

Angela Cunha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

5,859
citations

46
h-index

68
g-index

181
ext. papers

6,734
ext. citations

4.5
avg, IF

5.57
L-index

#	Paper	IF	Citations
166	Complex cellular environments imaged by SERS nanoprobe using sugars as an all-in-one vector. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 9285-9294	7.3	0
165	Photodynamic control of citrus crop diseases. <i>World Journal of Microbiology and Biotechnology</i> , 2021 , 37, 199	4.4	
164	The Root Microbiome of <i>Salicornia ramosissima</i> as a Seedbank for Plant-Growth Promoting Halotolerant Bacteria. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2233	2.6	4
163	Photodynamic inactivation of : lighting the way towards an environmentally friendly phytosanitary treatment. <i>Biology Letters</i> , 2021 , 17, 20200820	3.6	3
162	Biosurfactant Production in Sub-Oxic Conditions Detected in Hydrocarbon-Degrading Isolates from Marine and Estuarine Sediments. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
161	Photodynamic inactivation of the phytopathogenic bacterium <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Letters in Applied Microbiology</i> , 2020 , 71, 420-427	2.9	1
160	Siderophore-Producing Rhizobacteria as a Promising Tool for Empowering Plants to Cope with Iron Limitation in Saline Soils: A Review. <i>Pedosphere</i> , 2019 , 29, 409-420	5	54
159	Photoinactivation of Planktonic and Biofilm Forms of <i>Escherichia coli</i> through the Action of Cationic Zinc(II) Phthalocyanines. <i>ChemPhotoChem</i> , 2019 , 3, 251-260	3.3	20
158	Layered Double Hydroxide Clusters as Precursors of Novel Multifunctional Layers: A Bottom-Up Approach. <i>Coatings</i> , 2019 , 9, 328	2.9	9
157	Increase in bacterial biosurfactant production by co-cultivation with biofilm-forming bacteria. <i>Letters in Applied Microbiology</i> , 2019 , 69, 79-86	2.9	5
156	Microcosm evaluation of the impact of oil contamination and chemical dispersant addition on bacterial communities and sediment remediation of an estuarine port environment. <i>Journal of Applied Microbiology</i> , 2019 , 127, 134-149	4.7	3
155	Improved germination efficiency of <i>Salicornia ramosissima</i> seeds inoculated with <i>Bacillus aryabhattai</i> SP1016-20. <i>Annals of Applied Biology</i> , 2019 , 174, 319-328	2.6	6
154	Synthesis and characterization of photoactive porphyrin and poly(2-hydroxyethyl methacrylate) based materials with bactericidal properties. <i>Applied Materials Today</i> , 2019 , 16, 332-341	6.6	17
153	, , and Halophytic Grasses: Characterization of Polyphenolic and Chlorophyll Profiles and Evaluation of Their Biological Activities. <i>Molecules</i> , 2019 , 24,	4.8	14
152	Photodynamic inactivation of <i>Listeria innocua</i> biofilms with food-grade photosensitizers: a curcumin-rich extract of <i>Curcuma longa</i> vs commercial curcumin. <i>Journal of Applied Microbiology</i> , 2018 , 125, 282-294	4.7	26
151	Phthalocyanine-sulfonamide conjugates: Synthesis and photodynamic inactivation of Gram-negative and Gram-positive bacteria. <i>European Journal of Medicinal Chemistry</i> , 2018 , 154, 60-67	6.8	7
150	Antimicrobial Photodynamic Activity of Cationic Nanoparticles Decorated with Glycosylated Photosensitizers for Water Disinfection. <i>ChemPhotoChem</i> , 2018 , 2, 596-605	3.3	4

