

Jose Antonio Perales

List of Publications by Year in descending order

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59
papers

3,069
citations

172207

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155451

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59
all docs

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docs citations

59
times ranked

3719
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis of microalgae production for aquafeed in Norway. <i>Algal Research</i> , 2022, 64, 102679.	2.4	9
2	Techno-economic assessment of microalgae production, harvesting and drying for food, feed, cosmetics, and agriculture. <i>Science of the Total Environment</i> , 2022, 837, 155742.	3.9	34
3	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.	3.9	9
4	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.	2.4	12
5	Urban wastewater photobiotreatment with microalgae in a continuously operated photobioreactor: growth, nutrient removal kinetics and biomass coagulation "flocculation". <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 342-355.	1.2	25
6	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.	3.7	6
7	Removal of pharmaceuticals in urban wastewater: High rate algae pond (HRAP) based technologies as an alternative to activated sludge based processes. <i>Water Research</i> , 2018, 139, 19-29.	5.3	166
8	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.	3.9	9
9	Combining sun-based technologies (microalgae and solar disinfection) for urban wastewater regeneration. <i>Science of the Total Environment</i> , 2018, 619-620, 1049-1057.	3.9	25
10	Anaerobic digestion of municipal sewage under psychrophilic conditions. <i>Journal of Cleaner Production</i> , 2018, 198, 931-939.	4.6	33
11	Freshwater microalgae selection for simultaneous wastewater nutrient removal and lipid production. <i>Algal Research</i> , 2017, 24, 477-485.	2.4	105
12	Optimization of pilot high rate algal ponds for simultaneous nutrient removal and lipids production. <i>Science of the Total Environment</i> , 2017, 589, 66-72.	3.9	65
13	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.	5.3	77
14	A new analytical technique for the extraction and quantification of microplastics in marine sediments focused on easy implementation and repeatability. <i>Analytical Methods</i> , 2017, 9, 6371-6378.	1.3	25
15	Catching a Glimpse of the Lack of Harmonization Regarding Techniques of Extraction of Microplastics in Marine Sediments. , 2017, , 151-152.		0
16	Effect of light quality supplied by light emitting diodes (LEDs) on growth and biochemical profiles of <i>Nannochloropsis oculata</i> and <i>Tetraselmis chuii</i> . <i>Algal Research</i> , 2016, 16, 387-398.	2.4	82
17	Distribution of beach litter along the coastline of Cádiz, Spain. <i>Marine Pollution Bulletin</i> , 2016, 107, 77-87.	2.3	117
18	Wastewater treatment and biodiesel production by <i>Scenedesmus obliquus</i> in a two-stage cultivation process. <i>Bioresource Technology</i> , 2015, 181, 90-96.	4.8	56

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19	Estimating baseline toxicity of PAHs from marine chronically polluted sediments and bioaccumulation in target organs of fish hypothetically exposed to them: a new tool in risk assessment. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1331-1339.	1.7	8
20	Urban wastewater treatment by seven species of microalgae and an algal bloom: Biomass production, N and P removal kinetics and harvestability. <i>Water Research</i> , 2015, 83, 42-51.	5.3	133
21	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
22	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.	1.9	39
23	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.	5.3	216
24	EROD activity and cytochrome P4501A induction in liver and gills of Senegal sole <i>Solea senegalensis</i> from a polluted Huelva Estuary (SW Spain). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 166, 134-144.	1.3	15
25	Light emitting diodes (LEDs) applied to microalgal production. <i>Trends in Biotechnology</i> , 2014, 32, 422-430.	4.9	282
26	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.	1.4	37
27	Feral finfish, and their relationships with sediments and seawater, as a tool for risk assessment of PAHs in chronically polluted environments. <i>Science of the Total Environment</i> , 2014, 470-471, 1030-1039.	3.9	16
28	Incorporating dynamics factor to the Environmental Sensitivity Index (ESI) shoreline classification – Estonian and Spanish example. <i>Journal of Coastal Research</i> , 2014, 70, 372-377.	0.1	1
29	Incorporating dynamic factors to the Environmental Sensitivity Index (ESI) shoreline classification – Estonian and Spanish examples. <i>Journal of Coastal Research</i> , 2014, 70, 235-240.	0.1	6
30	From waste to energy: Microalgae production in wastewater and glycerol. <i>Applied Energy</i> , 2013, 109, 283-290.	5.1	124
31	Histopathological alterations in Senegal sole, <i>Solea Senegalensis</i> , from a polluted Huelva estuary (SW, Spain). <i>Fish Physiology and Biochemistry</i> , 2013, 39, 523-545.	0.9	28
32	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.	1.6	139
33	Comparing the use of different domestic wastewaters for coupling microalgal production and nutrient removal. <i>Bioresource Technology</i> , 2013, 131, 429-436.	4.8	187
34	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.	1.6	47
35	Sources, transport and fate of PAHs in sediments and superficial water of a chronically polluted semi-enclosed body of seawater: linking of compartments. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 986.	1.7	14
36	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.	4.8	130

