

# Marina Isidori

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

3,317  
citations

126907

33  
h-index

144013

57  
g-index

66  
all docs

66  
docs citations

66  
times ranked

4016  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxic and genotoxic evaluation of six antibiotics on non-target organisms. <i>Science of the Total Environment</i> , 2005, 346, 87-98.	8.0	542
2	Ecotoxicity of naproxen and its phototransformation products. <i>Science of the Total Environment</i> , 2005, 348, 93-101.	8.0	273
3	Environmental Effects Caused by Olive Mill Wastewaters: A Toxicity Comparison of Low-Molecular-Weight Phenolic Components. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 1005-1009.	5.2	189
4	Chemical and toxicological characterisation of anticancer drugs in hospital and municipal wastewaters from Slovenia and Spain. <i>Environmental Pollution</i> , 2016, 219, 275-287.	7.5	125
5	Toxic and genotoxic impact of fibrates and their photoproducts on non-target organisms. <i>Environment International</i> , 2007, 33, 635-641.	10.0	110
6	Toxicity identification evaluation of leachates from municipal solid waste landfills: a multispecies approach. <i>Chemosphere</i> , 2003, 52, 85-94.	8.2	105
7	Acute and chronic toxicity of six anticancer drugs on rotifers and crustaceans. <i>Chemosphere</i> , 2014, 115, 59-66.	8.2	102
8	Toxicity of prednisolone, dexamethasone and their photochemical derivatives on aquatic organisms. <i>Chemosphere</i> , 2004, 54, 629-637.	8.2	86
9	A multispecies study to assess the toxic and genotoxic effect of pharmaceuticals: Furosemide and its photoproduct. <i>Chemosphere</i> , 2006, 63, 785-793.	8.2	82
10	Estrogenic activity of pharmaceuticals in the aquatic environment. <i>Environment International</i> , 2009, 35, 826-829.	10.0	69
11	Toxicity and genotoxicity of the quaternary ammonium compound benzalkonium chloride (BAC) using <i>Daphnia magna</i> and <i>Ceriodaphnia dubia</i> as model systems. <i>Environmental Pollution</i> , 2016, 210, 34-39.	7.5	69
12	Model Study on the Effect of 15 Phenolic Olive Mill Wastewater Constituents on Seed Germination and <i>Vibrio fischeri</i> Metabolism. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8414-8417.	5.2	68
13	Eco-genotoxicity of six anticancer drugs using comet assay in daphnids. <i>Journal of Hazardous Materials</i> , 2015, 286, 573-580.	12.4	66
14	Effects of ranitidine and its photoderivatives in the aquatic environment. <i>Environment International</i> , 2009, 35, 821-825.	10.0	64
15	Phototransformation products of tamoxifen by sunlight in water. Toxicity of the drug and its derivatives on aquatic organisms. <i>Chemosphere</i> , 2007, 67, 1933-1939.	8.2	61
16	Environmental risk assessment of widely used anticancer drugs (5-fluorouracil, cisplatin, etoposide, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	11.3	56
17	In situ monitoring of urban air in Southern Italy with the tradescantia micronucleus bioassay and semipermeable membrane devices (SPMDs). <i>Chemosphere</i> , 2003, 52, 121-126.	8.2	54
18	Identification of phototransformation products of prednisone by sunlight: Toxicity of the drug and its derivatives on aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 534-539.	4.3	51