149	Evaluation of meso-substituted cationic corroles as potential antibacterial agents. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018 , 90, 1175-1185	1.4	11
148	Independent and interactive effects of reduced seawater pH and oil contamination on subsurface sediment bacterial communities. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 32756-32766	5.1	4
147	Biodegradation of 17 β -estradiol by bacteria isolated from deep sea sediments in aerobic and anaerobic media. <i>Journal of Hazardous Materials</i> , 2017 , 323, 359-366	12.8	33
146	Antimicrobial activity of 2-mercaptobenzothiazole released from environmentally friendly nanostructured layered double hydroxides. <i>Journal of Applied Microbiology</i> , 2017 , 122, 1207-1218	4.7	14
145	Effects of the Inoculant Strain <i>Pseudomonas</i> sp. SPN31 nah and of 2-Methylnaphthalene Contamination on the Rhizosphere and Endosphere Bacterial Communities of <i>Halimione portulacoides</i> . <i>Current Microbiology</i> , 2017 , 74, 575-583	2.4	1
144	Bacterial production of biosurfactants under microaerobic and anaerobic conditions. <i>Reviews in Environmental Science and Biotechnology</i> , 2017 , 16, 239-272	13.9	13
143	Octacationic and axially di-substituted silicon (IV) phthalocyanines for photodynamic inactivation of bacteria. <i>Dyes and Pigments</i> , 2017 , 145, 239-245	4.6	23
142	Nanomagnet-photosensitizer hybrid materials for the degradation of 17 β -estradiol in batch and flow modes. <i>Dyes and Pigments</i> , 2017 , 142, 535-543	4.6	13
141	Control of <i>Listeria innocua</i> biofilms by biocompatible photodynamic antifouling chitosan based materials. <i>Dyes and Pigments</i> , 2017 , 137, 265-276	4.6	35
140	Microbial Remediation of Organometals and Oil Hydrocarbons in the Marine Environment 2017 , 41-66		1
139	Assessment of the microbiological quality of recreational waters: indicators and methods. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2017 , 2, 1	1.7	31
138	Inactivation of pathogenic bacteria in food matrices: high pressure processing, photodynamic inactivation and pressure-assisted photodynamic inactivation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 85, 012016	0.3	
137	Photodynamic inactivation of <i>Escherichia coli</i> with cationic meso-tetraarylporphyrins: The charge number and charge distribution effects. <i>Catalysis Today</i> , 2016 , 266, 197-204	5.3	62
136	Biological control of <i>Aeromonas salmonicida</i> infection in juvenile Senegalese sole (<i>Solea senegalensis</i>) with Phage AS-A. <i>Aquaculture</i> , 2016 , 450, 225-233	4.4	51
135	Effect of temperature and compression/decompression rates on high pressure inactivation of <i>Listeria</i> . <i>Acta Alimentaria</i> , 2016 , 45, 61-68	1	2
134	Integrated analysis of bacterial and microeukaryotic communities from differentially active mud volcanoes in the Gulf of Cadiz. <i>Scientific Reports</i> , 2016 , 6, 35272	4.9	12
133	Inactivation of <i>Staphylococcus aureus</i> by high pressure processing: An overview. <i>Innovative Food Science and Emerging Technologies</i> , 2016 , 36, 128-149	6.8	32
132	The role of surface functionalization of silica nanoparticles for bioimaging. <i>Journal of Innovative Optical Health Sciences</i> , 2016 , 09, 1630005	1.2	21

