

# Angela Cunha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6758717/publications.pdf>

Version: 2024-02-01

174  
papers

7,500  
citations

38742

50  
h-index

66911

78  
g-index

181  
all docs

181  
docs citations

181  
times ranked

7927  
citing authors

#	ARTICLE	IF	CITATIONS
1	From the saltpan to the plate: An evaluation of the use of the edible halophyte <i>Salicornia ramosissima</i> in catering. <i>Annals of Applied Biology</i> , 2022, 180, 99-108.	2.5	6
2	In vitro photodynamic treatment of <i>Fusarium oxysporum</i> conidia through the action of thiopyridinium and methoxypyridinium chlorins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 432, 114081.	3.9	10
3	Microbial diversity as an indicator of a diversified cropping system for luvisols in a moderate climate. Case study – Long term experiments from Poland. <i>Ecological Indicators</i> , 2022, 141, 109133.	6.3	1
4	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.	2.5	17
5	Photodynamic inactivation of <i>Lasiodiplodia theobromae</i> : lighting the way towards an environmentally friendly phytosanitary treatment. <i>Biology Letters</i> , 2021, 17, 20200820.	2.3	8
6	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.	5.8	2
7	Photodynamic control of citrus crop diseases. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 199.	3.6	2
8	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, 1746.	2.6	8
9	Photodynamic inactivation of the phytopathogenic bacterium <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Letters in Applied Microbiology</i> , 2020, 71, 420-427.	2.2	5
10	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.	4.3	22
11	<i>Puccinellia maritima</i> , <i>Spartina maritima</i> , and <i>Spartina patens</i> Halophytic Grasses: Characterization of Polyphenolic and Chlorophyll Profiles and Evaluation of Their Biological Activities. <i>Molecules</i> , 2019, 24, 3796.	3.8	20
12	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.	4.0	111
13	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.	3.0	28
14	Layered Double Hydroxide Clusters as Precursors of Novel Multifunctional Layers: A Bottom-Up Approach. <i>Coatings</i> , 2019, 9, 328.	2.6	19
15	Increase in bacterial biosurfactant production by co-cultivation with biofilm-forming bacteria. <i>Letters in Applied Microbiology</i> , 2019, 69, 79-86.	2.2	9
16	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.	3.1	9
17	Improved germination efficiency of <i>Salicornia ramosissima</i> seeds inoculated with <i>Bacillus aryabhattai</i> SP1016. <i>Annals of Applied Biology</i> , 2019, 174, 319-328.	2.5	11
18	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.	3.1	36

#	ARTICLE	IF	CITATIONS
19	Antimicrobial Photodynamic Activity of Cationic Nanoparticles Decorated with Glycosylated Photosensitizers for Water Disinfection. <i>ChemPhotoChem</i> , 2018, 2, 596-605.	3.0	5
20	Evaluation of meso-substituted cationic corroles as potential antibacterial agents. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1175-1185.	0.8	17
21	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.	5.3	6
22	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.	5.5	9
23	Biodegradation of 17 $\beta$ -estradiol by bacteria isolated from deep sea sediments in aerobic and anaerobic media. <i>Journal of Hazardous Materials</i> , 2017, 323, 359-366.	12.4	42
24	Antimicrobial activity of 2-mercaptobenzothiazole released from environmentally friendly nanostructured layered double hydroxides. <i>Journal of Applied Microbiology</i> , 2017, 122, 1207-1218.	3.1	18
25	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.	2.2	2
26	Bacterial production of biosurfactants under microaerobic and anaerobic conditions. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 239-272.	8.1	17
27	Octacationic and axially di-substituted silicon (IV) phthalocyanines for photodynamic inactivation of bacteria. <i>Dyes and Pigments</i> , 2017, 145, 239-245.	3.7	32
28	Nanomagnet-photosensitizer hybrid materials for the degradation of 17 $\beta$ -estradiol in batch and flow modes. <i>Dyes and Pigments</i> , 2017, 142, 535-543.	3.7	20
29	Control of <i>Listeria innocua</i> biofilms by biocompatible photodynamic antifouling chitosan based materials. <i>Dyes and Pigments</i> , 2017, 137, 265-276.	3.7	40
30	Microbial Remediation of Organometals and Oil Hydrocarbons in the Marine Environment. , 2017, , 41-66.		5
31	Assessment of the microbiological quality of recreational waters: indicators and methods. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2017, 2, 1.	1.3	55
32	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	0
33	Effect of temperature and compression/decompression rates on high pressure inactivation of <i>Listeria</i> . <i>Acta Alimentaria</i> , 2016, 45, 61-68.	0.7	3
34	Effect of Photodynamic Therapy on the Virulence Factors of <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 267.	3.5	77
35	Insights on the Optical Properties of Estuarine DOM - Hydrological and Biological Influences. <i>PLoS ONE</i> , 2016, 11, e0154519.	2.5	30
36	Chitosan-genipin film, a sustainable methodology for wine preservation. <i>Green Chemistry</i> , 2016, 18, 5331-5341.	9.0	56

