

Angela Cunha

List of Publications by Year in descending order

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Version: 2024-02-01

174
papers

7,500
citations

38738

50
h-index

66906

78
g-index

181
all docs

181
docs citations

181
times ranked

7927
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	An insight on bacterial cellular targets of photodynamic inactivation. <i>Future Medicinal Chemistry</i> , 2014, 6, 141-164.	2.3	224
3	Wavelength dependence of biological damage induced by UV radiation on bacteria. <i>Archives of Microbiology</i> , 2013, 195, 63-74.	2.2	205
4	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
5	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
6	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
7	Photodynamic Inactivation of Mammalian Viruses and Bacteriophages. <i>Viruses</i> , 2012, 4, 1034-1074.	3.3	182
8	Phage Therapy and Photodynamic Therapy: Low Environmental Impact Approaches to Inactivate Microorganisms in Fish Farming Plants. <i>Marine Drugs</i> , 2009, 7, 268-313.	4.6	127
9	Efficiency of phage cocktails in the inactivation of <i>Vibrio</i> in aquaculture. <i>Aquaculture</i> , 2014, 424-425, 167-173.	3.5	126
10	Taking Root: Enduring Effect of Rhizosphere Bacterial Colonization in Mangroves. <i>PLoS ONE</i> , 2010, 5, e14065.	2.5	121
11	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
12	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
13	Functional Cationic Nanomagnetic Porphyrin Hybrids for the Photoinactivation of Microorganisms. <i>ACS Nano</i> , 2010, 4, 7133-7140.	14.6	112
14	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
15	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
16	Bacteriophage therapy as a bacterial control strategy in aquaculture. <i>Aquaculture International</i> , 2012, 20, 879-910.	2.2	108
17	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
18	Photodynamic Inactivation of Bacterial and Yeast Biofilms With a Cationic Porphyrin. <i>Photochemistry and Photobiology</i> , 2014, 90, 1387-1396.	2.5	104

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19	Chitosan-caffaic acid-genipin films presenting enhanced antioxidant activity and stability in acidic media. <i>Carbohydrate Polymers</i> , 2013, 91, 236-243.	10.2	103
20	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
21	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
22	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.	2.1	93
23	Photoinactivation of bacteria in wastewater by porphyrins: Bacterial β -galactosidase activity and leucine-uptake as methods to monitor the process. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 88, 112-118.	3.8	93
24	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
25	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
26	Photodynamic inactivation of <i>Penicillium chrysogenum</i> conidia by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1735-1743.	2.9	82
27	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
28	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, 1447-1454.	3.0	81
29	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 415.	2.9	80
30	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
31	Porphyrin derivatives as photosensitizers for the inactivation of <i>Bacillus cereus</i> endospores. <i>Journal of Applied Microbiology</i> , 2009, 106, 1986-1995.	3.1	79
32	Effect of Photodynamic Therapy on the Virulence Factors of <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 267.	3.5	77
33	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
34	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
35	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1126.	2.9	71
36	Biological control of <i>Aeromonas salmonicida</i> infection in juvenile Senegalese sole (<i>Solea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (se	3.5	71

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37	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
38	Incorporation of biocides in nanocapsules for protective coatings used in maritime applications. <i>Chemical Engineering Journal</i> , 2015, 270, 150-157.	12.7	68
39	Photodynamic Antimicrobial Chemotherapy in Aquaculture: Photoinactivation Studies of <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011, 6, e20970.	2.5	67
40	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
41	A new insight on nanomagnet-porphyrin hybrids for photodynamic inactivation of microorganisms. <i>Dyes and Pigments</i> , 2014, 110, 80-88.	3.7	65
42	Influence of environmental variables in the efficiency of phage therapy in aquaculture. <i>Microbial Biotechnology</i> , 2014, 7, 401-413.	4.2	62
43	Phthalocyanine Thio-Pyridinium Derivatives as Antibacterial Photosensitizers. <i>Photochemistry and Photobiology</i> , 2012, 88, 537-547.	2.5	60
44	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
45	Chitosan-genipin film, a sustainable methodology for wine preservation. <i>Green Chemistry</i> , 2016, 18, 5331-5341.	9.0	56
46	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
47	Effects of UV Radiation on the Lipids and Proteins of Bacteria Studied by Mid-Infrared Spectroscopy. <i>Environmental Science & Technology</i> , 2013, 47, 6306-6315.	10.0	55
48	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
49	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
50	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
51	Antimicrobial photodynamic activity of porphyrin derivatives: potential application on medical and water disinfection. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 574-577.	0.8	53
52	Chapter 5. Porphyrins as Antimicrobial Photosensitizing Agents. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2011, , 83-160.	0.3	48
53	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
54	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

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55	Susceptibility of <i>Listeria monocytogenes</i> to high pressure processing: A review. <i>Food Reviews International</i> , 2016, 32, 377-399.	8.4	47
56	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
57	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
58	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
59	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4311-4318.	3.0	42
60	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.	12.4	42
61	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
62	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, 315-328.	5.3	40
63	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
64	Factors Influencing Bacterial Production in a Shallow Estuarine System. <i>Microbial Ecology</i> , 2001, 42, 416-426.	2.8	39
65	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
66	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
67	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
68	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
69	Microbe-Assisted Phytoremediation of Hydrocarbons in Estuarine Environments. <i>Microbial Ecology</i> , 2015, 69, 1-12.	2.8	38
70	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
71	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1853-1863.	2.9	36
72	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