131	Air quality in a school with dampness and mould problems. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 107-115	5.6	21
130	Indirect and direct damage to genomic DNA induced by 5,10,15-tris(1-methylpyridinium-4-yl)-20-(pentafluorophenyl)porphyrin upon photodynamic action. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 331-336	1.8	7
129	Susceptibility of <i>Listeria monocytogenes</i> to high pressure processing: A review. <i>Food Reviews International</i> , 2016 , 32, 377-399	5.5	38
128	Effect of Photodynamic Therapy on the Virulence Factors of <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 267	5.7	54
127	Insights on the Optical Properties of Estuarine DOM - Hydrological and Biological Influences. <i>PLoS ONE</i> , 2016 , 11, e0154519	3.7	20
126	Chitosan- α -nipin film, a sustainable methodology for wine preservation. <i>Green Chemistry</i> , 2016 , 18, 5331-5341	5.8	44
125	Photodegradation of organic pollutants in water by immobilized porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 150-166	1.8	46
124	Bacteriophages with potential to inactivate <i>Salmonella Typhimurium</i> : Use of single phage suspensions and phage cocktails. <i>Virus Research</i> , 2016 , 220, 179-92	6.4	59
123	Overall biochemical changes in bacteria photosensitized with cationic porphyrins monitored by infrared spectroscopy. <i>Future Medicinal Chemistry</i> , 2016 , 8, 613-28	4.1	7
122	Photodynamic inactivation of <i>Escherichia coli</i> with cationic ammonium Zn(II) phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1872-9	4.2	20
121	Polycyclic aromatic hydrocarbons in deep sea sediments: Microbe-pollutant interactions in a remote environment. <i>Science of the Total Environment</i> , 2015 , 526, 312-28	10.2	64
120	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1853-63	4.2	30
119	Inactivation of enterotoxigenic and non-enterotoxigenic <i>Staphylococcus aureus</i> strains by high pressure treatments and evaluation of its impact on virulence factors. <i>Food Control</i> , 2015 , 57, 252-257	6.2	5
118	Potential applications of porphyrins in photodynamic inactivation beyond the medical scope. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2015 , 22, 34-57	16.4	139
117	Unraveling the interactive effects of climate change and oil contamination on laboratory-simulated estuarine benthic communities. <i>Global Change Biology</i> , 2015 , 21, 1871-86	11.4	24
116	Microbe-assisted phytoremediation of hydrocarbons in estuarine environments. <i>Microbial Ecology</i> , 2015 , 69, 1-12	4.4	34
115	Evaluation of resistance development and viability recovery by toxigenic and non-toxigenic <i>Staphylococcus aureus</i> strains after repeated cycles of high hydrostatic pressure. <i>Food Microbiology</i> , 2015 , 46, 515-520	6	8
114	Antimicrobial activity of new green-functionalized oxazoline-based oligomers against clinical isolates. <i>SpringerPlus</i> , 2015 , 4, 382		5

113	Effect of different culture conditions on the structural diversity of prokaryote communities in the sediment of earth ponds stocked with gilthead seabream <i>Sparus aurata</i> (Linnaeus, 1758). <i>Aquaculture Research</i> , 2015 , 46, 1760-1769	1.9	
112	Assessment of Transition Metals Toxicity in Environmental Matrices Using Potentiometric Electrodes: Inorganic Mercury(II) in the Seawater as a Case Study. <i>Electroanalysis</i> , 2015 , 27, 1932-1938	3	2
111	Protein profiles of <i>Escherichia coli</i> and <i>Staphylococcus warneri</i> are altered by photosensitization with cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1169-78	4.2	33
110	A novel approach for immobilization of polyhexamethylene biguanide within silica capsules. <i>RSC Advances</i> , 2015 , 5, 92656-92663	3.7	11
109	Seasonal variation of bacterial communities in shellfish harvesting waters: preliminary study before applying phage therapy. <i>Marine Pollution Bulletin</i> , 2015 , 90, 68-77	6.7	13
108	Incorporation of biocides in nanocapsules for protective coatings used in maritime applications. <i>Chemical Engineering Journal</i> , 2015 , 270, 150-157	14.7	51
107	Heterotrophic activities of neustonic and planktonic bacterial communities in an estuarine environment (Ria de Aveiro). <i>Journal of Plankton Research</i> , 2014 , 36, 230-242	2.2	9
106	Influence of external bacterial structures on the efficiency of photodynamic inactivation by a cationic porphyrin. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 680-90	4.2	81
105	Hydrocarbon contamination and plant species determine the phylogenetic and functional diversity of endophytic degrading bacteria. <i>Molecular Ecology</i> , 2014 , 23, 1392-1404	5.7	46
104	An insight on bacterial cellular targets of photodynamic inactivation. <i>Future Medicinal Chemistry</i> , 2014 , 6, 141-64	4.1	168
103	Photodynamic inactivation of bioluminescent <i>Escherichia coli</i> by neutral and cationic pyrrolidine-fused chlorins and isobacteriochlorins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 808-12	2.9	39
102	Evaluation of the interplay among the charge of porphyrinic photosensitizers, lipid oxidation and photoinactivation efficiency in <i>Escherichia coli</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 141, 145-53	6.7	18
101	Halophyte plant colonization as a driver of the composition of bacterial communities in salt marshes chronically exposed to oil hydrocarbons. <i>FEMS Microbiology Ecology</i> , 2014 , 90, 647-62	4.3	22
100	Influence of environmental variables in the efficiency of phage therapy in aquaculture. <i>Microbial Biotechnology</i> , 2014 , 7, 401-13	6.3	40
99	Influence of incubation conditions on bacterial production estimates in an estuarine system. <i>Aquatic Ecology</i> , 2014 , 48, 327-336	1.9	0
98	Photochemical and microbial alterations of DOM spectroscopic properties in the estuarine system Ria de Aveiro. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 1146-59	4.2	21
97	Photodynamic inactivation of bacterial and yeast biofilms with a cationic porphyrin. <i>Photochemistry and Photobiology</i> , 2014 , 90, 1387-96	3.6	78
96	SDS-PAGE and IR spectroscopy to evaluate modifications in the viral protein profile induced by a cationic porphyrinic photosensitizer. <i>Journal of Virological Methods</i> , 2014 , 209, 103-9	2.6	14

