

# Donatella Feretti

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50  
papers

1,352  
citations

22  
h-index

36  
g-index

54  
ext. papers

1,500  
ext. citations

5.4  
avg, IF

3.58  
L-index

#	Paper	IF	Citations
50	Mutagenicity and disinfection by-products in surface drinking water disinfected with peracetic acid. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 309-318	3.8	111
49	The influence of different disinfectants on mutagenicity and toxicity of urban wastewater. <i>Water Research</i> , <b>2000</b> , 34, 4261-4269	12.5	105
48	Genotoxicity of the disinfection by-products resulting from peracetic acid- or hypochlorite-disinfected sewage wastewater. <i>Water Research</i> , <b>2005</b> , 39, 1105-13	12.5	79
47	A new approach to evaluating the toxicity and genotoxicity of disinfected drinking water. <i>Water Research</i> , <b>2004</b> , 38, 3809-19	12.5	78
46	Advanced oxidation and adsorption technologies for organic micropollutant removal from lake water used as drinking-water supply. <i>Water Research</i> , <b>2002</b> , 36, 4307-18	12.5	62
45	Genotoxicity of surface water treated with different disinfectants using in situ plant tests. <i>Environmental and Molecular Mutagenesis</i> , <b>2003</b> , 41, 353-9	3.2	56
44	Mutagens and carcinogens in size-classified air particulates of a northern Italian town. <i>Science of the Total Environment</i> , <b>1997</b> , 205, 137-44	10.2	54
43	Soil contamination detected using bacterial and plant mutagenicity tests and chemical analyses. <i>Environmental Research</i> , <b>2002</b> , 88, 64-9	7.9	49
42	Comparative assessment of genotoxicity of mineral water packed in polyethylene terephthalate (PET) and glass bottles. <i>Water Research</i> , <b>2010</b> , 44, 1462-70	12.5	46
41	Monitoring airborne genotoxicants in the rubber industry using genotoxicity tests and chemical analyses. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2001</b> , 490, 159-69	3	44
40	DNA damage in buccal mucosa cells of pre-school children exposed to high levels of urban air pollutants. <i>PLoS ONE</i> , <b>2014</b> , 9, e96524	3.7	43
39	Mutagenicity of extracts of lake drinking water treated with different disinfectants in bacterial and plant tests. <i>Water Research</i> , <b>1998</b> , 32, 2689-2695	12.5	42
38	Biodegradability, toxicity and mutagenicity of detergents: Integrated experimental evaluations. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 84, 274-81	7	39
37	In vitro potential genotoxic effects of surface drinking water treated with chlorine and alternative disinfectants. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2004</b> , 564, 179-93	3	39
36	Allium cepa chromosome aberration and micronucleus tests applied to study genotoxicity of extracts from pesticide-treated vegetables and grapes. <i>Food Additives and Contaminants</i> , <b>2007</b> , 24, 561-72		37
35	Thiosemicarbazone scaffold for the design of antifungal and antiaflatoxic agents: evaluation of ligands and related copper complexes. <i>Scientific Reports</i> , <b>2017</b> , 7, 11214	4.9	32
34	Evaluation of chlorite and chlorate genotoxicity using plant bioassays and in vitro DNA damage tests. <i>Water Research</i> , <b>2008</b> , 42, 4075-82	12.5	32

