Angela Cunha

List of Publications by Year
in descending order

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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	Antimicrobial Photodynamic Therapy: Study of Bacterial Recovery Viability and Potential Development of Resistance after Treatment. Marine Drugs, 2010, 8, 91-105.	4.6	340
2	An insight on bacterial cellular targets of photodynamic inactivation. Future Medicinal Chemistry, 2014, 6, 141-164.	2.3	224
3	Wavelength dependence of biological damage induced by UV radiation on bacteria. Archives of Microbiology, 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. Applied and Environmental Microbiology, 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. BMC Microbiology, 2009, 9, 70.	3.3	190
6	Potential applications of porphyrins in photodynamic inactivation beyond the medical scope. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2015, 22, 34-57.	11.6	184
7	Photodynamic Inactivation of Mammalian Viruses and Bacteriophages. Viruses, 2012, 4, 1034-1074.	3.3	182
8	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
9	Efficiency of phage cocktails in the inactivation of Vibrio in aquaculture. Aquaculture, 2014, 424-425, 167-173.	3.5	126
10	Taking Root: Enduring Effect of Rhizosphere Bacterial Colonization in Mangroves. PLoS ONE, 2010, 5, e14065.	2.5	121
11	Microbial contamination and purification of bivalve shellfish: Crucial aspects inÂmonitoring and future perspectives â€“ A mini-review. Food Control, 2011, 22, 805-816.	5.5	117
12	Phage Therapy as an Approach to Prevent Vibrio anguillarum Infections in Fish Larvae Production. PLoS ONE, 2014, 9, e114197.	2.5	117
13	Functional Cationic Nanomagnetâ^'Porphyrin Hybrids for the Photoinactivation of Microorganisms. ACS Nano, 2010, 4, 7133-7140.	14.6	112
14	Photodynamic inactivation of multidrug-resistant bacteria in hospital wastewaters: influence of residual antibiotics. Photochemical and Photobiological Sciences, 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. Pedosphere, 2019, 29, 409-420.	4.0	111
16	Bacteriophage therapy as a bacterial control strategy in aquaculture. Aquaculture International, 2012, 20, 879-910.	2.2	108
17	Mechanisms of photodynamic inactivation of a Gram-negative recombinant bioluminescent bacterium by cationic porphyrins. Photochemical and Photobiological Sciences, 2011, 10, 1659-1669.	2.9	106
18	Photodynamic Inactivation of Bacterial and Yeast Biofilms With a Cationic Porphyrin. Photochemistry and Photobiology, 2014, 90, 1387-1396.	2.5	104

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19	Chitosanâ€“caffeic acidâ€“genipin films presenting enhanced antioxidant activity and stability in acidic media. Carbohydrate Polymers, 2013, 91, 236-243.	10.2	103
20	Influence of external bacterial structures on the efficiency of photodynamic inactivation by a cationic porphyrin. Photochemical and Photobiological Sciences, 2014, 13, 680-690.	2.9	99
21	Polycyclic aromatic hydrocarbons in deep sea sediments: Microbeâ€“pollutant interactions in a remote environment. Science of the Total Environment, 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). Estuarine, Coastal and Shelf Science, 2006, 68, 139-148.	2.1	93
23	Photoinactivation of bacteria in wastewater by porphyrins: Bacterial Î²-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
24	Bacteriophages with potential to inactivate Salmonella Typhimurium: Use of single phage suspensions and phage cocktails. Virus Research, 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. Antiviral Research, 2011, 91, 278-282.	4.1	89
26	Photodynamic inactivation of Penicillium chrysogenum conidia by cationic porphyrins. Photochemical and Photobiological Sciences, 2011, 10, 1735-1743.	2.9	82
27	Photodynamic inactivation of Escherichia coli with cationic meso-tetraarylporphyrins â€“ The charge number and charge distribution effects. Catalysis Today, 2016, 266, 197-204.	4.4	82
28	Photodynamic inactivation of recombinant bioluminescent Escherichia coli by cationic porphyrins under artificial and solar irradiation. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1447-1454.	3.0	81
29	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. Photochemical and Photobiological Sciences, 2008, 7, 415.	2.9	80