95	Photodynamic inactivation of multidrug-resistant bacteria in hospital wastewaters: influence of residual antibiotics. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 626-33	4.2	84
94	Proportion of prokaryotes enumerated as viruses by epifluorescence microscopy. <i>Annals of Microbiology</i> , 2014 , 64, 773-778	3.2	2
93	Pyrrolidine-fused chlorin photosensitizer immobilized on solid supports for the photoinactivation of Gram negative bacteria. <i>Dyes and Pigments</i> , 2014 , 110, 123-133	4.6	32
92	A new insight on nanomagnetoporphyrin hybrids for photodynamic inactivation of microorganisms. <i>Dyes and Pigments</i> , 2014 , 110, 80-88	4.6	56
91	Phage therapy as an approach to prevent <i>Vibrio anguillarum</i> infections in fish larvae production. <i>PLoS ONE</i> , 2014 , 9, e114197	3.7	90
90	Contribution of chemical water properties to the differential responses of bacterioneuston and bacterioplankton to ultraviolet-B radiation. <i>FEMS Microbiology Ecology</i> , 2014 , 87, 517-35	4.3	8
89	Impact of freshwater inflow on bacterial abundance and activity in the estuarine system Ria de Aveiro. <i>Estuarine, Coastal and Shelf Science</i> , 2014 , 138, 107-120	2.9	19
88	Efficiency of phage cocktails in the inactivation of <i>Vibrio</i> in aquaculture. <i>Aquaculture</i> , 2014 , 424-425, 167-173	4.4	91
87	Assessing variation in bacterial composition between the rhizospheres of two mangrove tree species. <i>Estuarine, Coastal and Shelf Science</i> , 2014 , 139, 40-45	2.9	25
86	Photodynamic oxidation of <i>Staphylococcus warneri</i> membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 1607-18	2.2	29
85	Chitosan-caffeic acid-genipin films presenting enhanced antioxidant activity and stability in acidic media. <i>Carbohydrate Polymers</i> , 2013 , 91, 236-43	10.3	76
84	Involvement of type I and type II mechanisms on the photoinactivation of non-enveloped DNA and RNA bacteriophages. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013 , 120, 10-6	6.7	32
83	Photodynamic oxidation of <i>Escherichia coli</i> membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 2717-28	2.2	39
82	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5429-5435	7.3	15
81	Bivalve Harvesting and Production in Portugal: An Overview. <i>Journal of Shellfish Research</i> , 2013 , 32, 911-1		10
80	Comparison of Methodologies for the Extraction of Bacterial DNA from Mussels: Relevance for Food Safety. <i>Food Analytical Methods</i> , 2013 , 6, 201-209	3.4	4
79	Selective cultures for the isolation of biosurfactant producing bacteria: comparison of different combinations of environmental inocula and hydrophobic carbon sources. <i>Preparative Biochemistry and Biotechnology</i> , 2013 , 43, 237-55	2.4	5
78	Wavelength dependence of biological damage induced by UV radiation on bacteria. <i>Archives of Microbiology</i> , 2013 , 195, 63-74	3	129