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37	Photobiotreatment model (PhBT): a kinetic model for microalgae biomass growth and nutrient removal in wastewater. Environmental Technology (United Kingdom), 2013, 34, 979-991.	1.2	73
38	PHOTOBOTREATMENT: INFLUENCE OF NITROGEN AND PHOSPHORUS RATIO IN WASTEWATER ON GROWTH KINETICS OF <i>SCENEDESMUS OBLIQUUS</i> . International Journal of Phytoremediation, 2013, 15, 774-788.	1.7	60
39	Recreating the seawater mixture composition of HOCs in toxicity tests with <i>Artemia franciscana</i> by passive dosing. Aquatic Toxicology, 2012, 120-121, 27-34.	1.9	34
40	Biomarkers responses in muscle of Senegal sole (<i>Solea senegalensis</i>) from a heavy metals and PAHs polluted estuary. Marine Pollution Bulletin, 2012, 64, 2097-2108.	2.3	35
41	<i>Chlorella stigmatophora</i> for Urban Wastewater Nutrient Removal and CO ₂ Abatement. International Journal of Phytoremediation, 2012, 14, 714-725.	1.7	29
42	Effect of Nitrogen and Phosphorus Concentration on Their Removal Kinetic in Treated Urban Wastewater by <i>Chlorella Vulgaris</i> . International Journal of Phytoremediation, 2011, 13, 884-896.	1.7	100
43	The Zoning of Semi-Enclosed Bodies of Water According to the Sediment Pollution: The Bay of Algeciras as a Case Example. Estuaries and Coasts, 2011, 34, 1129-1139.	1.0	3
44	Biochemical effects and polycyclic aromatic hydrocarbons (PAHs) in senegal sole (<i>Solea senegalensis</i>) from a Huelva estuary (SW Spain). Ecotoxicology and Environmental Safety, 2010, 73, 1842-1851.	2.9	65
45	Effect of the test media and toxicity of LAS on the growth of <i>Isochrysis galbana</i> . Ecotoxicology, 2008, 17, 738-746.	1.1	25
46	Microbial indicators of faecal contamination in waters and sediments of beach bathing zones. International Journal of Hygiene and Environmental Health, 2008, 211, 510-517.	2.1	20
47	Ecotoxicity and biodegradability of an alkyl ethoxysulphate surfactant in coastal waters. Science of the Total Environment, 2008, 394, 265-274.	3.9	46
48	Molecular structure and biodegradation kinetics of linear alkylbenzene sulphonates in sea water. Biodegradation, 2007, 18, 567-578.	1.5	6
49	Biodegradation kinetics of linear alkylbenzene sulphonates in sea water. Biodegradation, 2006, 18, 63-70.	1.5	17
50	Catalyzed Hydrogen Peroxide Treatment of Polychlorinated Biphenyl Contaminated Sandy Soils. Water, Air, and Soil Pollution, 2004, 154, 57-69.	1.1	23
51	Using solar and ultraviolet light to degrade PCBs in sand and transformer oils. Chemosphere, 2004, 57, 645-654.	4.2	26
52	Enhancement of aerobic microbial degradation of polychlorinated biphenyl in soil microcosms. Environmental Toxicology and Chemistry, 2003, 22, 699-705.	2.2	11
53	Biodisposition of linear alkylbenzene sulphonates and their associated sulphophenyl carboxylic acid metabolites in sea water. International Biodeterioration and Biodegradation, 2003, 51, 187-194.	1.9	11
54	Microbial Degradation and Chemical Oxidation of Sandy Sediment Contaminated with Polychlorinated Biphenyl. Environmental Engineering Science, 2003, 20, 91-101.	0.8	1

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55	Biodegradation kinetics of LAS in river water. International Biodeterioration and Biodegradation, 1999, 43, 155-160.	1.9	33
56	Linear Alkylbenzene Sulphonates: Biodegradability and Isomeric Composition. Bulletin of Environmental Contamination and Toxicology, 1999, 63, 94-100.	1.3	27
57	The effect of temperature on the biodegradation of a nonylphenol polyethoxylate in river water. Water Research, 1999, 33, 2593-2600.	5.3	90
58	Biodegradation kinetics of surfactants in seawater. Chemosphere, 1999, 39, 1957-1969.	4.2	33
59	Effect of Concentration on the Biodegradation of a Nonylphenol Polyethoxylate in River Water. Bulletin of Environmental Contamination and Toxicology, 1998, 61, 489-496.	1.3	17