#	ARTICLE	IF	CITATIONS
37	Photodegradation of organic pollutants in water by immobilized porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 150-166.	0.8	54
38	Bacteriophages with potential to inactivate <i>Salmonella Typhimurium</i> : Use of single phage suspensions and phage cocktails. <i>Virus Research</i> , 2016, 220, 179-192.	2.2	90
39	Overall biochemical changes in bacteria photosensitized with cationic porphyrins monitored by infrared spectroscopy. <i>Future Medicinal Chemistry</i> , 2016, 8, 613-628.	2.3	9
40	Integrated analysis of bacterial and microeukaryotic communities from differentially active mud volcanoes in the Gulf of Cadiz. <i>Scientific Reports</i> , 2016, 6, 35272.	3.3	23
41	Inactivation of <i>Staphylococcus aureus</i> by high pressure processing: An overview. <i>Innovative Food Science and Emerging Technologies</i> , 2016, 36, 128-149.	5.6	45
42	The role of surface functionalization of silica nanoparticles for bioimaging. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 09, 1630005.	1.0	29
43	Air quality in a school with dampness and mould problems. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 107-115.	3.3	26
44	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.	0.8	7
45	Susceptibility of <i>Listeria monocytogenes</i> to high pressure processing: A review. <i>Food Reviews International</i> , 2016, 32, 377-399.	8.4	47
46	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.	4.4	82
47	Biological control of <i>Aeromonas salmonicida</i> infection in juvenile Senegalese sole ( <i>Solea</i> ) Tj ETQq1 1 0.784314 rgBTJ Overlock 10 Tf 50	3.5	71
48	Antimicrobial activity of new green-functionalized oxazoline-based oligomers against clinical isolates. <i>SpringerPlus</i> , 2015, 4, 382.	1.2	6
49	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.	1.8	0
50	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.	2.9	2
51	Microcosm Assessment of the Effect of an Acute Mercury Contamination Event on the Structure and Activity of Sediment Bacterial Communities. , 2015, 01, .		0
52	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, 1169-1178.	2.9	39
53	A novel approach for immobilization of polyhexamethylene biguanide within silica capsules. <i>RSC Advances</i> , 2015, 5, 92656-92663.	3.6	15
54	Seasonal variation of bacterial communities in shellfish harvesting waters: Preliminary study before applying phage therapy. <i>Marine Pollution Bulletin</i> , 2015, 90, 68-77.	5.0	17