30	Impact of organic and inorganic nanomaterials in the soil microbial community structure. Science of the Total Environment, 2012, 424, 344-350.	8.0	80
31	Porphyrin derivatives as photosensitizers for the inactivation ofBacillus cereusendospores. Journal of Applied Microbiology, 2009, 106, 1986-1995.	3.1	79
32	Effect of Photodynamic Therapy on the Virulence Factors of Staphylococcus aureus. Frontiers in Microbiology, 2016, 7, 267.	3.5	77
33	Phage therapy to control multidrug-resistant Pseudomonas aeruginosa skin infections: in vitro and ex vivo experiments. European Journal of Clinical Microbiology and Infectious Diseases, 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. Marine Drugs, 2011, 9, 2236-2255.	4.6	72
35	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. Photochemical and Photobiological Sciences, 2010, 9, 1126.	2.9	71
36	Biological control of Aeromonas salmonicida infection in juvenile Senegalese sole (Solea) 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. Journal of Photochemistry and Photobiology B: Biology, 2012, 117, 40-46.	3.8	70
38	Incorporation of biocides in nanocapsules for protective coatings used in maritime applications. Chemical Engineering Journal, 2015, 270, 150-157.	12.7	68
39	Photodynamic Antimicrobial Chemotherapy in Aquaculture: Photoinactivation Studies of Vibrio fischeri. PLoS ONE, 2011, 6, e20970.	2.5	67
40	Patterns of ectoenzymatic and heterotrophic bacterial activities along a salinity gradient in a shallow tidal estuary. Marine Ecology - Progress Series, 2000, 204, 1-12.	1.9	66
41	A new insight on nanomagnetâ€“porphyrin hybrids for photodynamic inactivation of microorganisms. Dyes and Pigments, 2014, 110, 80-88.	3.7	65
42	Influence of environmental variables in the efficiency of phage therapy in aquaculture. Microbial Biotechnology, 2014, 7, 401-413.	4.2	62
43	Phthalocyanine Thioâ€Pyridinium Derivatives as Antibacterial Photosensitizers^{â€}. Photochemistry and Photobiology, 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. FEMS Microbiology Ecology, 2004, 49, 269-279.	2.7	56
45	Chitosanâ€“genipin film, a sustainable methodology for wine preservation. Green Chemistry, 2016, 18, 5331-5341.	9.0	56
46	Comparative photodynamic inactivation of antibiotic resistant bacteria by first and second generation cationic photosensitizers. Photochemical and Photobiological Sciences, 2012, 11, 1905-1913.	2.9	55
47	Effects of UV Radiation on the Lipids and Proteins of Bacteria Studied by Mid-Infrared Spectroscopy. Environmental Science & Technology, 2013, 47, 6306-6315.	10.0	55
48	Hydrocarbon contamination and plant species determine the phylogenetic and functional diversity of endophytic degrading bacteria. Molecular Ecology, 2014, 23, 1392-1404.	3.9	55
49	Assessment of the microbiological quality of recreational waters: indicators and methods. Euro-Mediterranean Journal for Environmental Integration, 2017, 2, 1.	1.3	55
50	Photodegradation of organic pollutants in water by immobilized porphyrins and phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2016, 20, 150-166.	0.8	54
51	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
52	Chapter 5. Porphyrins as Antimicrobial Photosensitizing Agents. Comprehensive Series in Photochemical and Photobiological Sciences, 2011, , 83-160.	0.3	48
53	Effects of UV-B Radiation on the Structural and Physiological Diversity of Bacterioneuston and Bacterioplankton. Applied and Environmental Microbiology, 2012, 78, 2066-2069.	3.1	48
54	Photodynamic oxidation of Escherichia coli membrane phospholipids: new insights based on lipidomics. Rapid Communications in Mass Spectrometry, 2013, 27, 2717-2728.	1.5	48

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55	Susceptibility ofListeria monocytogenesto high pressure processing: A review. Food Reviews International, 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. Journal of Photochemistry and Photobiology B: Biology, 2013, 120, 10-16.	3.8	45
57	Inactivation of Staphylococcus aureus by high pressure processing: An overview. Innovative Food Science and Emerging Technologies, 2016, 36, 128-149.	5.6	45
58	Photodynamic inactivation of bioluminescent Escherichia coli by neutral and cationic pyrrolidine-fused chlorins and isobacteriochlorins. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 808-812.	2.2	44
