persistent Organic Pollutants (POPs). Science of the Total Environment, 2014, 490, 733-747.	3.9	40

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37	Seasonality of the Airâ^'Forest Canopy Exchange of Persistent Organic Pollutants. Environmental Science & Technology, 2008, 42, 8778-8783.	4.6	38
38	Assessing triclosan-induced ecological and trans-generational effects in natural phytoplankton communities: a trait-based field method. Ecotoxicology, 2013, 22, 779-794.	1.1	38
39	Fate of microplastics in agricultural soils amended with sewage sludge: Is surface water runoff a relevant environmental pathway?. Environmental Pollution, 2022, 293, 118520.	3.7	37
40	Accumulation of Persistent Organic Pollutants in Canopies of Different Forest Types:Â Role of Species Composition and Altitudinal-Temperature Gradient. Environmental Science & Technology, 2006, 40, 6580-6586.	4.6	33
41	Per- and polyfluoroalkyl substances in the Western Mediterranean Sea waters. Chemosphere, 2016, 159, 308-316.	4.2	30
42	Assessment of contaminant fate in catchments using a novel integrated hydrobiogeochemical-multimedia fate model. Science of the Total Environment, 2016, 544, 553-563.	3.9	30
43	Fate and transport of polychlorinated biphenyls (PCBs) in the River Thames catchment â€“ Insights from a coupled multimedia fate and hydrobiogeochemical transport model. Science of the Total Environment, 2016, 572, 1461-1470.	3.9	29
44	Endocrine-disrupting chemicals used as common plastic additives: Levels, profiles, and human dietary exposure from the Indian food basket. Science of the Total Environment, 2022, 810, 152200.	3.9	27
45	Does an analysis of polychlorinated biphenyl (PCB) distribution in mountain soils across China reveal a latitudinal fractionation paradox?. Environmental Pollution, 2014, 195, 115-122.	3.7	26
46	Retention performance of three widely used SPE sorbents for the extraction of perfluoroalkyl substances from seawater. Chemosphere, 2018, 193, 259-269.	4.2	25
47	A comprehensive assessment of endocrine-disrupting chemicals in an Indian food basket: Levels, dietary intakes, and comparison with European data. Environmental Pollution, 2021, 288, 117750.	3.7	25
48	Airâ€“Seawater Exchange of Organochlorine Pesticides along the Sediment Plume of a Large Contaminated River. Environmental Science & Technology, 2015, 49, 5354-5362.	4.6	24
49	Climatic, Biological, and Land Cover Controls on the Exchange of Gas-Phase Semivolatile Chemical Pollutants between Forest Canopies and the Atmosphere. Environmental Science & Technology, 2012, 46, 2699-2707.	4.6	23
50	Plastic waste in the terrestrial environment. , 2020, , 163-193.		20
51	Modelling metaldehyde in catchments: a River Thames case-study. Environmental Sciences: Processes and Impacts, 2017, 19, 586-595.	1.7	19
52	Water-borne pharmaceuticals reduce phenotypic diversity and response capacity of natural phytoplankton communities. PLoS ONE, 2017, 12, e0174207.	1.1	17
53	Interlinkage Between Persistent Organic Pollutants and Plastic in the Waste Management System of India: An Overview. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 927-936.	1.3	17
54	Elevated Mobility of Persistent Organic Pollutants in the Soil of a Tropical Rainforest. Environmental Science & Technology, 2015, 49, 4302-4309.	4.6	16