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73	Loss of Estuarine Bacteria by Viral Infection and Predation in Microcosm Conditions. <i>Microbial Ecology</i> , 2001, 42, 562-571.	2.8	34
74	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
75	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
76	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
77	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
78	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
79	Insights on the Optical Properties of Estuarine DOM – Hydrological and Biological Influences. <i>PLoS ONE</i> , 2016, 11, e0154519.	2.5	30
80	The role of surface functionalization of silica nanoparticles for bioimaging. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 09, 1630005.	1.0	29
81	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
82	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
83	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, 262-271.	2.9	27
84	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
85	Air quality in a school with dampness and mould problems. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 107-115.	3.3	26
86	Effects of Monospecific Banks of Salt Marsh Vegetation on Sediment Bacterial Communities. <i>Microbial Ecology</i> , 2010, 60, 167-179.	2.8	25
87	Bioluminescence and its application in the monitoring of antimicrobial photodynamic therapy. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 1115-1128.	3.6	25
88	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
89	Relation between bacterial activity in the surface microlayer and estuarine hydrodynamics. <i>FEMS Microbiology Ecology</i> , 2011, 77, 636-646.	2.7	24
90	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

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91	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
92	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
93	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
94	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
95	Title is missing!. <i>Hydrobiologia</i> , 2002, 475/476, 251-262.	2.0	22
96	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, 429-441.	2.7	22
97	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
98	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
99	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
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	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
102	Compartments of oxygen consumption in a tidal mesotrophic estuary (Ria de Aveiro, Portugal). <i>Acta Oecologica</i> , 1999, 20, 227-235.	1.1	20
103	Photoinactivation of <i>Bacillus</i> endospores: inter-specific variability of inactivation efficiency. <i>Microbiology and Immunology</i> , 2012, 56, 692-699.	1.4	20
104	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
105	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.	3.7	20
106	<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
107	Layered Double Hydroxide Clusters as Precursors of Novel Multifunctional Layers: A Bottom-Up Approach. <i>Coatings</i> , 2019, 9, 328.	2.6	19
108	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

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109	Bivalve Harvesting and Production in Portugal: An Overview. <i>Journal of Shellfish Research</i> , 2013, 32, 911.	0.9	18
110	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
111	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
112	Title is missing!. <i>Aquatic Ecology</i> , 2003, 37, 45-54.	1.5	17
113	Activity and growth efficiency of heterotrophic bacteria in a salt marsh (Ria de Aveiro, Portugal). <i>Microbiological Research</i> , 2005, 160, 279-290.	5.3	17
114	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5429.	5.8	17
115	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
116	Bacterial production of biosurfactants under microaerobic and anaerobic conditions. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 239-272.	8.1	17
117	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
118	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
119	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
120	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
121	A novel approach for immobilization of polyhexamethylene biguanide within silica capsules. <i>RSC Advances</i> , 2015, 5, 92656-92663.	3.6	15
122	Assessment of copper toxicity using an acoustic wave sensor. <i>Biosensors and Bioelectronics</i> , 2004, 19, 1203-1208.	10.1	14
123	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
124	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
125	Copper effects on bacterial activity of estuarine silty sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 73, 743-752.	2.1	13
126	Bacterial Productivity Distribution During a Rainy Year in an Estuarine System. <i>Microbial Ecology</i> , 2007, 53, 208-220.	2.8	12

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127	Exploring hydrocarbonoclastic bacterial communities in the estuarine surface microlayer. <i>Aquatic Microbial Ecology</i> , 2011, 64, 185-195.	1.8	12
128	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
129	Perylene Toxicity in the Estuarine Environment of Ria de Aveiro (Portugal). <i>Ecotoxicology</i> , 2006, 15, 171-185.	2.4	10
130	Physiological responses of marine and brackish water bacterial assemblages in a tidal estuary (Ria de Aveiro). <i>Estuarine, Coastal and Shelf Science</i> , 2000, 50, 107-118.	1.8	10
131	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
132	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
133	Ectoenzymatic activity and glucose heterotrophic metabolism in a shallow estuary (Ria de Aveiro). <i>Estuarine, Coastal and Shelf Science</i> , 2001, 53, 107-114.	1.1	9
134	Role of Transition Metals in UV-Induced Damage to Bacteria. <i>Photochemistry and Photobiology</i> , 2013, 89, 640-648.	2.5	9
135	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
136	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
137	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
138	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
139	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
140	Inorganic nutrient regulation of bacterioplankton heterotrophic activity in an estuarine system (Ria de Aveiro). <i>Estuarine, Coastal and Shelf Science</i> , 2000, 50, 107-118.	2.0	8
141	Contribution of chemical water properties to the differential responses of bacterioplankton to ultraviolet-B radiation. <i>FEMS Microbiology Ecology</i> , 2014, 87, 517-535.	2.7	8
142	Evaluation of resistance development and viability recovery by toxigenic and non-toxicogenic <i>Staphylococcus aureus</i> strains after repeated cycles of high hydrostatic pressure. <i>Food Microbiology</i> , 2015, 46, 515-520.	4.2	8
143	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
144	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

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