59	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. Bioorganic and Medicinal Chemistry, 2013, 21, 4311-4318.	3.0	42
60	Biodegradation of 17Î²-estradiol by bacteria isolated from deep sea sediments in aerobic and anaerobic media. Journal of Hazardous Materials, 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. Journal of Environmental Monitoring, 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). Microbiological Research, 2005, 160, 315-328.	5.3	40
63	Control of Listeria innocua biofilms by biocompatible photodynamic antifouling chitosan based materials. Dyes and Pigments, 2017, 137, 265-276.	3.7	40
64	Factors Influencing Bacterial Production in a Shallow Estuarine System. Microbial Ecology, 2001, 42, 416-426.	2.8	39
65	Interactive effects of global climate change and pollution on marine microbes: the way ahead. Ecology and Evolution, 2013, 3, 1808-1818.	1.9	39
66	Pyrrolidine-fused chlorin photosensitizer immobilized on solid supports for the photoinactivation of Gram negative bacteria. Dyes and Pigments, 2014, 110, 123-133.	3.7	39
67	Protein profiles of Escherichia coli and Staphylococcus warneri are altered by photosensitization with cationic porphyrins. Photochemical and Photobiological Sciences, 2015, 14, 1169-1178.	2.9	39
68	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation. Photochemical and Photobiological Sciences, 2012, 11, 1520-1523.	2.9	38
69	Microbe-Assisted Phytoremediation of Hydrocarbons in Estuarine Environments. Microbial Ecology, 2015, 69, 1-12.	2.8	38
70	Applicability of photodynamic antimicrobial chemotherapy as an alternative to inactivate fish pathogenic bacteria in aquaculture systems. Photochemical and Photobiological Sciences, 2011, 10, 1691-1700.	2.9	36
71	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. Photochemical and Photobiological Sciences, 2015, 14, 1853-1863.	2.9	36
72	Photodynamic inactivation of Listeria innocua biofilms with food-grade photosensitizers: a curcumin-rich extract of Curcuma longa vs commercial curcumin. Journal of Applied Microbiology, 2018, 125, 282-294.	3.1	36

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73	Loss of Estuarine Bacteria by Viral Infection and Predation in Microcosm Conditions. Microbial Ecology, 2001, 42, 562-571.	2.8	34
74	Photodynamic oxidation of Staphylococcus warneri membrane phospholipids: new insights based on lipidomics. Rapid Communications in Mass Spectrometry, 2013, 27, 1607-1618.	1.5	34
75	Octacationic and axially di-substituted silicon (IV) phthalocyanines for photodynamic inactivation of bacteria. Dyes and Pigments, 2017, 145, 239-245.	3.7	32
76	Short-term variability of abundance, diversity and activity of estuarine bacterioneuston and bacterioplankton. Journal of Plankton Research, 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. Journal of Environmental Monitoring, 2012, 14, 64-70.	2.1	30
78	Assessing variation in bacterial composition between the rhizospheres of two mangrove tree species. Estuarine, Coastal and Shelf Science, 2014, 139, 40-45.	2.1	30
79	Insights on the Optical Properties of Estuarine DOM â€“ Hydrological and Biological Influences. PLoS ONE, 2016, 11, e0154519.	2.5	30
80	The role of surface functionalization of silica nanoparticles for bioimaging. Journal of Innovative Optical Health Sciences, 2016, 09, 1630005.	1.0	29
81	Unraveling the interactive effects of climate change and oil contamination on laboratoryâ€simulated estuarine benthic communities. Global Change Biology, 2015, 21, 1871-1886.	9.5	28
82	Photoinactivation of Planktonic and Biofilm Forms of Escherichia coli through the Action of Cationic Zinc(II) Phthalocyanines. ChemPhotoChem, 2019, 3, 251-260.	3.0	28
83	Cationic galactoporphyrin photosensitisers against UV-B resistant bacteria: oxidation of lipids and proteins by 1O2. Photochemical and Photobiological Sciences, 2013, 12, 262-271.	2.9	27
84	Photochemical and microbial alterations of DOM spectroscopic properties in the estuarine system Ria de Aveiro. Photochemical and Photobiological Sciences, 2014, 13, 1146-1159.	2.9	26
85	Air quality in a school with dampness and mould problems. Air Quality, Atmosphere and Health, 2016, 9, 107-115.	3.3	26