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19	Phenanthrenoids from the wetland <i>Juncus acutus</i> . <i>Phytochemistry</i> , 2002, 60, 633-638.	2.9	48
20	Î²-Cyclodextrin Inclusion Complex to Improve Physicochemical Properties of Pipemidic Acid: Characterization and Bioactivity Evaluation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 13022-13041.	4.1	48
21	Fate and effects of the residues of anticancer drugs in the environment. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14687-14691.	5.3	47
22	Ecotoxicological evaluation of caffeine and its derivatives from a simulated chlorination step. <i>Science of the Total Environment</i> , 2014, 470-471, 453-458.	8.0	46
23	Olive Oil Mill Wastewater Treatment Using a Chemical and Biological Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5151-5154.	5.2	45
24	Antialgal ent-labdane diterpenes from <i>Ruppia maritima</i> . <i>Phytochemistry</i> , 2000, 55, 909-913.	2.9	40
25	Toxicity on crustaceans and endocrine disrupting activity on <i>Saccharomyces cerevisiae</i> of eight alkylphenols. <i>Chemosphere</i> , 2006, 64, 135-143.	8.2	39
26	Chemical Constituents of the Aquatic Plant <i>Schoenoplectus lacustris</i> : Evaluation of Phytotoxic Effects on the Green Alga <i>Selenastrum capricornutum</i> . <i>Journal of Chemical Ecology</i> , 2006, 32, 81-96.	1.8	39
27	Integrated environmental assessment of Volturno River in South Italy. <i>Science of the Total Environment</i> , 2004, 327, 123-134.	8.0	38
28	Antioxidant properties of different milk fermented with lactic acid bacteria and yeast. <i>International Journal of Food Science and Technology</i> , 2012, 47, 2493-2502.	2.7	37
29	Estrogenic activity and cytotoxicity of six anticancer drugs detected in water systems. <i>Science of the Total Environment</i> , 2014, 485-486, 216-222.	8.0	37
30	Toxicity of exposure to binary mixtures of four anti-neoplastic drugs in <i>Daphnia magna</i> and <i>Ceriodaphnia dubia</i> . <i>Aquatic Toxicology</i> , 2014, 157, 41-46.	4.0	37
31	Alpha- and Beta-Cyclodextrin Inclusion Complexes with 5-Fluorouracil: Characterization and Cytotoxic Activity Evaluation. <i>Molecules</i> , 2016, 21, 1644.	3.8	37
32	Antialgal furano-diterpenes from <i>Potamogeton natans</i> L.. <i>Phytochemistry</i> , 2001, 58, 299-304.	2.9	36
33	Toxic impact of polystyrene microplastic particles in freshwater organisms. <i>Chemosphere</i> , 2022, 299, 134373.	8.2	36
34	Bioactivity of Phenanthrenes from <i>Juncus acutus</i> on <i>Selenastrum capricornutum</i> . <i>Journal of Chemical Ecology</i> , 2004, 30, 867-879.	1.8	35
35	Transformation and Ecotoxicity of Carbamic Pesticides in Water (5 pp). <i>Environmental Science and Pollution Research</i> , 2006, 13, 105-109.	5.3	34
36	Lactone diterpenes from the aquatic plant <i>Potamogeton natans</i> . <i>Phytochemistry</i> , 2001, 56, 469-473.	2.9	32

