

Carmen Garrido-Perez

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,822
citations

361413
20
h-index

289244
40
g-index

41
all docs

41
docs citations

41
times ranked

2399
citing authors

#	ARTICLE	IF	CITATIONS
1	Capability of different microalgae species for phytoremediation processes: Wastewater tertiary treatment, CO ₂ bio-fixation and low cost biofuels production. <i>Water Research</i> , 2014, 49, 465-474.	11.3	216
2	Comparing the use of different domestic wastewaters for coupling microalgal production and nutrient removal. <i>Bioresource Technology</i> , 2013, 131, 429-436.	9.6	187
3	Long term outdoor operation of a tubular airlift pilot photobioreactor and a high rate algal pond as tertiary treatment of urban wastewater. <i>Ecological Engineering</i> , 2013, 52, 143-153.	3.6	139
4	Performance of a flat panel reactor in the continuous culture of microalgae in urban wastewater: Prediction from a batch experiment. <i>Bioresource Technology</i> , 2013, 127, 456-463.	9.6	130
5	Freshwater microalgae selection for simultaneous wastewater nutrient removal and lipid production. <i>Algal Research</i> , 2017, 24, 477-485.	4.6	105
6	Ozonation of ibuprofen: A degradation and toxicity study. <i>Science of the Total Environment</i> , 2014, 466-467, 957-964.	8.0	103
7	Effect of Nitrogen and Phosphorus Concentration on Their Removal Kinetic in Treated Urban Wastewater by <i>Chlorella Vulgaris</i> . <i>International Journal of Phytoremediation</i> , 2011, 13, 884-896.	3.1	100
8	Are standard tests sensitive enough to evaluate effects of human pharmaceuticals in aquatic biota? Facing changes in research approaches when performing risk assessment of drugs. <i>Chemosphere</i> , 2015, 120, 75-85.	8.2	78
9	Environmental risk assessment of effluents as a whole emerging contaminant: Efficiency of alternative tertiary treatments for wastewater depuration. <i>Water Research</i> , 2017, 119, 136-149.	11.3	77
10	Photobiotreatment model (PhBT): a kinetic model for microalgae biomass growth and nutrient removal in wastewater. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 979-991.	2.2	73
11	PHOTBIOTREATMENT: INFLUENCE OF NITROGEN AND PHOSPHORUS RATIO IN WASTEWATER ON GROWTH KINETICS OF <i>SCENEDESMUS OBLIQUUS</i> . <i>International Journal of Phytoremediation</i> , 2013, 15, 774-788.	3.1	60
12	Wastewater treatment and biodiesel production by <i>Scenedesmus obliquus</i> in a two-stage cultivation process. <i>Bioresource Technology</i> , 2015, 181, 90-96.	9.6	56
13	Effect of pH control by means of flue gas addition on three different photo-bioreactors treating urban wastewater in long-term operation. <i>Ecological Engineering</i> , 2013, 57, 226-235.	3.6	47
14	Ecotoxicity and biodegradability of an alkyl ethoxysulphate surfactant in coastal waters. <i>Science of the Total Environment</i> , 2008, 394, 265-274.	8.0	46
15	Influence of light presence and biomass concentration on nutrient kinetic removal from urban wastewater by <i>Scenedesmus obliquus</i> . <i>Journal of Biotechnology</i> , 2014, 178, 32-37.	3.8	39
16	Lipid Production of Microalga <i>Ankistrodesmus falcatus</i> Increased by Nutrient and Light Starvation in a Two-Stage Cultivation Process. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 1471-1483.	2.9	37
17	<i>Chlorella stigmatophora</i> for Urban Wastewater Nutrient Removal and CO ₂ Abatement. <i>International Journal of Phytoremediation</i> , 2012, 14, 714-725.	3.1	29
18	Are WWTPs effluents responsible for acute toxicity? Seasonal variations of sediment quality at the Bay of Cádiz (SW, Spain). <i>Ecotoxicology</i> , 2015, 24, 368-380.	2.4	26

