

# Ignacio Moreno-Garrido

## List of Publications by Citations

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38  
papers

1,124  
citations

17  
h-index

33  
g-index

39  
ext. papers

1,285  
ext. citations

6.3  
avg, IF

4.76  
L-index

#	Paper	IF	Citations
38	Microalgae immobilization: current techniques and uses. <i>Bioresource Technology</i> , <b>2008</b> , 99, 3949-64	11	309
37	Sunscreen products as emerging pollutants to coastal waters. <i>PLoS ONE</i> , <b>2013</b> , 8, e65451	3.7	133
36	Toxicity of silver and gold nanoparticles on marine microalgae. <i>Marine Environmental Research</i> , <b>2015</b> , 111, 60-73	3.3	98
35	Calcium alginate immobilized marine microalgae: experiments on growth and short-term heavy metal accumulation. <i>Marine Pollution Bulletin</i> , <b>2005</b> , 51, 823-9	6.7	49
34	An in situ bioassay for estuarine environments using the microalga <i>Phaeodactylum tricornutum</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 567-574	3.8	46
33	Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: the Ebro river basin case study. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 269-78	10.2	34
32	Sediment toxicity tests using benthic marine microalgae <i>Cylindrotheca closterium</i> (Ehremberg) Lewin and Reimann (Bacillariophyceae). <i>Ecotoxicology and Environmental Safety</i> , <b>2003</b> , 54, 290-5	7	34
31	ROI-scavenging enzyme activities as toxicity biomarkers in three species of marine microalgae exposed to model contaminants (copper, Irgarol and atrazine). <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 104, 294-301	7	33
30	Effect of erythromycin and modulating effect of CeO NPs on the toxicity exerted by the antibiotic on the microalgae <i>Chlamydomonas reinhardtii</i> and <i>Phaeodactylum tricornutum</i> . <i>Environmental Pollution</i> , <b>2018</b> , 242, 357-366	9.3	30
29	Metal bioavailability in freshwater sediment samples and their influence on ecological status of river basins. <i>Science of the Total Environment</i> , <b>2016</b> , 540, 287-96	10.2	28
28	Is oxidative stress related to cadmium accumulation in the Mollusc <i>Crassostrea angulata</i> ?. <i>Aquatic Toxicology</i> , <b>2015</b> , 161, 231-41	5.1	28
27	Sediment integrative assessment of the Bay of Cádiz (Spain): an ecotoxicological and chemical approach. <i>Environment International</i> , <b>2009</b> , 35, 831-41	12.9	27
26	Estuarine sediment toxicity tests on diatoms: Sensitivity comparison for three species. <i>Estuarine, Coastal and Shelf Science</i> , <b>2007</b> , 71, 278-286	2.9	26
25	Sediment toxicity tests involving immobilized microalgae ( <i>Phaeodactylum tricornutum</i> Bohlin). <i>Environment International</i> , <b>2007</b> , 33, 481-5	12.9	26
24	. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 567	3.8	26
23	Sensitivity of <i>Cylindrotheca closterium</i> to copper: influence of three test endpoints and two test methods. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 3696-703	10.2	25
22	Short-term toxicity tests on the harpacticoid copepod <i>Tisbe battagliai</i> : lethal and reproductive endpoints. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 1881-6	7	18

21	Ring test for whole-sediment toxicity assay with -a- benthic marine diatom. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 822-8	10.2	17
20	Evaluation of the effectiveness of CuONPs/SiO <sub>2</sub> -based treatments for building stones against the growth of phototrophic microorganisms. <i>Construction and Building Materials</i> , <b>2018</b> , 187, 501-509	6.7	14
19	Measuring the avoidance behaviour shown by the snail <i>Hydrobia ulvae</i> exposed to sediment with a known contamination gradient. <i>Ecotoxicology</i> , <b>2012</b> , 21, 750-8	2.9	14
18	Feeding niche preference of the mudsnail <i>Peringia ulvae</i> . <i>Marine and Freshwater Research</i> , <b>2015</b> , 66, 573-2.2		12
17	Chapter 7 Toxicity of surfactants. <i>Comprehensive Analytical Chemistry</i> , <b>2003</b> , 40, 827-925	1.9	12
16	Microphytobenthos in ecotoxicology: a review of the use of marine benthic diatoms in bioassays. <i>Environment International</i> , <b>2010</b> , 36, 637-46	12.9	11
15	Effects of cold-dark storage on growth of <i>Cylindrotheca closterium</i> and its sensitivity to copper. <i>Chemosphere</i> , <b>2008</b> , 72, 1366-72	8.4	10
14	Going with the flow: detection of drift in response to hypo-saline stress by the estuarine benthic diatom <i>Cylindrotheca closterium</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e81073	3.7	8
13	Ranking sediment samples from three Spanish estuaries in relation to its toxicity for two benthic species: the microalga <i>Cylindrotheca closterium</i> and the copepod <i>Tisbe battagliai</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2010</b> , 29, 393-400	3.8	8
12	Effect of Copper, Irgarol and Atrazine on Epiphytes Attached to Artificial Devices for Coastal Ecotoxicology Bioassays. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2013</b> , 91, 656	2.7	7
11	Microalgal immobilization methods. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1051, 327-47	1.4	6
10	Effect of the length of dark storage following ultraviolet irradiation of <i>Tetraselmis suecica</i> and its implications for ballast water management. <i>Science of the Total Environment</i> , <b>2020</b> , 711, 134611	10.2	6
9	Not Only Toxic but Repellent: What Can Organisms Responses Tell Us about Contamination and What Are the Ecological Consequences When They Flee from an Environment?. <i>Toxics</i> , <b>2020</b> , 8,	4.7	6
8	Improving the microalgae inactivating efficacy of ultraviolet ballast water treatment in combination with hydrogen peroxide or peroxymonosulfate salt. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 162, 111886	6.7	6
7	Erythromycin sensitivity across different taxa of marine phytoplankton. A novel approach to sensitivity of microalgae and the evolutionary history of the 23S gene. <i>Aquatic Toxicology</i> , <b>2018</b> , 204, 190-196	5.1	6
6	Effects of surface functionalization with alkylalkoxysilanes on the structure, visible light photoactivity and biocidal performance of Ag-TiO <sub>2</sub> nanoparticles. <i>Powder Technology</i> , <b>2021</b> , 383, 381-395 <sup>5.2</sup>		4
5	Anti-fouling nano-Ag/SiO <sub>2</sub> ormosil treatments for building materials: The role of cell-surface interactions on toxicity and bioreceptivity. <i>Progress in Organic Coatings</i> , <b>2021</b> , 153, 106120	4.8	3
4	Epiphyte toxicity bioassay for ecotoxicological and coastal monitoring. <i>Environmental Monitoring and Assessment</i> , <b>2014</b> , 186, 4647-54	3.1	2

- 3 Toxicity Bioassays on Benthic Diatoms **2015**, 539-546 1
- 2 Evaluation of three photosynthetic species smaller than ten microns as possible standard test organisms of ultraviolet-based ballast water treatment. *Marine Pollution Bulletin*, **2021**, 170, 112643 6.7 1
- 1 Pharmaceuticals and aquatic benthic organisms: Toxicity and accumulation **2021**, 501-519