33	Buccal micronucleus cytome assay in primary school children: A descriptive analysis of the MAPEC_LIFE multicenter cohort study. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 883-892	6.9	26
32	Monitoring air pollution effects on children for supporting public health policy: the protocol of the prospective cohort MAPEC study. <i>BMJ Open</i> , <b>2014</b> , 4, e006096	3	26
31	Detection of mutagens in water-distribution systems after disinfection. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2006</b> , 608, 72-81	3	26
30	Evaluation of cytotoxicity, genotoxicity, and apoptosis of wastewater before and after disinfection with performic acid. <i>Water Research</i> , <b>2017</b> , 116, 44-52	12.5	24
29	Patterns and covariates of alcohol drinking among high school students in 10 towns in Italy: a cross-sectional study. <i>Drug and Alcohol Dependence</i> , <b>1995</b> , 37, 59-69	4.9	23
28	The assessment of WWTP performance: Towards a jigsaw puzzle evaluation?. <i>Chemosphere</i> , <b>2016</b> , 145, 291-300	8.4	22
27	Genotoxicity of drinking water disinfectants in plant bioassays. <i>Environmental and Molecular Mutagenesis</i> , <b>2005</b> , 46, 96-103	3.2	21
26	"Risk is in the air": Polycyclic aromatic hydrocarbons, metals and mutagenicity of atmospheric particulate matter in a town of Northern Italy (Respira study). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2019</b> , 842, 35-49	3	21
25	Toxicity and genotoxicity of surface water before and after various potabilization steps. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2005</b> , 587, 26-37	3	20
24	Smoking among high school students in 10 Italian towns: patterns and covariates. <i>Substance Use and Misuse</i> , <b>1994</b> , 29, 1537-57		19
23	Health Risk Associated with Exposure to PM and Benzene in Three Italian Towns. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	18
22	Multicentre study for the evaluation of mutagenic/carcinogenic risk in nurses exposed to antineoplastic drugs: assessment of DNA damage. <i>Occupational and Environmental Medicine</i> , <b>2013</b> , 70, 789-94	2.1	17
21	Lifestyles and socio-cultural factors among children aged 6-8 years from five Italian towns: the MAPEC_LIFE study cohort. <i>BMC Public Health</i> , <b>2017</b> , 17, 233	4.1	16
20	Mutagenic and genotoxic effects induced by PM of different Italian towns in human cells and bacteria: The MAPEC_LIFE study. <i>Environmental Pollution</i> , <b>2019</b> , 245, 1124-1135	9.3	16
19	A study protocol for the evaluation of occupational mutagenic/carcinogenic risks in subjects exposed to antineoplastic drugs: a multicentric project. <i>BMC Public Health</i> , <b>2011</b> , 11, 195	4.1	15
18	A battery of assays as an integrated approach to evaluate fungal and mycotoxin inhibition properties and cytotoxic/genotoxic side-effects for the prioritization in the screening of thiosemicarbazone derivatives. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 105, 498-505	4.7	11
17	Occurrence and Control of Genotoxins in Drinking Water: A Monitoring Proposal. <i>Journal of Public Health Research</i> , <b>2016</b> , 5, 769	2.2	11
16	Genotoxicity of source, treated and distributed water from four drinking water treatment plants supplied by surface water in Sardinia, Italy. <i>Environmental Research</i> , <b>2020</b> , 185, 109385	7.9	10

15	Antiaflatoxicogenic Thiosemicarbazones as Crop-Protective Agents: A Cytotoxic and Genotoxic Study. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 10947-10953	5.7	9
14	Nutritional supplements for diabetes sold on the internet: business or health promotion?. <i>BMC Public Health</i> , <b>2013</b> , 13, 777	4.1	7
13	Evaluation of genotoxicity of Italian lakewater for human consumption: A case study in Lombardy. <i>Toxicological and Environmental Chemistry</i> , <b>1999</b> , 73, 81-92	1.4	7
12	Mutagenicity of drinking water obtained by different treatment procedures from two northern Italian lakes. <i>International Journal of Environmental Health Research</i> , <b>1992</b> , 2, 192-200	3.6	7
11	A Biotechnological Approach for the Development of New Antifungal Compounds to Protect the Environment and the Human Health. <i>Journal of Public Health Research</i> , <b>2015</b> , 4, 613	2.2	5
10	Ground and surface water for drinking: a laboratory study on genotoxicity using plant tests. <i>Journal of Public Health Research</i> , <b>2012</b> , 1, 31-7	2.2	5
9	Comet Test in Saliva Leukocytes of Pre-School Children Exposed to Air Pollution in North Italy: The Respira Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	4
8	Polychlorinated Biphenyls, Glycaemia and Diabetes in a Population Living in a Highly Polychlorinated Biphenyls-Polluted Area in Northern Italy: a Cross-sectional and Cohort Study. <i>Journal of Public Health Research</i> , <b>2013</b> , 2, 2-8	2.2	4
7	Results from the European Union MAPEC_LIFE cohort study on air pollution and chromosomal damage in children: are public health policies sufficiently protective?. <i>Environmental Sciences Europe</i> , <b>2020</b> , 32,	5	3
6	ECOTOXICITY AND GENOTOXICITY OF STEEL SLAGS: PRELIMINARY RESULTS. <i>Detritus</i> , <b>2018</b> , Volume 06 - June 2019, 1	0.9	2
5	The AFLATOX Project: Approaching the Development of New Generation, Natural-Based Compounds for the Containment of the Mycotoxigenic Phytopathogen and Aflatoxin Contamination. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
4	Genotoxic Activity of Particulate Matter and In Vivo Tests in Children Exposed to Air Pollution. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
3	Methodological Protocol for Assessing the Environmental Footprint by Means of Ecotoxicological Tools: Wastewater Treatment Plants as an Example Case. <i>Methods in Pharmacology and Toxicology</i> , <b>2020</b> , 305-327	1.1	2
2	The release of contaminants from steel slags and natural aggregates: Evaluation of toxicity and genotoxicity. <i>Environmental and Molecular Mutagenesis</i> , <b>2021</b> , 62, 66-77	3.2	0
1	Winter Air Pollution and Genotoxic Effects in Children Living in a Highly Polluted Urban Area. <i>Atmosphere</i> , <b>2021</b> , 12, 1191	2.7	0