77	Growth conditions influence UVB sensitivity and oxidative damage in an estuarine bacterial isolate. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 974-86	4.2	3
76	Development and validation of an experimental life support system for assessing the effects of global climate change and environmental contamination on estuarine and coastal marine benthic communities. <i>Global Change Biology</i> , 2013 , 19, 2584-95	11.4	13
75	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4311-8	3.4	32
74	Effects of UV radiation on the lipids and proteins of bacteria studied by mid-infrared spectroscopy. <i>Environmental Science & Technology</i> , 2013 , 47, 6306-15	10.3	38
73	Cationic galactoporphyrin photosensitisers against UV-B resistant bacteria: oxidation of lipids and proteins by 1(O ₂). <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 262-71	4.2	24
72	Photosensitized oxidation of phosphatidylethanolamines monitored by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 1357-65	2.2	18
71	Role of transition metals in UV-B-induced damage to bacteria. <i>Photochemistry and Photobiology</i> , 2013 , 89, 640-8	3.6	4
70	Interactive effects of global climate change and pollution on marine microbes: the way ahead. <i>Ecology and Evolution</i> , 2013 , 3, 1808-18	2.8	27
69	Can volatile organic metabolites be used to simultaneously assess microbial and mite contamination level in cereal grains and coffee beans?. <i>PLoS ONE</i> , 2013 , 8, e59338	3.7	15
68	Phthalocyanine thio-pyridinium derivatives as antibacterial photosensitizers. <i>Photochemistry and Photobiology</i> , 2012 , 88, 537-47	3.6	53
67	Impact of sampling depth and plant species on local environmental conditions, microbiological parameters and bacterial composition in a mercury contaminated salt marsh. <i>Marine Pollution Bulletin</i> , 2012 , 64, 263-71	6.7	13
66	Impact of organic and inorganic nanomaterials in the soil microbial community structure. <i>Science of the Total Environment</i> , 2012 , 424, 344-50	10.2	72
65	Photo-inactivation of Bacillus endospores: inter-specific variability of inactivation efficiency. <i>Microbiology and Immunology</i> , 2012 , 56, 692-9	2.7	17
64	Bacteriophage therapy as a bacterial control strategy in aquaculture. <i>Aquaculture International</i> , 2012 , 20, 879-910	2.6	86
63	Contribution of reactive oxygen species to UV-B-induced damage in bacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012 , 117, 40-6	6.7	44
62	Denaturing gradient gel electrophoresis and barcoded pyrosequencing reveal unprecedented archaeal diversity in mangrove sediment and rhizosphere samples. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 5520-8	4.8	171
61	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 1520-3	4.2	30
60	Comparative photodynamic inactivation of antibiotic resistant bacteria by first and second generation cationic photosensitizers. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 1905-13	4.2	48

59	The UV responses of bacterioneuston and bacterioplankton isolates depend on the physiological condition and involve a metabolic shift. <i>FEMS Microbiology Ecology</i> , 2012 , 80, 646-58	4.3	18
58	Prokaryotes in salt marsh sediments of Ria de Aveiro: Effects of halophyte vegetation on abundance and diversity. <i>Estuarine, Coastal and Shelf Science</i> , 2012 , 110, 61-68	2.9	19
57	Phage therapy to control multidrug-resistant <i>Pseudomonas aeruginosa</i> skin infections: in vitro and ex vivo experiments. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012 , 31, 3241-9	5.3	62
56	Effect of tributyltin (TBT) in the metabolic activity of TBT-resistant and sensitive estuarine bacteria. <i>Environmental Toxicology</i> , 2012 , 27, 11-7	4.2	16
55	Ultracentrifugation as a direct method to concentrate viruses in environmental waters: virus-like particle enumeration as a new approach to determine the efficiency of recovery. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 64-70		23
54	Photodynamic inactivation of mammalian viruses and bacteriophages. <i>Viruses</i> , 2012 , 4, 1034-74	6.2	132
53	Effects of UV-B radiation on the structural and physiological diversity of bacterioneuston and bacterioplankton. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2066-9	4.8	40
52	Isolation of surfactant-resistant pseudomonads from the estuarine surface microlayer. <i>Journal of Microbiology and Biotechnology</i> , 2012 , 22, 283-91	3.3	17
51	Evaluating seasonal dynamics of bacterial communities in marine fish aquaculture: a preliminary study before applying phage therapy. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 1053-8		26
50	Mechanisms of photodynamic inactivation of a gram-negative recombinant bioluminescent bacterium by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1659-69	4.2	89
49	Photodynamic inactivation of <i>Penicillium chrysogenum</i> conidia by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1735-43	4.2	66
48	Applicability of photodynamic antimicrobial chemotherapy as an alternative to inactivate fish pathogenic bacteria in aquaculture systems. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1691-700	4.2	30
47	Microbial contamination and purification of bivalve shellfish: Crucial aspects in monitoring and future perspectives A mini-review. <i>Food Control</i> , 2011 , 22, 805-816	6.2	91
46	Bacteriophages with potential for inactivation of fish pathogenic bacteria: survival, host specificity and effect on bacterial community structure. <i>Marine Drugs</i> , 2011 , 9, 2236-55	6	54
45	Bacterial biomass production in an estuarine system: high variability of leucine conversion factors and changes in bacterial community structure during incubation. <i>Aquatic Microbial Ecology</i> , 2011 , 62, 299-310	1.1	6
44	Photodynamic antimicrobial chemotherapy in aquaculture: photoinactivation studies of <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011 , 6, e20970	3.7	57
43	Exploring hydrocarbonoclastic bacterial communities in the estuarine surface microlayer. <i>Aquatic Microbial Ecology</i> , 2011 , 64, 185-195	1.1	10
42	Diversity in UV sensitivity and recovery potential among bacterioneuston and bacterioplankton isolates. <i>Letters in Applied Microbiology</i> , 2011 , 52, 360-6	2.9	22