#	ARTICLE	IF	CITATIONS
55	Incorporation of biocides in nanocapsules for protective coatings used in maritime applications. <i>Chemical Engineering Journal</i> , 2015, 270, 150-157.	12.7	68
56	Photodynamic inactivation of <i>Escherichia coli</i> with cationic ammonium Zn(ii) phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1872-1879.	2.9	25
57	Polycyclic aromatic hydrocarbons in deep sea sediments: Microbe-pollutant interactions in a remote environment. <i>Science of the Total Environment</i> , 2015, 526, 312-328.	8.0	99
58	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1853-1863.	2.9	36
59	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.	5.5	6
60	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.	11.6	184
61	Unraveling the interactive effects of climate change and oil contamination on laboratory-simulated estuarine benthic communities. <i>Global Change Biology</i> , 2015, 21, 1871-1886.	9.5	28
62	Microbe-Assisted Phytoremediation of Hydrocarbons in Estuarine Environments. <i>Microbial Ecology</i> , 2015, 69, 1-12.	2.8	38
63	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.	4.2	8
64	Phage Therapy as an Approach to Prevent <i>Vibrio anguillarum</i> Infections in Fish Larvae Production. <i>PLoS ONE</i> , 2014, 9, e114197.	2.5	117
65	Contribution of chemical water properties to the differential responses of bacterioplankton and bacterioplankton to ultraviolet-B radiation. <i>FEMS Microbiology Ecology</i> , 2014, 87, 517-535.	2.7	8
66	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.	2.1	20
67	Efficiency of phage cocktails in the inactivation of <i>Vibrio</i> in aquaculture. <i>Aquaculture</i> , 2014, 424-425, 167-173.	3.5	126
68	Assessing variation in bacterial composition between the rhizospheres of two mangrove tree species. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 139, 40-45.	2.1	30
69	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.	1.8	9
70	Influence of external bacterial structures on the efficiency of photodynamic inactivation by a cationic porphyrin. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 680-690.	2.9	99
71	Hydrocarbon contamination and plant species determine the phylogenetic and functional diversity of endophytic degrading bacteria. <i>Molecular Ecology</i> , 2014, 23, 1392-1404.	3.9	55
72	An insight on bacterial cellular targets of photodynamic inactivation. <i>Future Medicinal Chemistry</i> , 2014, 6, 141-164.	2.3	224

#	ARTICLE	IF	CITATIONS
73	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, 808-812.	2.2	44
74	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, 145-153.	3.8	23
75	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, 647-662.	2.7	23
76	Influence of environmental variables in the efficiency of phage therapy in aquaculture. <i>Microbial Biotechnology</i> , 2014, 7, 401-413.	4.2	62
77	Influence of incubation conditions on bacterial production estimates in an estuarine system. <i>Aquatic Ecology</i> , 2014, 48, 327-336.	1.5	1
78	Photochemical and microbial alterations of DOM spectroscopic properties in the estuarine system Ria de Aveiro. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1146-1159.	2.9	26
79	Photodynamic Inactivation of Bacterial and Yeast Biofilms With a Cationic Porphyrin. <i>Photochemistry and Photobiology</i> , 2014, 90, 1387-1396.	2.5	104
80	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, 103-109.	2.1	16
81	Inactivation of microbial biofilms by visible light with a porphyrinic photosensitizer. <i>New Biotechnology</i> , 2014, 31, S178.	4.4	0
82	Photodynamic inactivation of multidrug-resistant bacteria in hospital wastewaters: influence of residual antibiotics. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 626-633.	2.9	112
83	Proportion of prokaryotes enumerated as viruses by epifluorescence microscopy. <i>Annals of Microbiology</i> , 2014, 64, 773-778.	2.6	2
84	Pyrrolidine-fused chlorin photosensitizer immobilized on solid supports for the photoinactivation of Gram negative bacteria. <i>Dyes and Pigments</i> , 2014, 110, 123-133.	3.7	39
85	A new insight on nanomagnetâ€“porphyrin hybrids for photodynamic inactivation of microorganisms. <i>Dyes and Pigments</i> , 2014, 110, 80-88.	3.7	65
86	Photodynamic oxidation of <i>Staphylococcus warneri</i> membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1607-1618.	1.5	34
87	Chitosanâ€“caffeic acidâ€“genipin films presenting enhanced antioxidant activity and stability in acidic media. <i>Carbohydrate Polymers</i> , 2013, 91, 236-243.	10.2	103
88	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, 10-16.	3.8	45
89	Photodynamic oxidation of <i>Escherichia coli</i> membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2717-2728.	1.5	48
90	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5429.	5.8	17

