

Adelaide Almeida

List of Publications by Year in descending order

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257
papers

10,381
citations

29994

54
h-index

53109

85
g-index

266
all docs

266
docs citations

266
times ranked

10164
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoantimicrobials “are we afraid of the light?. <i>Lancet Infectious Diseases</i> , The, 2017, 17, e49-e55.	4.6	498
2	Antimicrobial Photodynamic Therapy: Study of Bacterial Recovery Viability and Potential Development of Resistance after Treatment. <i>Marine Drugs</i> , 2010, 8, 91-105.	2.2	340
3	An insight on bacterial cellular targets of photodynamic inactivation. <i>Future Medicinal Chemistry</i> , 2014, 6, 141-164.	1.1	224
4	Wavelength dependence of biological damage induced by UV radiation on bacteria. <i>Archives of Microbiology</i> , 2013, 195, 63-74.	1.0	205
5	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.	1.4	204
6	Charge effect on the photoinactivation of Gram-negative and Gram-positive bacteria by cationic meso-substituted porphyrins. <i>BMC Microbiology</i> , 2009, 9, 70.	1.3	190
7	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.	5.6	184
8	Photodynamic Inactivation of Mammalian Viruses and Bacteriophages. <i>Viruses</i> , 2012, 4, 1034-1074.	1.5	182
9	Frequency and antimicrobial resistance patterns of bacteria implicated in community urinary tract infections: a ten-year surveillance study (2000–2009). <i>BMC Infectious Diseases</i> , 2013, 13, 19.	1.3	171
10	Revisiting Current Photoactive Materials for Antimicrobial Photodynamic Therapy. <i>Molecules</i> , 2018, 23, 2424.	1.7	153
11	Phage Therapy and Photodynamic Therapy: Low Environmental Impact Approaches to Inactivate Microorganisms in Fish Farming Plants. <i>Marine Drugs</i> , 2009, 7, 268-313.	2.2	127
12	Efficiency of phage cocktails in the inactivation of <i>Vibrio</i> in aquaculture. <i>Aquaculture</i> , 2014, 424-425, 167-173.	1.7	126
13	Pullulan-based nanocomposite films for functional food packaging: Exploiting lysozyme nanofibers as antibacterial and antioxidant reinforcing additives. <i>Food Hydrocolloids</i> , 2018, 77, 921-930.	5.6	124
14	Wastewater chemical contaminants: remediation by advanced oxidation processes. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1573-1598.	1.6	123
15	Taking Root: Enduring Effect of Rhizosphere Bacterial Colonization in Mangroves. <i>PLoS ONE</i> , 2010, 5, e14065.	1.1	121
16	Phage Therapy as an Approach to Prevent <i>Vibrio anguillarum</i> Infections in Fish Larvae Production. <i>PLoS ONE</i> , 2014, 9, e114197.	1.1	117
17	Functional Cationic Nanomagnet–Porphyrin Hybrids for the Photoinactivation of Microorganisms. <i>ACS Nano</i> , 2010, 4, 7133-7140.	7.3	112
18	Photodynamic inactivation of multidrug-resistant bacteria in hospital wastewaters: influence of residual antibiotics. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 626-633.	1.6	112

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19	Antifungal activity of transparent nanocomposite thin films of pullulan and silver against <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 143-148.	2.5	110
20	Mechanisms of photodynamic inactivation of a Gram-negative recombinant bioluminescent bacterium by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1659-1669.	1.6	106
21	Photodynamic Inactivation of Bacterial and Yeast Biofilms With a Cationic Porphyrin. <i>Photochemistry and Photobiology</i> , 2014, 90, 1387-1396.	1.3	104
22	Photodynamic inactivation of bacteria: finding the effective targets. <i>Future Medicinal Chemistry</i> , 2015, 7, 1221-1224.	1.1	103
23	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.	1.6	99
24	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.	3.9	99
25	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.	0.9	93
26	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.	1.7	93
27	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.	1.1	90
28	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.	1.9	89
29	Photodynamic inactivation of <i>Penicillium chrysogenum</i> conidia by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1735-1743.	1.6	82
30	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.	2.2	82
31	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.	1.4	81
32	Antimicrobial Photodynamic Therapy in the Control of COVID-19. <i>Antibiotics</i> , 2020, 9, 320.	1.5	81
33	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 415.	1.6	80
34	Impact of organic and inorganic nanomaterials in the soil microbial community structure. <i>Science of the Total Environment</i> , 2012, 424, 344-350.	3.9	80
35	Porphyrin derivatives as photosensitizers for the inactivation of <i>Bacillus cereus</i> endospores. <i>Journal of Applied Microbiology</i> , 2009, 106, 1986-1995.	1.4	79
36	Effect of Photodynamic Therapy on the Virulence Factors of <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 267.	1.5	77