41	Relation between bacterial activity in the surface microlayer and estuarine hydrodynamics. <i>FEMS Microbiology Ecology</i> , 2011 , 77, 636-46	4.3	22
40	Evaluation of resistance development and viability recovery by a non-enveloped virus after repeated cycles of aPDT. <i>Antiviral Research</i> , 2011 , 91, 278-82	10.8	71
39	Chapter 5: Porphyrins as Antimicrobial Photosensitizing Agents. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2011 , 83-160	0.3	41
38	Effects of ultraviolet radiation on the abundance, diversity and activity of bacterioneuston and bacterioplankton: insights from microcosm studies. <i>Aquatic Sciences</i> , 2011 , 73, 63-77	2.5	13
37	Bioluminescence and its application in the monitoring of antimicrobial photodynamic therapy. <i>Applied Microbiology and Biotechnology</i> , 2011 , 92, 1115-28	5.7	24
36	Taking root: enduring effect of rhizosphere bacterial colonization in mangroves. <i>PLoS ONE</i> , 2010 , 5, e14065	9.5	98
35	Functional cationic nanomagnet-porphyrin hybrids for the photoinactivation of microorganisms. <i>ACS Nano</i> , 2010 , 4, 7133-40	16.7	98
34	Antimicrobial photodynamic therapy: study of bacterial recovery viability and potential development of resistance after treatment. <i>Marine Drugs</i> , 2010 , 8, 91-105	6	282
33	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 1126-33	4.2	62
32	Effects of monospecific banks of salt marsh vegetation on sediment bacterial communities. <i>Microbial Ecology</i> , 2010 , 60, 167-79	4.4	21
31	Modelling the ecological patterns of a temperate lagoon in a very wet spring season. <i>Ecological Modelling</i> , 2010 , 221, 2302-2322	3	11
30	Short-term variability of abundance, diversity and activity of estuarine bacterioneuston and bacterioplankton. <i>Journal of Plankton Research</i> , 2009 , 31, 1545-1555	2.2	28
29	Charge effect on the photoinactivation of Gram-negative and Gram-positive bacteria by cationic meso-substituted porphyrins. <i>BMC Microbiology</i> , 2009 , 9, 70	4.5	151
28	Inorganic nutrient regulation of bacterioplankton heterotrophic activity in an estuarine system (Ria de Aveiro, Portugal). <i>Hydrobiologia</i> , 2009 , 628, 81-93	2.4	8
27	Porphyrin derivatives as photosensitizers for the inactivation of <i>Bacillus cereus</i> endospores. <i>Journal of Applied Microbiology</i> , 2009 , 106, 1986-95	4.7	70
26	Antimicrobial photodynamic activity of porphyrin derivatives: potential application on medical and water disinfection. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 574-577	1.8	48
25	Phage therapy and photodynamic therapy: low environmental impact approaches to inactivate microorganisms in fish farming plants. <i>Marine Drugs</i> , 2009 , 7, 268-313	6	107
24	Sewage bacteriophage photoinactivation by porphyrins immobilized in solid matrixes 2009 ,		1