86	Effects of Monospecific Banks of Salt Marsh Vegetation on Sediment Bacterial Communities. Microbial Ecology, 2010, 60, 167-179.	2.8	25
87	Bioluminescence and its application in the monitoring of antimicrobial photodynamic therapy. Applied Microbiology and Biotechnology, 2011, 92, 1115-1128.	3.6	25
88	Photodynamic inactivation of Escherichia coli with cationic ammonium Zn(ii) phthalocyanines. Photochemical and Photobiological Sciences, 2015, 14, 1872-1879.	2.9	25
89	Relation between bacterial activity in the surface microlayer and estuarine hydrodynamics. FEMS Microbiology Ecology, 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. Estuarine, Coastal and Shelf Science, 2012, 110, 61-68.	2.1	24

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91	Diversity in UV sensitivity and recovery potential among bacterioneuston and bacterioplankton isolates. Letters in Applied Microbiology, 2011, 52, 360-366.	2.2	23
92	Evaluation of the interplay among the charge of porphyrinic photosensitizers, lipid oxidation and photoinactivation efficiency in Escherichia coli. Journal of Photochemistry and Photobiology B: Biology, 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. FEMS Microbiology Ecology, 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. Scientific Reports, 2016, 6, 35272.	3.3	23
95	Title is missing!. Hydrobiologia, 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). FEMS Microbiology Ecology, 2007, 60, 429-441.	2.7	22
97	Synthesis and characterization of photoactive porphyrin and poly(2-hydroxyethyl methacrylate) based materials with bactericidal properties. Applied Materials Today, 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. FEMS Microbiology Ecology, 2012, 80, 646-658.	2.7	21
99	Effect of tributyltin (TBT) in the metabolic activity of TBTâ€resistant and sensitive estuarine bacteria. Environmental Toxicology, 2012, 27, 11-17.	4.0	21
100	Photosensitized oxidation of phosphatidylethanolamines monitored by electrospray tandem mass spectrometry. Journal of Mass Spectrometry, 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?. PLoS ONE, 2013, 8, e59338.	2.5	21
102	Compartments of oxygen consumption in a tidal mesotrophic estuary (Ria de Aveiro, Portugal). Acta Oecologica, 1999, 20, 227-235.	1.1	20
103	Photoâ€inactivation of Bacillus endospores: interâ€specific variability of inactivation efficiency. Microbiology and Immunology, 2012, 56, 692-699.	1.4	20
104	Impact of freshwater inflow on bacterial abundance and activity in the estuarine system Ria de Aveiro. Estuarine, Coastal and Shelf Science, 2014, 138, 107-120.	2.1	20
105	Nanomagnet-photosensitizer hybrid materials for the degradation of 17Î²-estradiol in batch and flow modes. Dyes and Pigments, 2017, 142, 535-543.	3.7	20
106	Puccinellia maritima, Spartina maritime, and Spartina patens Halophytic Grasses: Characterization of Polyphenolic and Chlorophyll Profiles and Evaluation of Their Biological Activities. Molecules, 2019, 24, 3796.	3.8	20
107	Layered Double Hydroxide Clusters as Precursors of Novel Multifunctional Layers: A Bottom-Up Approach. Coatings, 2019, 9, 328.	2.6	19
108	Isolation of Surfactant-Resistant Pseudomonads from the Estuarine Surface Microlayer. Journal of Microbiology and Biotechnology, 2012, 22, 283-291.	2.1	19

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109	Bivalve Harvesting and Production in Portugal: An Overview. Journal of Shellfish Research, 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. Global Change Biology, 2013, 19, 2584-2595.	9.5	18
111	Antimicrobial activity of 2-mercaptobenzothiazole released from environmentally friendly nanostructured layered double hydroxides. Journal of Applied Microbiology, 2017, 122, 1207-1218.	3.1	18
112	Title is missing!. Aquatic Ecology, 2003, 37, 45-54.	1.5	17
113	Activity and growth efficiency of heterotrophic bacteria in a salt marsh (Ria de Aveiro, Portugal). Microbiological Research, 2005, 160, 279-290.	5.3	17
114	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. Journal of Materials Chemistry B, 2013, 1, 5429.	5.8	17
115	Seasonal variation of bacterial communities in shellfish harvesting waters: Preliminary study before applying phage therapy. Marine Pollution Bulletin, 2015, 90, 68-77.	5.0	17