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37	Effects of single and combined use of bacteriophages and antibiotics to inactivate Escherichia coli. <i>Virus Research</i> , 2017, 240, 8-17.	1.1	75
38	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.	1.3	73
39	An Insight Into the Potentiation Effect of Potassium Iodide on aPDT Efficacy. <i>Frontiers in Microbiology</i> , 2018, 9, 2665.	1.5	73
40	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.	2.2	72
41	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1126.	1.6	71
42	Biological control of <i>Aeromonas salmonicida</i> infection in juvenile Senegalese sole (<i>Solea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (1.7	71
43	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.	1.7	70
44	Incorporation of biocides in nanocapsules for protective coatings used in maritime applications. <i>Chemical Engineering Journal</i> , 2015, 270, 150-157.	6.6	68
45	Antioxidant and antimicrobial films based on brewers spent grain arabinoxylans, nanocellulose and feruloylated compounds for active packaging. <i>Food Hydrocolloids</i> , 2020, 108, 105836.	5.6	68
46	Photodynamic Antimicrobial Chemotherapy in Aquaculture: Photoinactivation Studies of <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011, 6, e20970.	1.1	67
47	Antimicrobial and Conductive Nanocellulose-Based Films for Active and Intelligent Food Packaging. <i>Nanomaterials</i> , 2019, 9, 980.	1.9	66
48	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.	0.9	66
49	A new insight on nanomagnetâ€“porphyrin hybrids for photodynamic inactivation of microorganisms. <i>Dyes and Pigments</i> , 2014, 110, 80-88.	2.0	65
50	Efficiency of Phage Î†6 for Biocontrol of <i>Pseudomonas syringae</i> pv. <i>syringae</i> : An in Vitro Preliminary Study. <i>Microorganisms</i> , 2019, 7, 286.	1.6	64
51	Influence of environmental variables in the efficiency of phage therapy in aquaculture. <i>Microbial Biotechnology</i> , 2014, 7, 401-413.	2.0	62
52	Phthalocyanine Thioâ€“Pyridinium Derivatives as Antibacterial Photosensitizers^{â€“}. <i>Photochemistry and Photobiology</i> , 2012, 88, 537-547.	1.3	60
53	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.	1.3	56
54	Comparative photodynamic inactivation of antibiotic resistant bacteria by first and second generation cationic photosensitizers. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1905-1913.	1.6	55

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55	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.	4.6	55
56	Hydrocarbon contamination and plant species determine the phylogenetic and functional diversity of endophytic degrading bacteria. <i>Molecular Ecology</i> , 2014, 23, 1392-1404.	2.0	55
57	Antimicrobial bacterial cellulose nanocomposites prepared by in situ polymerization of 2-aminoethyl methacrylate. <i>Carbohydrate Polymers</i> , 2015, 123, 443-453.	5.1	55
58	Antimicrobial photodynamic activity of porphyrin derivatives: potential application on medical and water disinfection. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 574-577.	0.4	53
59	An effective and potentially safe blood disinfection protocol using tetrapyrrolic photosensitizers. <i>Future Medicinal Chemistry</i> , 2017, 9, 365-379.	1.1	50
60	Efficiency of Single Phage Suspensions and Phage Cocktail in the Inactivation of <i>Escherichia coli</i> and <i>Salmonella Typhimurium</i> : An In Vitro Preliminary Study. <i>Microorganisms</i> , 2019, 7, 94.	1.6	50
61	Chapter 5. Porphyrins as Antimicrobial Photosensitizing Agents. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2011, , 83-160.	0.3	48
62	Effects of UV-B Radiation on the Structural and Physiological Diversity of Bacterioneuston and Bacterioplankton. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2066-2069.	1.4	48
63	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.	0.7	48
64	Sequential Combined Effect of Phages and Antibiotics on the Inactivation of <i>Escherichia coli</i> . <i>Microorganisms</i> , 2018, 6, 125.	1.6	48
65	Susceptibility of <i>Listeria monocytogenes</i> to high pressure processing: A review. <i>Food Reviews International</i> , 2016, 32, 377-399.	4.3	47
66	Zwitterionic Nanocellulose-Based Membranes for Organic Dye Removal. <i>Materials</i> , 2019, 12, 1404.	1.3	47
67	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.	1.7	45
68	Inactivation of <i>Staphylococcus aureus</i> by high pressure processing: An overview. <i>Innovative Food Science and Emerging Technologies</i> , 2016, 36, 128-149.	2.7	45
69	Single and combined effects of photodynamic therapy and antibiotics to inactivate <i>Staphylococcus aureus</i> on skin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 285-293.	1.3	45
70	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.	1.0	44
71	New Materials Based on Cationic Porphyrins Conjugated to Chitosan or Titanium Dioxide: Synthesis, Characterization and Antimicrobial Efficacy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2522.	1.8	44
72	Use of phage ϕ 6 to inactivate <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> in kiwifruit plants: in vitro and ex vivo experiments. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1319-1330.	1.7	43