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55	Tracing the fate of PCBs in forest ecosystems. Journal of Environmental Monitoring, 2007, 9, 542.	2.1	15
56	Polychlorinated naphthalenes (PCNs) in Chinese forest soil: Will combustion become a major source?. Environmental Pollution, 2015, 204, 124-132.	3.7	15
57	Can polyethylene passive samplers predict polychlorinated biphenyls (PCBs) uptake by earthworms and turnips in a biochar amended soil?. Science of the Total Environment, 2019, 662, 873-880.	3.9	15
58	Binding of waterborne pharmaceutical and personal care products to natural dissolved organic matter. Science of the Total Environment, 2021, 784, 147208.	3.9	14
59	The influence of tree species composition on the storage and mobility of semivolatile organic compounds in forest soils. Science of the Total Environment, 2016, 553, 532-540.	3.9	13
60	Bioconcentration and Intracellular Storage of Hexachlorobenzene in Charophytes and Their Potential Role in Monitoring and Remediation Actions. Environmental Science & Technology, 2012, 46, 12427-12434.	4.6	12
61	Accumulation Kinetics and Equilibrium Partitioning Coefficients for Semivolatile Organic Pollutants in Forest Litter. Environmental Science & Technology, 2014, 48, 420-428.	4.6	12
62	A single pulse of diffuse contaminants alters the size distribution of natural phytoplankton communities. Science of the Total Environment, 2019, 683, 578-588.	3.9	11
63	Sources, Transport and Fate of Organic Pollutants in the Oceanic Environment. , 2011, , 111-139.		11
64	The binding of phenanthrene to engineered silver and gold nanoparticles. Science of the Total Environment, 2012, 425, 283-288.	3.9	10
65	Atmospheric Transport, Cycling and Dynamics of Polychlorinated Biphenyls (PCBs) from Source Regions to Remote Oceanic Areas. ACS Symposium Series, 2013, , 3-18.	0.5	10
66	Critical assessment of an equilibrium-based method to study the binding of waterborne organic contaminants to natural dissolved organic matter (DOM). Chemosphere, 2021, 285, 131524.	4.2	10
67	Field derived accumulation and release kinetics of DDTs in plants. Chemosphere, 2008, 72, 1497-1503.	4.2	9
68	Water Browning Controls Adaptation and Associated Trade-Offs in Phytoplankton Stressed by Chemical Pollution. Environmental Science & Technology, 2020, 54, 5569-5579.	4.6	8
69	Fieldâ€derived Henry's law constants for polychlorinated biphenyls in oceanic waters. Journal of Geophysical Research, 2010, 115, .	3.3	7
70	Critical evaluation of a new passive exchange-meter for assessing multimedia fate of persistent organic pollutants at the air-soil interface. Environmental Pollution, 2013, 181, 144-150.	3.7	7
71	Resilience of Natural Phytoplankton Communities to Pulse Disturbances from Micropollutant Exposure and Vertical Mixing. Environmental Toxicology and Chemistry, 2019, 38, 2197-2208.	2.2	7
72	Top Priority to Curb Plastic Pollution: Empowering Those at the Bottom. One Earth, 2020, 2, 11-15.	3.6	7

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73	Assessing Airâ€“Surface Exchange and Fate of Mercury in a Subtropical Forest Using a Novel Passive Exchange-Meter Device. Environmental Science & Technology, 2019, 53, 4869-4879.	4.6	6
74	Novel System for Controlled Investigation of Environmental Partitioning of Hydrophobic Compounds in Water. Environmental Science & Technology, 2011, 45, 7834-7840.	4.6	5
75	Line ferries and cargo ships for the monitoring of marine contaminants of emerging concern: Application along a Europe-Arctic transect. Journal of Hazardous Materials, 2022, 424, 127232.	6.5	5
76	Estimation of p,pâ€™-DDT degradation in soil by modeling and constraining hydrological and biogeochemical controls. Environmental Pollution, 2018, 239, 179-188.	3.7	4
77	Understanding the Role of Organic Matter Cycling for the Spatio-Temporal Structure of PCBs in the North Sea. Water (Switzerland), 2020, 12, 817.	1.2	4
78	Forest leaf area index in an Alpine valley from medium resolution satellite imagery and <italic>in situ</italic> data. Journal of Applied Remote Sensing, 2012, 6, 063528.	0.6	3
79	Ecological Memory of Historical Contamination Influences the Response of Phytoplankton Communities. Ecosystems, 2021, 24, 1591-1607.	1.6	3
80	Role of low-latitude forests in modulating forest filter effect on a continental scale: Long-term simulation on PCB-153 in Chinese forests. Science of the Total Environment, 2021, 778, 146285.	3.9	2
81	Diurnal Variability of Persistent Organic Pollutants in the Atmosphere over the Remote Southern Atlantic Ocean. Atmosphere, 2014, 5, 622-634.	1.0	1
82	Modelling Environmental Impacts of Cesium-137 Under a Hypothetical Release of Radioactive Waste. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 69-74.	1.3	1