116	Bacterial production of biosurfactants under microaerobic and anaerobic conditions. Reviews in Environmental Science and Biotechnology, 2017, 16, 239-272.	8.1	17
117	Evaluation of meso-substituted cationic corroles as potential antibacterial agents. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1175-1185.	0.8	17
118	The Root Microbiome of Salicornia ramosissima as a Seedbank for Plant-Growth Promoting Halotolerant Bacteria. Applied Sciences (Switzerland), 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. Marine Pollution Bulletin, 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. Journal of Virological Methods, 2014, 209, 103-109.	2.1	16
121	A novel approach for immobilization of polyhexamethylene biguanide within silica capsules. RSC Advances, 2015, 5, 92656-92663.	3.6	15
122	Assessment of copper toxicity using an acoustic wave sensor. Biosensors and Bioelectronics, 2004, 19, 1203-1208.	10.1	14
123	Modelling the ecological patterns of a temperate lagoon in a very wet spring season. Ecological Modelling, 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. Aquatic Sciences, 2011, 73, 63-77.	1.5	14
125	Copper effects on bacterial activity of estuarine silty sediments. Estuarine, Coastal and Shelf Science, 2007, 73, 743-752.	2.1	13
126	Bacterial Productivity Distribution During a Rainy Year in an Estuarine System. Microbial Ecology, 2007, 53, 208-220.	2.8	12

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127	Exploring hydrocarbonoclastic bacterial Âcommunities in the estuarine surface microlayer. Aquatic Microbial Ecology, 2011, 64, 185-195.	1.8	12
128	Improved germination efficiency of Salicornia ramosissima seeds inoculated with Bacillus aryabhattai SP1016â€20. Annals of Applied Biology, 2019, 174, 319-328.	2.5	11
129	Perylene Toxicity in the Estuarine Environment of Ria de Aveiro (Portugal). Ecotoxicology, 2006, 15, 171-185.	2.4	10
130	Physiological responses of marine and brackish water bacterial assemblages in a tidal estuary (Ria de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	10
131	In vitro photodynamic treatment of Fusarium oxysporum conidia through the action of thiopyridinium and methoxypyridinium chlorins. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 432, 114081.	3.9	10
132	Is bacterioplankton production in the Ria de Aveiro influenced by salt marshes and bed sediment?. Aquatic Ecology, 2002, 36, 469-482.	1.5	9
133	Ectoenzymatic activity and glucose heterotrophic metabolism in a shallow estuary (Ria de Aveiro,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	9
134	Role of Transition Metals in <scp>UV</scp>â€Bâ€Induced Damage to Bacteria. Photochemistry and Photobiology, 2013, 89, 640-648.	2.5	9
135	Heterotrophic activities of neustonic and planktonic bacterial communities in an estuarine environment (Ria de Aveiro). Journal of Plankton Research, 2014, 36, 230-242.	1.8	9
136	Overall biochemical changes in bacteria photosensitized with cationic porphyrins monitored by infrared spectroscopy. Future Medicinal Chemistry, 2016, 8, 613-628.	2.3	9
137	Phthalocyanineâ€“sulfonamide conjugates: Synthesis and photodynamic inactivation of Gram-negative and Gram-positive bacteria. European Journal of Medicinal Chemistry, 2018, 154, 60-67.	5.5	9
138	Increase in bacterial biosurfactant production by coâ€cultivation with biofilmâ€forming bacteria. Letters in Applied Microbiology, 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. Journal of Applied Microbiology, 2019, 127, 134-149.	3.1	9
140	Inorganic nutrient regulation of bacterioplankton heterotrophic activity in an estuarine system (Ria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	8
141	Contribution of chemical water properties to the differential responses of bacterioneuston and bacterioplankton to ultraviolet-B radiation. FEMS Microbiology Ecology, 2014, 87, 517-535.	2.7	8
142	Evaluation of resistance development and viability recovery by toxigenic and non-toxigenic Staphylococcus aureus strains after repeated cycles of high hydrostatic pressure. Food Microbiology, 2015, 46, 515-520.	4.2	8
143	Biosurfactant Production in Sub-Oxic Conditions Detected in Hydrocarbon-Degrading Isolates from Marine and Estuarine Sediments. International Journal of Environmental Research and Public Health, 2020, 17, 1746.	2.6	8