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73	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4311-4318.	1.4	42
74	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.	6.5	42
75	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
76	New insights on phage efficacy to control <i>Aeromonas salmonicida</i> in aquaculture systems: An in vitro preliminary study. <i>Aquaculture</i> , 2018, 495, 970-982.	1.7	41
77	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.	2.5	40
78	Control of <i>Listeria innocua</i> biofilms by biocompatible photodynamic antifouling chitosan based materials. <i>Dyes and Pigments</i> , 2017, 137, 265-276.	2.0	40
79	Photoinactivation of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> in kiwifruit plants by cationic porphyrins. <i>Planta</i> , 2018, 248, 409-421.	1.6	40
80	Advances in aPDT based on the combination of a porphyrinic formulation with potassium iodide: Effectiveness on bacteria and fungi planktonic/biofilm forms and viruses. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 534-545.	0.4	40
81	Factors Influencing Bacterial Production in a Shallow Estuarine System. <i>Microbial Ecology</i> , 2001, 42, 416-426.	1.4	39
82	Interactive effects of global climate change and pollution on marine microbes: the way ahead. <i>Ecology and Evolution</i> , 2013, 3, 1808-1818.	0.8	39
83	Pyrrolidine-fused chlorin photosensitizer immobilized on solid supports for the photoinactivation of Gram negative bacteria. <i>Dyes and Pigments</i> , 2014, 110, 123-133.	2.0	39
84	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.	1.6	39
85	Multifunctional nanofibrous patches composed of nanocellulose and lysozyme nanofibers for cutaneous wound healing. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1198-1210.	3.6	39
86	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1520-1523.	1.6	38
87	Microbe-Assisted Phytoremediation of Hydrocarbons in Estuarine Environments. <i>Microbial Ecology</i> , 2015, 69, 1-12.	1.4	38
88	Potential of phage cocktails in the inactivation of <i>Enterobacter cloacae</i> – An in vitro study in a buffer solution and in urine samples. <i>Virus Research</i> , 2016, 211, 199-208.	1.1	38
89	Photodynamic Action against Wastewater Microorganisms and Chemical Pollutants: An Effective Approach with Low Environmental Impact. <i>Water (Switzerland)</i> , 2017, 9, 630.	1.2	38
90	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.	1.6	36

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91	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1853-1863.	1.6	36
92	Characterization and in vitro evaluation of new bacteriophages for the biocontrol of <i>Escherichia coli</i> . <i>Virus Research</i> , 2017, 227, 171-182.	1.1	36
93	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.	1.4	36
94	Loss of Estuarine Bacteria by Viral Infection and Predation in Microcosm Conditions. <i>Microbial Ecology</i> , 2001, 42, 562-571.	1.4	34
95	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.	0.7	34
96	Shedding light on <i>Aspergillus niger</i> volatile exometabolome. <i>Scientific Reports</i> , 2016, 6, 27441.	1.6	34
97	Application of phage therapy during bivalve depuration improves <i>Escherichia coli</i> decontamination. <i>Food Microbiology</i> , 2017, 61, 102-112.	2.1	34
98	Effect of Elderberry (<i>Sambucus nigra</i> L.) Extract Supplementation in STZ-Induced Diabetic Rats Fed with a High-Fat Diet. <i>International Journal of Molecular Sciences</i> , 2017, 18, 13.	1.8	34
99	Bacteriophage potential against <i>Vibrio parahaemolyticus</i> biofilms. <i>Food Control</i> , 2019, 98, 156-163.	2.8	34
100	Antimicrobial Lipids from Plants and Marine Organisms: An Overview of the Current State-of-the-Art and Future Prospects. <i>Antibiotics</i> , 2020, 9, 441.	1.5	34
101	Kiwifruit bacterial canker: an integrative view focused on biocontrol strategies. <i>Planta</i> , 2021, 253, 49.	1.6	32
102	The Role of Porphyrinoid Photosensitizers for Skin Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4121.	1.8	32
103	An efficient formulation based on cationic porphyrins to photoinactivate <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>Future Medicinal Chemistry</i> , 2018, 10, 1821-1833.	1.1	31
104	Nanocellulose-based antifungal nanocomposites against the polymorphic fungus <i>Candida albicans</i> . <i>Carbohydrate Polymers</i> , 2019, 217, 207-216.	5.1	31
105	Short-term variability of abundance, diversity and activity of estuarine bacterioplankton and bacterioplankton. <i>Journal of Plankton Research</i> , 2009, 31, 1545-1555.	0.8	30
106	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
107	Assessing variation in bacterial composition between the rhizospheres of two mangrove tree species. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 139, 40-45.	0.9	30
108	Insights on the Optical Properties of Estuarine DOM – Hydrological and Biological Influences. <i>PLoS ONE</i> , 2016, 11, e0154519.	1.1	30