#	ARTICLE	IF	CITATIONS
91	Bivalve Harvesting and Production in Portugal: An Overview. <i>Journal of Shellfish Research</i> , 2013, 32, 911.	0.9	18
92	Comparison of Methodologies for the Extraction of Bacterial DNA from Mussels—Relevance for Food Safety. <i>Food Analytical Methods</i> , 2013, 6, 201-209.	2.6	6
93	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, 237-255.	1.9	5
94	Wavelength dependence of biological damage induced by UV radiation on bacteria. <i>Archives of Microbiology</i> , 2013, 195, 63-74.	2.2	205
95	Growth conditions influence UVB sensitivity and oxidative damage in an estuarine bacterial isolate. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 974-986.	2.9	3
96	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, 2584-2595.	9.5	18
97	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4311-4318.	3.0	42
98	Effects of UV Radiation on the Lipids and Proteins of Bacteria Studied by Mid-Infrared Spectroscopy. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6306-6315.	10.0	55
99	Cationic galactoporphyrin photosensitisers against UV-B resistant bacteria: oxidation of lipids and proteins by $^1O_2$ . <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 262-271.	2.9	27
100	Photosensitized oxidation of phosphatidylethanolamines monitored by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1357-1365.	1.6	21
101	Role of Transition Metals in UV-Induced Damage to Bacteria. <i>Photochemistry and Photobiology</i> , 2013, 89, 640-648.	2.5	9
102	Interactive effects of global climate change and pollution on marine microbes: the way ahead. <i>Ecology and Evolution</i> , 2013, 3, 1808-1818.	1.9	39
103	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.	2.5	21
104	Photodynamic Inactivation of Mammalian Viruses and Bacteriophages. <i>Viruses</i> , 2012, 4, 1034-1074.	3.3	182
105	Effects of UV-B Radiation on the Structural and Physiological Diversity of Bacterioplankton and Bacterioplankton. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2066-2069.	3.1	48
106	Photodynamic inactivation of <i>Bacillus</i> endospores: inter-specific variability of inactivation efficiency. <i>Microbiology and Immunology</i> , 2012, 56, 692-699.	1.4	20
107	Bacteriophage therapy as a bacterial control strategy in aquaculture. <i>Aquaculture International</i> , 2012, 20, 879-910.	2.2	108
108	Contribution of reactive oxygen species to UV-B-induced damage in bacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 117, 40-46.	3.8	70

#	ARTICLE	IF	CITATIONS
109	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, 5520-5528.	3.1	204
110	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1520-1523.	2.9	38
111	Comparative photodynamic inactivation of antibiotic resistant bacteria by first and second generation cationic photosensitizers. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1905-1913.	2.9	55
112	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, 646-658.	2.7	21
113	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.	2.1	24
114	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, 3241-3249.	2.9	73
115	Effect of tributyltin (TBT) in the metabolic activity of TBT-resistant and sensitive estuarine bacteria. <i>Environmental Toxicology</i> , 2012, 27, 11-17.	4.0	21
116	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.	2.1	30
117	Phthalocyanine Thio-Pyridinium Derivatives as Antibacterial Photosensitizers. <i>Photochemistry and Photobiology</i> , 2012, 88, 537-547.	2.5	60
118	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, 263-271.	5.0	16
119	Impact of organic and inorganic nanomaterials in the soil microbial community structure. <i>Science of the Total Environment</i> , 2012, 424, 344-350.	8.0	80
120	Isolation of Surfactant-Resistant <i>Pseudomonads</i> from the Estuarine Surface Microlayer. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 283-291.	2.1	19
121	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.	2.1	41
122	Mechanisms of photodynamic inactivation of a Gram-negative recombinant bioluminescent bacterium by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1659-1669.	2.9	106
123	Photodynamic inactivation of <i>Penicillium chrysogenum</i> conidia by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1735-1743.	2.9	82
124	Applicability of photodynamic antimicrobial chemotherapy as an alternative to inactivate fish pathogenic bacteria in aquaculture systems. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1691-1700.	2.9	36
125	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.	5.5	117
126	Bacteriophages with Potential for Inactivation of Fish Pathogenic Bacteria: Survival, Host Specificity and Effect on Bacterial Community Structure. <i>Marine Drugs</i> , 2011, 9, 2236-2255.	4.6	72



