Licia Maria Guzzella

List of Publications by Year
in descending order

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41 papers	1,521 citations	279778 23 h-index	302107 39 g-index
41 all docs	41 docs citations	41 times ranked	2080 citing authors

#	Article	IF	Citations
1	Herbicide contamination of surficial groundwater in Northern Italy. Environmental Pollution, 2006, 142, 344-353.	7.5	173
2	The influence of different disinfectants on mutagenicity and toxicity of urban wastewater. Water Research, 2000, 34, 4261-4269.	11.3	133
3	Organic persistent toxic substances in soils, waters and sediments along an altitudinal gradient at Mt. Sagarmatha, Himalayas, Nepal. Environmental Pollution, 2011, 159, 2552-2564.	7.5	95
4	Polycyclic aromatic hydrocarbons in sediments of the Adriatic Sea. Marine Pollution Bulletin, 1994, 28, 159-165.	5.0	78
5	Quality assessment of bed sediments of the Po River (Italy). Water Research, 2003, 37, 501-518.	11.3	78
6	Advanced oxidation and adsorption technologies for organic micropollutant removal from lake water used as drinking-water supply. Water Research, 2002, 36, 4307-4318.	11.3	75
7	POP and PAH contamination in the southern slopes of Mt. Everest (Himalaya, Nepal): Long-range atmospheric transport, glacier shrinkage, or local impact of tourism?. Science of the Total Environment, 2016, 544, 382-390.	8.0	58
8	Comparative assessment of genotoxicity of mineral water packed in polyethylene terephthalate (PET) and glass bottles. Water Research, 2010, 44, 1462-1470.	11.3	52
9	Concentrations and trophic interactions of novel brominated flame retardants, HBCD, and PBDEs in zooplankton and fish from Lake Maggiore (Northern Italy). Science of the Total Environment, 2014, 481, 401-408.	8.0	46
10	Comparison of test procedures for sediment toxicity evaluation with Vibrio fischeri bacteria. Chemosphere, 1998, 37, 2895-2909.	8.2	44
11	In vitro potential genotoxic effects of surface drinking water treated with chlorine and alternative disinfectants. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 564, 179-193.	1.7	44
12	Contamination by polybrominated diphenyl ethers of sediments from the Lake Maggiore basin (Italy and) Tj ETQq0 0 0 rgBT /Overlock 1	8.2	43
13	Detection of Herbicide Subclasses by an Optical Multibiosensor Based on an Array of Photosystem II Mutants. Environmental Science & Technology, 2005, 39, 5378-5384.	10.0	37
14	Seasonal fluctuations of DDTs and PCBs in zooplankton and fish of Lake Maggiore (Northern Italy). Chemosphere, 2012, 88, 344-351.	8.2	37
15	PBDE, HBCD, and novel brominated flame retardant contamination in sediments from Lake Maggiore (Northern Italy). Environmental Monitoring and Assessment, 2014, 186, 7683-7692.	2.7	37
16	Decabromodiphenyl ether (BDE-209) enters the food web of the River Po and is metabolically debrominated in resident cyprinid fishes. Science of the Total Environment, 2011, 409, 4966-4972.	8.0	35
17	Spatial and temporal trends of target organic and inorganic micropollutants in Lake Maggiore and Lake Lugano (Italian-Swiss water bodies): contamination in sediments and biota. Hydrobiologia, 2018, 824, 271-290.	2.0	35
18	Variability of microcystin cell quota in metapopulations of Planktothrix rubescens: Causes and implications for water management. Toxicon, 2014, 90, 82-96.	1.6	34