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37	E-screen and vitellogenin assay for the detection of the estrogenic activity of alkylphenols and trace elements. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 51-56.	2.6	30
38	Chemical fate and genotoxic risk associated with hypochlorite treatment of nicotine. <i>Science of the Total Environment</i> , 2012, 426, 132-138.	8.0	29
39	Effect of ent-labdane diterpenes from Potamogetonaceae on <i>Selenastrum capricornutum</i> and other aquatic organisms. <i>Journal of Chemical Ecology</i> , 2002, 28, 1091-1102.	1.8	28
40	Prediction and assessment of ecogenotoxicity of antineoplastic drugs in binary mixtures. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14771-14779.	5.3	27
41	Physicochemical Characterization and Cytotoxic Activity Evaluation of Hydroxymethylferrocene:β <sup>2</sup> -Cyclodextrin Inclusion Complex. <i>Molecules</i> , 2012, 17, 6056-6070.	3.8	26
42	Benzocoumarins from the rhizomes of <i>Juncus acutus</i> . <i>Tetrahedron</i> , 2003, 59, 4821-4825.	1.9	24
43	Toxicogenomic responses of low level anticancer drug exposures in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2018, 203, 40-50.	4.0	24
44	Phototransformation of Carboxin in Water. Toxicity of the Pesticide and Its Sulfoxide to Aquatic Organisms. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6228-6232.	5.2	23
45	Influence of alkylphenols and trace elements in toxic, genotoxic, and endocrine disruption activity of wastewater treatment plants. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1686-1694.	4.3	22
46	Comparative assessment of antimicrobial, antiradical and cytotoxic activities of cannabidiol and its propyl analogue cannabidivarin. <i>Scientific Reports</i> , 2021, 11, 22494.	3.3	21
47	A New Approach for Improving the Antibacterial and Tumor Cytotoxic Activities of Pipemidic Acid by Including It in Trimethyl-β <sup>2</sup> -cyclodextrin. <i>International Journal of Molecular Sciences</i> , 2019, 20, 416.	4.1	20
48	Teratogenic effects of five anticancer drugs on <i>Xenopus laevis</i> embryos. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 90-96.	6.0	19
49	Toxicity evaluation of natural and synthetic phenanthrenes in aquatic systems. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1824-1830.	4.3	18
50	Photochemical fate and eco-genotoxicity assessment of the drug etodolac. <i>Science of the Total Environment</i> , 2015, 518-519, 258-265.	8.0	16
51	Ecotoxic effects of loratadine and its metabolic and light-induced derivatives. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 664-672.	6.0	16
52	Phototransformation of Amlodipine in Aqueous Solution: Toxicity of the Drug and Its Photoproduct on Aquatic Organisms. <i>International Journal of Photoenergy</i> , 2007, 2007, 1-6.	2.5	14
53	2D-NMR investigation and in vitro evaluation of antioxidant, antigenotoxic and estrogenic/antiestrogenic activities of strawberry grape. <i>Food and Chemical Toxicology</i> , 2017, 105, 52-60.	3.6	11
54	Benzalkonium Chloride and Anticancer Drugs in Binary Mixtures: Reproductive Toxicity and Genotoxicity in the Freshwater Crustacean <i>Ceriodaphnia dubia</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 546-556.	4.1	11

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55	Sildenafil and tadalafil in simulated chlorination conditions: Ecotoxicity of drugs and their derivatives. <i>Science of the Total Environment</i> , 2013, 463-464, 366-373.	8.0	10
56	Mutagenicity, Genotoxicity, and Estrogenic Activity of River Porewaters. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 407-420.	4.1	9
57	Chlorpropham and phenisopham: phototransformation and ecotoxicity of carbamates in the aquatic environment. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 823-831.	3.5	9
58	Tomato plants ( <i>Solanum lycopersicum</i> L.) grown in experimental contaminated soil: Bioconcentration of potentially toxic elements and free radical scavenging evaluation. <i>PLoS ONE</i> , 2020, 15, e0237031.	2.5	9
59	Lymphocytes exposed to vegetables grown in waters contaminated by anticancer drugs: metabolome alterations and genotoxic risks for human health. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 842, 125-131.	1.7	5
60	Comparative abiotic or biotic degradation of carboxin by two Entisols with different surface properties or <i>Pseudomonas aeruginosa</i> strain: A toxicity study using the crustacean <i>Thamnocephalus platyurus</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012, 47, 891-900.	1.5	3
61	Mediterranean Wild Plants As Useful Sources of Potential Natural Food Additives. <i>ACS Symposium Series</i> , 2012, , 209-235.	0.5	3
62	Toxicity of Anticancer Drug Residues in Organisms of the Freshwater Aquatic Chain. , 2020, , 379-401.		3
63	IDENTIFICATION OF PHOTOTRANSFORMATION PRODUCTS OF PREDNISONE BY SUNLIGHT: TOXICITY OF THE DRUG AND ITS DERIVATIVES ON AQUATIC ORGANISMS. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 534.	4.3	2
64	5-Fluorouracil and Its Prodrug Capecitabine: Occurrence, Fate and Effects in the Environment. , 2020, , 331-375.		1