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19	Effect of the test media and toxicity of LAS on the growth of <i>Isochrysis galbana</i> . <i>Ecotoxicology</i> , 2008, 17, 738-746.	2.4	25
20	Radiological risk assessment of naturally occurring radioactive materials in marine sediments and its application in industrialized coastal areas: Bay of Algeciras, Spain. <i>Environmental Earth Sciences</i> , 2012, 66, 1175-1181.	2.7	24
21	Microbial indicators of faecal contamination in waters and sediments of beach bathing zones. <i>International Journal of Hygiene and Environmental Health</i> , 2008, 211, 510-517.	4.3	20
22	Is the step-wise tiered approach for ERA of pharmaceuticals useful for the assessment of cancer therapeutic drugs present in marine environment?. <i>Environmental Research</i> , 2016, 144, 43-59.	7.5	20
23	Source and Fate of Heavy Metals in Marine Sediments from a Semi-Enclosed Deep Embayment Subjected to Severe Anthropogenic Activities. <i>Water, Air, and Soil Pollution</i> , 2011, 221, 191-202.	2.4	19
24	Biodegradation kinetics of linear alkylbenzene sulphonates in sea water. <i>Biodegradation</i> , 2006, 18, 63-70.	3.0	17
25	Lindane toxicity on early life stages of gilthead seabream (<i>Sparus aurata</i>) with a note on its histopathological manifestations. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 94-102.	4.0	17
26	Suitability of Standardized Acute Toxicity Tests for Marine Sediment Assessment: Pharmaceutical Contamination. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	17
27	Evaluation of acute copper toxicity during early life stages of gilthead seabream, <i>Sparus aurata</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 525-533.	1.7	14
28	Fecal Pollution in Coastal Marine Sediments from a Semi-Enclosed Deep Embayment Subjected to Anthropogenic Activities: An Issue to Be Considered in Environmental Quality Management Frameworks Development. <i>EcoHealth</i> , 2010, 7, 473-484.	2.0	12
29	The potential of different marine microalgae species to recycle nutrients from recirculating aquaculture systems (RAS) fish farms and produce feed additives. <i>Algal Research</i> , 2021, 58, 102389.	4.6	12
30	Are combined AOPs effective for toxicity reduction in receiving marine environment? Suitability of battery of bioassays for wastewater treatment plant (WWTP) effluent as an ecotoxicological assessment. <i>Marine Environmental Research</i> , 2016, 114, 1-11.	2.5	11
31	Toxicity and Degradation Study of Clofibric Acid by Treatment with Ozone in Water. <i>Ozone: Science and Engineering</i> , 2016, 38, 425-433.	2.5	10
32	Biochemical responses of <i>Solea senegalensis</i> after continuous flow exposure to urban effluents. <i>Science of the Total Environment</i> , 2018, 615, 486-497.	8.0	9
33	Recycling "waste" nutrients back into RAS and FTS marine aquaculture facilities from the perspective of the circular economy. <i>Science of the Total Environment</i> , 2021, 762, 143057.	8.0	9
34	Factorial analysis of the biokinetic growth parameters and CO ₂ fixation rate of <i>Chlorella vulgaris</i> and <i>Botryococcus braunii</i> in wastewater and synthetic medium. <i>Desalination and Water Treatment</i> , 2014, 52, 4904-4914.	1.0	7
35	Effects and Risk Assessment of the Polycyclic Musk Compounds Galaxolide® and Tonalide® on Marine Microalgae, Invertebrates, and Fish. <i>Processes</i> , 2021, 9, 371.	2.8	7
36	Molecular structure and biodegradation kinetics of linear alkylbenzene sulphonates in sea water. <i>Biodegradation</i> , 2007, 18, 567-578.	3.0	6

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37	Health status alterations in <i>Ruditapes philippinarum</i> after continuous secondary effluent exposure before and after additional tertiary treatment application. <i>Environmental Pollution</i> , 2018, 235, 720-729.	7.5	6
38	Toxicity of lindane (γ -hexachlorocyclohexane) in <i>Sparus aurata</i> , <i>Crassostrea angulata</i> and <i>Scrobicularia plana</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2009, 44, 95-105.	1.5	5
39	Dilution and autodepuration processes in a coastal system affected by urban wastewater discharges: Case study of the Iro River estuary (southwestern Spain). <i>Ciencias Marinas</i> , 2005, 31, 221-230.	0.4	4
40	The Zoning of Semi-Enclosed Bodies of Water According to the Sediment Pollution: The Bay of Algeciras as a Case Example. <i>Estuaries and Coasts</i> , 2011, 34, 1129-1139.	2.2	3
41	CREATING A SPACE FOR EARLY CAREER RESEARCHERS: EXPERIENCES FROM A CONGRESS OF YOUNG MARINE SCIENTISTS. , 2021, , .		0