

# Ignacio Moreno-Garrido

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,456  
citations

393982

19  
h-index

329751

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2063  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microalgae immobilization: Current techniques and uses. <i>Bioresource Technology</i> , 2008, 99, 3949-3964.	4.8	380
2	Sunscreen Products as Emerging Pollutants to Coastal Waters. <i>PLoS ONE</i> , 2013, 8, e65451.	1.1	186
3	Toxicity of silver and gold nanoparticles on marine microalgae. <i>Marine Environmental Research</i> , 2015, 111, 60-73.	1.1	120
4	An in situ bioassay for estuarine environments using the microalga <i>Phaeodactylum tricornutum</i> . <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 567-574.	2.2	55
5	Calcium alginate immobilized marine microalgae: Experiments on growth and short-term heavy metal accumulation. <i>Marine Pollution Bulletin</i> , 2005, 51, 823-829.	2.3	55
6	Effect of erythromycin and modulating effect of CeO <sub>2</sub> NPs on the toxicity exerted by the antibiotic on the microalgae <i>Chlamydomonas reinhardtii</i> and <i>Phaeodactylum tricornutum</i> . <i>Environmental Pollution</i> , 2018, 242, 357-366.	3.7	50
7	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> , 2014, 104, 294-301.	2.9	42
8	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> , 2015, 503-504, 269-278.	3.9	40
9	Is oxidative stress related to cadmium accumulation in the Mollusc <i>Crassostrea angulata</i> ?. <i>Aquatic Toxicology</i> , 2015, 161, 231-241.	1.9	37
10	Sediment toxicity tests using benthic marine microalgae <i>Cylindrotheca closterium</i> (Ehrenberg) Lewin and Reimann (Bacillariophyceae). <i>Ecotoxicology and Environmental Safety</i> , 2003, 54, 290-295.	2.9	36
11	Metal bioavailability in freshwater sediment samples and their influence on ecological status of river basins. <i>Science of the Total Environment</i> , 2016, 540, 287-296.	3.9	31
12	AN IN SITU BIOASSAY FOR ESTUARINE ENVIRONMENTS USING THE MICROALGA PHAEODACTYLUM TRICORNUTUM. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 567.	2.2	29
13	Estuarine sediment toxicity tests on diatoms: Sensitivity comparison for three species. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 71, 278-286.	0.9	28
14	Sediment integrative assessment of the Bay of Cádiz (Spain): An ecotoxicological and chemical approach. <i>Environment International</i> , 2009, 35, 831-841.	4.8	28
15	Sediment toxicity tests involving immobilized microalgae ( <i>Phaeodactylum tricornutum</i> Bohlin). <i>Environment International</i> , 2007, 33, 481-485.	4.8	27
16	Sensitivity of <i>Cylindrotheca closterium</i> to copper: Influence of three test endpoints and two test methods. <i>Science of the Total Environment</i> , 2010, 408, 3696-3703.	3.9	26
17	Short-term toxicity tests on the harpacticoid copepod <i>Tisbe battagliai</i> : Lethal and reproductive endpoints. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1881-1886.	2.9	22
18	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> , 2020, 8, 118.	1.6	21

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19	Improving the microalgae inactivating efficacy of ultraviolet ballast water treatment in combination with hydrogen peroxide or peroxymonosulfate salt. <i>Marine Pollution Bulletin</i> , 2021, 162, 111886.	2.3	21
20	Ring test for whole-sediment toxicity assay with <i>-a-</i> benthic marine diatom. <i>Science of the Total Environment</i> , 2010, 408, 822-828.	3.9	20
21	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> , 2018, 187, 501-509.	3.2	19
22	Measuring the avoidance behaviour shown by the snail <i>Hydrobia ulvae</i> exposed to sediment with a known contamination gradient. <i>Ecotoxicology</i> , 2012, 21, 750-758.	1.1	18
23	Feeding niche preference of the mudsnail <i>Peringia ulvae</i> . <i>Marine and Freshwater Research</i> , 2015, 66, 573.	0.7	17
24	Chapter 7 Toxicity of surfactants. <i>Comprehensive Analytical Chemistry</i> , 2003, 40, 827-925.	0.7	16
25	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> , 2020, 711, 134611.	3.9	14
26	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> , 2013, 8, e81073.	1.1	13
27	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> , 2021, 153, 106120.	1.9	13
28	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> , 2010, 29, 393-400.	2.2	12
29	Microphytobenthos in ecotoxicology: A review of the use of marine benthic diatoms in bioassays. <i>Environment International</i> , 2010, 36, 637-646.	4.8	12
30	Effects of cold-dark storage on growth of <i>Cylindrotheca closterium</i> and its sensitivity to copper. <i>Chemosphere</i> , 2008, 72, 1366-1372.	4.2	11
31	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> , 2021, 383, 381-395.	2.1	11
32	Microalgal Immobilization Methods. <i>Methods in Molecular Biology</i> , 2013, 1051, 327-347.	0.4	9
33	Effect of Copper, Irgarol and Atrazine on Epiphytes Attached to Artificial Devices for Coastal Ecotoxicology Bioassays. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 656-660.	1.3	9
34	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> , 2018, 204, 190-196.	1.9	9
35	Could Contamination Avoidance Be an Endpoint That Protects the Environment? An Overview on How Species Respond to Copper, Glyphosate, and Silver Nanoparticles. <i>Toxics</i> , 2021, 9, 301.	1.6	8
36	Evaluation of three photosynthetic species smaller than ten microns as possible standard test organisms of ultraviolet-based ballast water treatment. <i>Marine Pollution Bulletin</i> , 2021, 170, 112643.	2.3	7

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37	Epiphyte toxicity bioassay for ecotoxicological and coastal monitoring. Environmental Monitoring and Assessment, 2014, 186, 4647-4654.	1.3	3
38	Toxicity Bioassays on Benthic Diatoms. , 2015, , 539-546.		1
39	Pharmaceuticals and aquatic benthic organisms: Toxicity and accumulation. , 2021, , 501-519.		0