Nicola Montemurro

List of Publications by Citations

34 papers	332 citations	11 h-index	16 g-index
36 ext. papers	463 ext. citations	6.3 avg, IF	4.32 L-index

#	Paper	IF	Citations
34	Faecal pollution on vegetables and soil drip irrigated with treated municipal wastewaters. *Agricultural Water Management*, **2016**, 174, 66-73	5.9	29
33	Development and validation of an analytical method based on liquid chromatography-tandem mass spectrometry detection for the simultaneous determination of 13 relevant wastewater-derived contaminants in lettuce. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5375-5387	4.4	28
32	Pharmaceuticals in a Mediterranean Basin: The influence of temporal and hydrological patterns in environmental risk assessment. *Science of the Total Environment*, **2020**, 709, 136205	10.2	28
31	Development and validation of an analytical method for determination of pharmaceuticals in fish muscle based on QuEChERS extraction and SWATH acquisition using LC-QTOF-MS/MS system. *Talanta*, **2019**, 199, 370-379	6.2	25
30	Effects of residual disinfectant on soil and lettuce crop irrigated with chlorinated water. *Science of the Total Environment*, **2017**, 584-585, 595-602	10.2	20
29	REUSE OF TREATED MUNICIPAL WASTEWATER FOR IRRIGATION IN APULIA REGION: THE "IN.TE.R.R.A." PROJECT. *Environmental Engineering and Management Journal*, **2015**, 14, 1665-1674	0.6	17
28	Multibiomarker approach to fipronil exposure in the fish Dicentrarchus labrax under two temperature regimes. *Aquatic Toxicology*, **2020**, 219, 105378	5.1	17
27	Biodegradation of fluoroquinolone antibiotics and the climbazole fungicide by Trichoderma species. *Environmental Science and Pollution Research*, **2020**, 27, 23331-23341	5.1	16
26	Polluted water from an urban reservoir (Madí dam, México) induces toxicity and oxidative stress in Cyprinus carpio embryos. *Environmental Pollution*, **2019**, 251, 510-521	9.3	15
25	Development and application of a QuEChERS method with liquid chromatography-quadrupole time of flight-mass spectrometry for the determination of 50 wastewater-borne pollutants in earthworms exposed through treated wastewater. *Chemosphere*, **2021**, 263, 128222	8.4	15
24	Linking microbial diversity and population dynamics to the removal efficiency of pharmaceutically active compounds (PhACs) in an anaerobic/anoxic/aerobic (AO) system. *Chemosphere*, **2019**, 233, 828-842	8.4	14
23	The response patterns of stream biofilms to urban sewage change with exposure time and dilution. *Science of the Total Environment*, **2019**, 674, 401-411	10.2	11
22	Comparison of high resolution mrm and sequential window acquisition of all theoretical fragment-ion acquisition modes for the quantitation of 48 wastewater-borne pollutants in lettuce. *Journal of Chromatography A*, **2020**, 1631, 461566	4.5	9
21	Boosting pharmaceutical removal through aeration in constructed wetlands. *Journal of Hazardous Materials*, **2021**, 412, 125231	12.8	9
20	Analysis and fate of 14 relevant wastewater-derived organic pollutants in long-term exposed soil. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 2687-2696	4.4	8
19	Removal and toxicity evaluation of a diverse group of drugs from water by a cyclodextrin polymer/pulsed light system. *Journal of Hazardous Materials*, **2021**, 402, 123504	12.8	8
18	Preliminary results on the uptake and biochemical response to water-exposure of Tamiflu® (oseltamivir phosphate) in two marine bivalves. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2019**, 82, 75-85	3.2	7

List of Publications

17	Combining quantitative and qualitative approaches using Sequential Window Acquisition of All Theoretical Fragment-Ion methodology for the detection of pharmaceuticals and related compounds in river fish extracted using a sample miniaturized method. *Journal of Chromatography A*, **2020**, 1620, 461009	4.5	7
16	Impact of long-term irrigation with municipal reclaimed wastewater on the uptake and degradation of organic contaminants in lettuce and leek. *Science of the Total Environment*, **2021**, 765, 142742	10.2	6
15	Retrospective mass spectrometric analysis of wastewater-fed mesocosms to assess the degradation of drugs and their human metabolites. *Journal of Hazardous Materials*, **2021**, 408, 124984	12.8	5
14	Ecotoxicological impact of the antihypertensive valsartan on earthworms, extracellular enzymes and soil bacterial communities. *Environmental Pollution*, **2021**, 275, 116647	9.3	5
13	Elimination of persistent anthropogenic pollutants by micro-mesoporous carbon xerogels. Natural organic matter on surface water and textural properties influences. *Journal of Environmental Chemical Engineering*, **2021**, 9, 104885	6.8	5
12	Ecotoxicological risk assessment of wastewater irrigation on soil microorganisms: Fate and impact of wastewater-borne micropollutants in lettuce-soil system. *Ecotoxicology and Environmental Safety* , **2021**, 223, 112595	7	5
11	Analysis of pharmaceuticals in fish using ultrasound extraction and dispersive spe clean-up on que Z-Sep/C18 followed by LC-QToF-MS detection. *MethodsX*, **2020**, 7, 101010	1.9	4
10	Conventional and Advanced Processes for the Removal of Pharmaceuticals and Their Human Metabolites from Wastewater. *ACS Symposium Series*, **2018**, 15-67	0.4	4
9	Insights into the removal of pharmaceutically active compounds from sewage sludge by two-stage mesophilic anaerobic digestion. *Science of the Total Environment*, **2021**, 789, 147869	10.2	4
8	Effect of the pharmaceuticals diclofenac and lamotrigine on stress responses and stress gene expression in lettuce (Lactuca sativa) at environmentally relevant concentrations. *Journal of Hazardous Materials*, **2021**, 403, 123881	12.8	3
7	Biomarker responses and metabolism in Lumbricus terrestris exposed to drugs of environmental concern, an in´vivo and in´vitro approach. *Chemosphere*, **2021**, 277, 130283	8.4	3
6	The Journey of Human Drugs from Their Design at the Bench to Their Fate in Crops. *Handbook of Environmental Chemistry*, **2020**, 3	0.8	2
5	One-step extraction and analysis of 45 contaminants of emerging concern using QuEChERS methodology and HR-MS in radish leaves and roots. *MethodsX*, **2021**, 8, 101308	1.9	2
4	Fate and impact of wastewater-borne micropollutants in lettuce and the root-associated bacteria.. *Science of the Total Environment*, **2022**, 154674	10.2	1
3	Multilayered solid phase extraction and ultra performance liquid chromatographic method for suspect screening of halogenated pharmaceuticals and photo-transformation products in freshwater - comparison between data-dependent and data-independent acquisition mass spectrometry.. *Journal of Chromatography A*, **2021**, 1663, 462760	4.5	0
2	Development of a USE/d-SPE and targeted DIA-Orbitrap-MS acquisition methodology for the analysis of wastewater-derived organic pollutants in fish tissues and body fluids.. *MethodsX*, **2022**, 9, 101705	1.9	0
1	Development of Methods for the Determination of PhACs in Soil/Earthworm/Crop System Irrigated with Reclaimed Water. *Handbook of Environmental Chemistry*, **2020**, 417	0.8	