144	Photodynamic inactivation of Lasiodiplodia theobromae : lighting the way towards an environmentally friendly phytosanitary treatment. Biology Letters, 2021, 17, 20200820.	2.3	8

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145	Indirect and direct damage to genomic DNA induced by 5,10,15-tris(1-methylpyridinium-4-yl)-20-(pentafluorophenyl)porphyrin upon photodynamic action. Journal of Porphyrins and Phthalocyanines, 2016, 20, 331-336.	0.8	7
146	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
147	Bacterial biomass production in an estuarine system: high variability of leucine conversion factors and changes in bacterial community structure during incubation. Aquatic Microbial Ecology, 2011, 62, 299-310.	1.8	6
148	Comparison of Methodologies for the Extraction of Bacterial DNA from Musselsâ€"Relevance for Food Safety. Food Analytical Methods, 2013, 6, 201-209.	2.6	6
149	Antimicrobial activity of new green-functionalized oxazoline-based oligomers against clinical isolates. SpringerPlus, 2015, 4, 382.	1.2	6
150	Inactivation of enterotoxic and non-enterotoxic Staphylococcus aureus strains by high pressure treatments and evaluation of its impact on virulence factors. Food Control, 2015, 57, 252-257.	5.5	6
151	Independent and interactive effects of reduced seawater pH and oil contamination on subsurface sediment bacterial communities. Environmental Science and Pollution Research, 2018, 25, 32756-32766.	5.3	6
152	From the saltpan to the plate: An evaluation of the use of the edible halophyte <scp>Salicornia ramosissima</scp> in catering. Annals of Applied Biology, 2022, 180, 99-108.	2.5	6
153	SELECTIVE CULTURES FOR THE ISOLATION OF BIOSURFACTANT PRODUCING BACTERIA: COMPARISON OF DIFFERENT COMBINATIONS OF ENVIRONMENTAL INOCULA AND HYDROPHOBIC CARBON SOURCES. Preparative Biochemistry and Biotechnology, 2013, 43, 237-255.	1.9	5
154	Microbial Remediation of Organometals and Oil Hydrocarbons in the Marine Environment. , 2017, , 41-66.		5
155	Antimicrobial Photodynamic Activity of Cationic Nanoparticles Decorated with Glycosylated Photosensitizers for Water Disinfection. ChemPhotoChem, 2018, 2, 596-605.	3.0	5
156	Photodynamic inactivation of the phytopathogenic bacterium Xanthomonas citri subsp. citri. Letters in Applied Microbiology, 2020, 71, 420-427.	2.2	5
157	Growth conditions influence UVB sensitivity and oxidative damage in an estuarine bacterial isolate. Photochemical and Photobiological Sciences, 2013, 12, 974-986.	2.9	3
158	Effect of temperature and compression/decompression rates on high pressure inactivation ofListeria. Acta Alimentaria, 2016, 45, 61-68.	0.7	3
159	Proportion of prokaryotes enumerated as viruses by epifluorescence microscopy. Annals of Microbiology, 2014, 64, 773-778.	2.6	2
160	Assessment of Transition Metals Toxicity in Environmental Matrices Using Potentiometric Electrodes: Inorganic Mercury(II) in the Seawater as a Case Study. Electroanalysis, 2015, 27, 1932-1938.	2.9	2
161	Effects of the Inoculant Strain Pseudomonas sp. SPN31 nah + and of 2-Methylnaphthalene Contamination on the Rhizosphere and Endosphere Bacterial Communities of Halimione portulacoides. Current Microbiology, 2017, 74, 575-583.	2.2	2
162	Complex cellular environments imaged by SERS nanoprobes using sugars as an all-in-one vector. Journal of Materials Chemistry B, 2021, 9, 9285-9294.	5.8	2

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163	Photodynamic control of citrus crop diseases. World Journal of Microbiology and Biotechnology, 2021, 37, 199.	3.6	2
164	Sewage bacteriophage photoinactivation by porphyrins immobilized in solid matrixes. , 2009, , .		1
165	Influence of incubation conditions on bacterial production estimates in an estuarine system. Aquatic Ecology, 2014, 48, 327-336.	1.5	1
166	Assessment of the performance of porphyrin derivatives as photosensitizers for the inactivation of bacterial endospores. , 2009, , .		1
167	Microbial diversity as an indicator of a diversified cropping system for luvisoils in a moderate climate. Case study â€“ Long term experiments from Poland. Ecological Indicators, 2022, 141, 109133.	6.3	1
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