23	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 415-22	4.2	71
22	Photodynamic inactivation of recombinant bioluminescent <i>Escherichia coli</i> by cationic porphyrins under artificial and solar irradiation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008 , 35, 1447-54	4.2	73
21	Photoinactivation of bacteria in wastewater by porphyrins: bacterial beta-galactosidase activity and leucine-uptake as methods to monitor the process. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007 , 88, 112-8	6.7	84
20	Influence of salt marsh on bacterial activity in two estuaries with different hydrodynamic characteristics (Ria de Aveiro and Tagus Estuary). <i>FEMS Microbiology Ecology</i> , 2007 , 60, 429-41	4.3	19
19	Copper effects on bacterial activity of estuarine silty sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 73, 743-752	2.9	11
18	Bacterial productivity distribution during a rainy year in an estuarine system. <i>Microbial Ecology</i> , 2007 , 53, 208-20	4.4	9
17	Seasonal and spatial variability of free-living bacterial community composition along an estuarine gradient (Ria de Aveiro, Portugal). <i>Estuarine, Coastal and Shelf Science</i> , 2006 , 68, 139-148	2.9	81
16	Perylene toxicity in the estuarine environment of Ria de Aveiro (Portugal). <i>Ecotoxicology</i> , 2006 , 15, 171-85	9	10
15	Influence of an estuarine plume and marine sewage outfall on the dynamics of coastal bacterioplankton communities. <i>Aquatic Microbial Ecology</i> , 2006 , 44, 253-262	1.1	7
14	Activity and growth efficiency of heterotrophic bacteria in a salt marsh (Ria de Aveiro, Portugal). <i>Microbiological Research</i> , 2005 , 160, 279-90	5.3	14
13	Relationship of bacterioplankton production with primary production and respiration in a shallow estuarine system (Ria de Aveiro, NW Portugal). <i>Microbiological Research</i> , 2005 , 160, 315-28	5.3	31
12	Molecular sequence analysis of prokaryotic diversity in the middle and outer sections of the Portuguese estuary Ria de Aveiro. <i>FEMS Microbiology Ecology</i> , 2004 , 49, 269-79	4.3	49
11	Assessment of copper toxicity using an acoustic wave sensor. <i>Biosensors and Bioelectronics</i> , 2004 , 19, 1203-8	11.8	13
10	Fluxes of bacterioplankton between a tidal estuary and the sea: returning to the Dütwellung Hypothesis. <i>Aquatic Ecology</i> , 2003 , 37, 45-54	1.9	13
9	Ectoenzymatic activity and glucose heterotrophic metabolism in a shallow estuary (Ria de Aveiro, Portugal): influence of bed sediments and salt marshes. <i>Acta Oecologica</i> , 2003 , 24, S97-S107	1.7	6
8	Seasonal change in the proportion of bacterial and phytoplankton production along a salinity gradient in a shallow estuary. <i>Hydrobiologia</i> , 2002 , 475/476, 251-262	2.4	22
7	Is bacterioplankton production in the Ria de Aveiro influenced by salt marshes and bed sediment?. <i>Aquatic Ecology</i> , 2002 , 36, 469-482	1.9	8
6	Loss of Estuarine Bacteria by Viral Infection and Predation in Microcosm Conditions. <i>Microbial Ecology</i> , 2001 , 42, 562-571	4.4	31

5	Factors Influencing Bacterial Production in a Shallow Estuarine System. <i>Microbial Ecology</i> , 2001 , 42, 416-426	35
4	Physiological responses of marine and brackish water bacterial assemblages in a tidal estuary (Ria de Aveiro, Portugal). <i>Aquatic Microbial Ecology</i> , 2001 , 25, 113-125	1.1 7
3	Patterns of ectoenzymatic and heterotrophic bacterial activities along a salinity gradient in a shallow tidal estuary. <i>Marine Ecology - Progress Series</i> , 2000 , 204, 1-12	2.6 53
2	Compartments of oxygen consumption in a tidal mesotrophic estuary (Ria de Aveiro, Portugal). <i>Acta Oecologica</i> , 1999 , 20, 227-235	1.7 14
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