#	Article	IF	Citations
19	In situ bioavailability of DDT and Hg in sediments of the Toce River (Lake Maggiore basin, Northern) Tj ETQq1 1 0.784314 rgBT /Overlock Pollution Research, 2016, 23, 10542-10555.	5.3	30
20	Detection of mutagens in water-distribution systems after disinfection. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 608, 72-81.	1.7	28
21	Improvements in the analysis of decabromodiphenyl ether using on-column injection and electron-capture detection. Journal of Chromatography A, 2006, 1136, 243-247.	3.7	28
22	Biomagnification of PCBs, p,pâ€²-DDE, and HCB in the River Po ecosystem (Northern Italy). Ecotoxicology and Environmental Safety, 1994, 29, 174-186.	6.0	27
23	The accumulation levels of PAHs, PCBs and DDTs are related in an inverse way to the size of a benthic amphipod (Echinogammarus stammeri Karaman) in the River Po. Science of the Total Environment, 2007, 373, 131-145.	8.0	25
24	Toxicity Identification Evaluation of Lake Orta (Northern Italy) Sediments Using the Microtox System. Ecotoxicology and Environmental Safety, 1996, 35, 231-235.	6.0	24
25	The role of zooplankton in DDT biomagnification in a pelagic food web of Lake Maggiore (Northern) Tj ETQq1 1 0.784314 rgBT /Overlock	5.3	24
26	Toxicity and genotoxicity of surface water before and after various potabilization steps. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 587, 26-37.	1.7	23
27	Polybrominated Diphenyl Ethers (PBDEs) and Polychlorinated Biphenyls (PCBs) in 0+ Juvenile Cyprinids and Sediments of the Po River. Archives of Environmental Contamination and Toxicology, 2008, 55, 282-294.	4.1	20
28	Evaluation of spatial distribution and accumulation of novel brominated flame retardants, HBCD and PBDEs in an Italian subalpine lake using zebra mussel (Dreissena polymorpha). Environmental Science and Pollution Research, 2014, 21, 9655-9664.	5.3	20
29	Mutagenic activity of lake water samples used as drinking water resources in Northern Italy. Water Research, 1998, 32, 1733-1742.	11.3	18
30	Polybrominated Diphenyl Ethers (PBDEs) in Gammarids, Caddisflies, and Bed Sediments of the Lowland River Po. Bulletin of Environmental Contamination and Toxicology, 2009, 82, 200-205.	2.7	17
31	Endocrine-disrupting chemicals in coastal lagoons of the Po River delta: sediment contamination, bioaccumulation and effects on Manila clams. Environmental Science and Pollution Research, 2016, 23, 10477-10493.	5.3	17
32	Non-enzymatic portable optical sensors for microcystin-LR. Chemical Communications, 2018, 54, 2747-2750.	4.1	15
33	Persistent organic pollutants in sediments of high-altitude Alpine ponds within Stelvio National Park, Italian Alps. Inland Waters, 2017, 7, 34-44.	2.2	14
34	Cycling pp'DDT and pp'DDE at a watershed scale: the case of Lago Maggiore (Italy). Journal of Limnology, 2006, 65, 100.	1.1	13
35	Screening organic micropollutants in surface waters by SPE extraction and ecotoxicological testing. Chemosphere, 2004, 54, 1619-1624.	8.2	12
36	Chemical and toxicological characterization of river water extracts with the Vibrio fzscheri photobacterium. Science of the Total Environment, 1993, 134, 1217-1226.	8.0	8

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37	Evaluation of genotoxicity of Italian lakewater for human consumption: A case study in Lombardy. Toxicological and Environmental Chemistry, 1999, 73, 81-92.	1.2	7
38	Molecular Recognition of the Fungicide Carbendazim by a Molecular Imprinted Polymer Obtained through a Mimic Template Approach. Analytical Letters, 2009, 42, 807-820.	1.8	7
39	21 High altitude lakes: limnology and paleolimnology. Developments in Earth Surface Processes, 2007, 10, 155-170.	2.8	4
40	Integration of In Situ and Remote Sensing Measurements for the Management of Harmful Cyanobacteria Blooms. A Lesson from a Strategic Multiple-Uses Reservoir (Lake Occhito, South Italy). Water (Switzerland), 2021, 13, 2162.	2.7	4
41	28 Chemical composition of fresh snow in the Himalaya and Karakoram. Developments in Earth Surface Processes, 2007, 10, 251-262.	2.8	2