#	ARTICLE	IF	CITATIONS
127	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.	1.8	6
128	Photodynamic Antimicrobial Chemotherapy in Aquaculture: Photoinactivation Studies of <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011, 6, e20970.	2.5	67
129	Exploring hydrocarbonoclastic bacterial communities in the estuarine surface microlayer. <i>Aquatic Microbial Ecology</i> , 2011, 64, 185-195.	1.8	12
130	Diversity in UV sensitivity and recovery potential among bacterioneuston and bacterioplankton isolates. <i>Letters in Applied Microbiology</i> , 2011, 52, 360-366.	2.2	23
131	Relation between bacterial activity in the surface microlayer and estuarine hydrodynamics. <i>FEMS Microbiology Ecology</i> , 2011, 77, 636-646.	2.7	24
132	Evaluation of resistance development and viability recovery by a non-enveloped virus after repeated cycles of aPDT. <i>Antiviral Research</i> , 2011, 91, 278-282.	4.1	89
133	Chapter 5. Porphyrins as Antimicrobial Photosensitizing Agents. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2011, , 83-160.	0.3	48
134	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.	1.5	14
135	Bioluminescence and its application in the monitoring of antimicrobial photodynamic therapy. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 1115-1128.	3.6	25
136	Effects of Monospecific Banks of Salt Marsh Vegetation on Sediment Bacterial Communities. <i>Microbial Ecology</i> , 2010, 60, 167-179.	2.8	25
137	Modelling the ecological patterns of a temperate lagoon in a very wet spring season. <i>Ecological Modelling</i> , 2010, 221, 2302-2322.	2.5	14
138	Taking Root: Enduring Effect of Rhizosphere Bacterial Colonization in Mangroves. <i>PLoS ONE</i> , 2010, 5, e14065.	2.5	121
139	Functional Cationic Nanomagnetic Porphyrin Hybrids for the Photoinactivation of Microorganisms. <i>ACS Nano</i> , 2010, 4, 7133-7140.	14.6	112
140	Antimicrobial Photodynamic Therapy: Study of Bacterial Recovery Viability and Potential Development of Resistance after Treatment. <i>Marine Drugs</i> , 2010, 8, 91-105.	4.6	340
141	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1126.	2.9	71
142	Involvement of oxidative stress in UV-induced impairment of bacterial activity and culturability. , 2010, , .		0
143	Short-term variability of abundance, diversity and activity of estuarine bacterioneuston and bacterioplankton. <i>Journal of Plankton Research</i> , 2009, 31, 1545-1555.	1.8	30
144	Charge effect on the photoinactivation of Gram-negative and Gram-positive bacteria by cationic meso-substituted porphyrins. <i>BMC Microbiology</i> , 2009, 9, 70.	3.3	190