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109	Anti-fungal activity of SiO ₂ /Ag ₂ S nanocomposites against <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 304-308.	2.5	29
110	Invasive pulmonary aspergillosis: current diagnostic methodologies and a new molecular approach. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1393-1403.	1.3	29
111	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.	4.2	28
112	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.	1.5	28
113	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.	1.6	27
114	Synthesis of new porphyrin/4-quinolone conjugates and evaluation of their efficiency in the photoinactivation of <i>Staphylococcus aureus</i> . <i>RSC Advances</i> , 2015, 5, 71228-71239.	1.7	27
115	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.	1.6	26
116	Air quality in a school with dampness and mould problems. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 107-115.	1.5	26
117	An insight into the synthesis of cationic porphyrin-imidazole derivatives and their photodynamic inactivation efficiency against <i>Escherichia coli</i> . <i>Dyes and Pigments</i> , 2020, 178, 108330.	2.0	26
118	Application of the Resazurin Cell Viability Assay to Monitor <i>Escherichia coli</i> and <i>Salmonella Typhimurium</i> Inactivation Mediated by Phages. <i>Antibiotics</i> , 2021, 10, 974.	1.5	26
119	Effects of Monospecific Banks of Salt Marsh Vegetation on Sediment Bacterial Communities. <i>Microbial Ecology</i> , 2010, 60, 167-179.	1.4	25
120	Bioluminescence and its application in the monitoring of antimicrobial photodynamic therapy. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 1115-1128.	1.7	25
121	Incidence and Diversity of Antimicrobial Multidrug Resistance Profiles of Uropathogenic Bacteria. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	25
122	Photodynamic inactivation of <i>Escherichia coli</i> with cationic ammonium Zn(ii) phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1872-1879.	1.6	25
123	Relation between bacterial activity in the surface microlayer and estuarine hydrodynamics. <i>FEMS Microbiology Ecology</i> , 2011, 77, 636-646.	1.3	24
124	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.	0.9	24
125	Reducing <i>Salmonella</i> Horizontal Transmission During Egg Incubation by Phage Therapy. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 718-722.	0.8	24
126	An insight into the photodynamic approach versus copper formulations in the control of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> in kiwi plants. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 180-191.	1.6	24

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127	Valorisation of chestnut spiny burs and roasted hazelnut skins extracts as bioactive additives for packaging films. <i>Industrial Crops and Products</i> , 2020, 151, 112491.	2.5	24
128	Diversity in UV sensitivity and recovery potential among bacterioneuston and bacterioplankton isolates. <i>Letters in Applied Microbiology</i> , 2011, 52, 360-366.	1.0	23
129	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.	1.7	23
130	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.	1.3	23
131	Integrated analysis of bacterial and microeukaryotic communities from differentially active mud volcanoes in the Gulf of Cadiz. <i>Scientific Reports</i> , 2016, 6, 35272.	1.6	23
132	Novel \hat{I}^2 -functionalized mono-charged porphyrinic derivatives: Synthesis and photoinactivation of <i>Escherichia coli</i> . <i>Dyes and Pigments</i> , 2019, 160, 361-371.	2.0	23
133	A comprehensive look into the volatile exometabolome of enteroxic and non-enterotoxic <i>Staphylococcus aureus</i> strains. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 108, 40-50.	1.2	23
134	Versatile thiopyridyl/pyridinone porphyrins combined with potassium iodide and thiopyridinium/methoxythiopyridinium porphyrins on <i>E. coli</i> photoinactivation. <i>Dyes and Pigments</i> , 2020, 181, 108476.	2.0	23
135	Title is missing!. <i>Hydrobiologia</i> , 2002, 475/476, 251-262.	1.0	22
136	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.	1.3	22
137	Insights on beer volatile profile: Optimization of solid-phase microextraction procedure taking advantage of the comprehensive two-dimensional gas chromatography structured separation. <i>Journal of Separation Science</i> , 2015, 38, 2140-2148.	1.3	22
138	Metabolomics strategy for the mapping of volatile exometabolome from <i>Saccharomyces</i> spp. widely used in the food industry based on comprehensive two-dimensional gas chromatography. <i>Journal of Separation Science</i> , 2017, 40, 2228-2237.	1.3	22
139	Unveiling the lager beer volatile terpenic compounds. <i>Food Research International</i> , 2018, 114, 199-207.	2.9	22
140	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.	2.3	22
141	The Health-Promoting Potential of <i>Salix</i> spp. Bark Polar Extracts: Key Insights on Phenolic Composition and In Vitro Bioactivity and Biocompatibility. <i>Antioxidants</i> , 2019, 8, 609.	2.2	22
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