#	ARTICLE	IF	CITATIONS
145	Inorganic nutrient regulation of bacterioplankton heterotrophic activity in an estuarine system (Ria) Tj ETQq1 1 0.784314 rgBT /Overlacc	2.0	8
146	Porphyrin derivatives as photosensitizers for the inactivation of <i>Bacillus cereus</i> endospores. Journal of Applied Microbiology, 2009, 106, 1986-1995.	3.1	79
147	Antimicrobial photodynamic activity of porphyrin derivatives: potential application on medical and water disinfection. Journal of Porphyrins and Phthalocyanines, 2009, 13, 574-577.	0.8	53
148	Phage Therapy and Photodynamic Therapy: Low Environmental Impact Approaches to Inactivate Microorganisms in Fish Farming Plants. Marine Drugs, 2009, 7, 268-313.	4.6	127
149	Sewage bacteriophage photoinactivation by porphyrins immobilized in solid matrixes. , 2009, , .		1
150	Assessment of the performance of porphyrin derivatives as photosensitizers for the inactivation of bacterial endospores. , 2009, , .		1
151	Evaluation of the impact of two aquaculture systems on bacterial communities of the estuarine system Ria de Aveiro. , 2009, , .		0
152	Photodynamic inactivation of recombinant bioluminescent <i>Escherichia coli</i> by cationic porphyrins under artificial and solar irradiation. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1447-1454.	3.0	81
153	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. Photochemical and Photobiological Sciences, 2008, 7, 415.	2.9	80
154	Photoinactivation of bacteria in wastewater by porphyrins: Bacterial $\beta$ -galactosidase activity and leucine-uptake as methods to monitor the process. Journal of Photochemistry and Photobiology B: Biology, 2007, 88, 112-118.	3.8	93
155	Influence of salt marsh on bacterial activity in two estuaries with different hydrodynamic characteristics (Ria de Aveiro and Tagus Estuary). FEMS Microbiology Ecology, 2007, 60, 429-441.	2.7	22
156	Copper effects on bacterial activity of estuarine silty sediments. Estuarine, Coastal and Shelf Science, 2007, 73, 743-752.	2.1	13
157	Bacterial Productivity Distribution During a Rainy Year in an Estuarine System. Microbial Ecology, 2007, 53, 208-220.	2.8	12
158	Perylene Toxicity in the Estuarine Environment of Ria de Aveiro (Portugal). Ecotoxicology, 2006, 15, 171-185.	2.4	10
159	Seasonal and spatial variability of free-living bacterial community composition along an estuarine gradient (Ria de Aveiro, Portugal). Estuarine, Coastal and Shelf Science, 2006, 68, 139-148.	2.1	93
160	Influence of an estuarine plume and marine sewage outfall on the dynamics of coastal bacterioplankton communities. Aquatic Microbial Ecology, 2006, 44, 253-262.	1.8	7
161	Activity and growth efficiency of heterotrophic bacteria in a salt marsh (Ria de Aveiro, Portugal). Microbiological Research, 2005, 160, 279-290.	5.3	17
162	Relationship of bacterioplankton production with primary production and respiration in a shallow estuarine system (Ria de Aveiro, NW Portugal). Microbiological Research, 2005, 160, 315-328.	5.3	40

#	ARTICLE	IF	CITATIONS
163	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, 269-279.	2.7	56
164	Assessment of copper toxicity using an acoustic wave sensor. <i>Biosensors and Bioelectronics</i> , 2004, 19, 1203-1208.	10.1	14
165	Title is missing!. <i>Aquatic Ecology</i> , 2003, 37, 45-54.	1.5	17
166	Ectoenzymatic activity and glucose heterotrophic metabolism in a shallow estuary (Ria de Aveiro, Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.1	9
167	Title is missing!. <i>Hydrobiologia</i> , 2002, 475/476, 251-262.	2.0	22
168	Is bacterioplankton production in the Ria de Aveiro influenced by salt marshes and bed sediment?. <i>Aquatic Ecology</i> , 2002, 36, 469-482.	1.5	9
169	Loss of Estuarine Bacteria by Viral Infection and Predation in Microcosm Conditions. <i>Microbial Ecology</i> , 2001, 42, 562-571.	2.8	34
170	Factors Influencing Bacterial Production in a Shallow Estuarine System. <i>Microbial Ecology</i> , 2001, 42, 416-426.	2.8	39
171	Physiological responses of marine and brackish water bacterial assemblages in a tidal estuary (Ria de Tj ETQq1 1 0.784314 rgBT/Over	1.8	50
172	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.	1.9	66
173	Compartments of oxygen consumption in a tidal mesotrophic estuary (Ria de Aveiro, Portugal). <i>Acta Oecologica</i> , 1999, 20, 227-235.	1.1	20
174	Modeling of a 4Å—10 Gbps all-optical clock extraction system. , 0, , .		0