Pilar Teixeira

List of Publications by Year
in descending order

58 papers	1,878 citations	279798 23 h-index	265206 42 g-index
62 all docs	62 docs citations	62 times ranked	2795 citing authors

#	Article	IF	Citations
1	Evaluation of Fenton and ozone-based advanced oxidation processes as mature landfill leachate pre-treatments. Journal of Environmental Management, 2011, 92, 749-755.	7.8	185
2	Adhesion to and Viability of Listeria monocytogenes on Food Contact Surfaces. Journal of Food Protection, 2008, 71, 1379-1385.	1.7	126
3	Ozonation as polishing treatment of mature landfill leachate. Journal of Hazardous Materials, 2010, 182, 730-734.	12.4	120
4	An investigation of the potential application of chitosan/aloe-based membranes for regenerative medicine. Acta Biomaterialia, 2013, 9, 6790-6797.	8.3	118
5	Rotating biological contactors: a review on main factors affecting performance. Reviews in Environmental Science and Biotechnology, 2008, 7, 155-172.	8.1	103
6	Active natural-based films for food packaging applications: The combined effect of chitosan and nanocellulose. International Journal of Biological Macromolecules, 2021, 177, 241-251.	7.5	88
7	Influence of Surface Properties on the Adhesion ofStaphylococcus epidermidisto Acrylic and Silicone. International Journal of Biomaterials, 2009, 2009, 1-9.	2.4	76
8	Mini-review:Staphylococcus epidermidisas the most frequent cause of nosocomial infections: old and new fighting strategies. Biofouling, 2014, 30, 131-141.	2.2	68
9	Effect of Farnesol on Planktonic and Biofilm Cells of Staphylococcus epidermidis. Current Microbiology, 2009, 59, 118-122.	2.2	67
10	Physico-chemical surface characterization of a bacterial population isolated from a milking machine. Food Microbiology, 2005, 22, 247-251.	4.2	58
11	Influence of surface characteristics on the adhesion of Alcaligenes denitrificans to polymeric substrates. Journal of Adhesion Science and Technology, 1999, 13, 1287-1294.	2.6	57
12	Comparison of the Adhesion Ability of Different Salmonella Enteritidis Serotypes to Materials Used in Kitchens. Journal of Food Protection, 2006, 69, 2352-2356.	1.7	57
13	Immobilization of bacteriophage in wound-dressing nanostructure. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2475-2484.	3.3	54
14	Confocal laser scanning microscopy analysis of S. epidermidis biofilms exposed to farnesol, vancomycin and rifampicin. BMC Research Notes, 2012, 5, 244.	1.4	46
15	Effect of Farnesol on Structure and Composition of Staphylococcus epidermidis Biofilm Matrix. Current Microbiology, 2011, 63, 354-359.	2.2	38
16	Listeria monocytogenesandSalmonella entericaEnteritidis Biofilms Susceptibility to Different Disinfectants and Stress-Response and Virulence Gene Expression of Surviving Cells. Microbial Drug Resistance, 2011, 17, 181-189.	2.0	37
17	Adhesion of Salmonella Enteritidis to stainless steel surfaces. Brazilian Journal of Microbiology, 2007, 38, 318-323.	2.0	35
18	Mature landfill leachate treatment by denitrification and ozonation. Process Biochemistry, 2011, 46, 148-153.	3.7	34

#	Article	IF	Citations
19	In vitro Activity of Daptomycin, Linezolid and Rifampicin on Staphylococcus epidermidis Biofilms. Current Microbiology, 2011, 63, 313-317.	2.2	33
20	The role of extracellular polymers on Staphylococcus epidermidis biofilm biomass and metabolic activity. Journal of Basic Microbiology, 2009, 49, 363-370.	3.3	32
21	Salmonella enterica Enteritidis Biofilm Formation and Viability on Regular and Triclosan-Impregnated Bench Cover Materials. Journal of Food Protection, 2011, 74, 32-37.	1.7	30
22	Denitrification in a closed rotating biological contactor: effect of disk submergence. Process Biochemistry, 2001, 37, 345-349.	3.7	26
23	Combined effect of linezolid and N-acetylcysteine against Staphylococcus epidermidis biofilms. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2013, 31, 655-659.	0.5	26
24	Denitrification of a landfill leachate with high nitrate concentration in an anoxic rotating biological contactor. Biodegradation, 2011, 22, 661-671.	3.0	24
25	Surface adhesins and exopolymers of selected foodborne pathogens. Microbiology (United Kingdom), 2014, 160, 2561-2582.	1.8	23
26	Farnesol as Antibiotics Adjuvant in Staphylococcus epidermidis Control In Vitro. American Journal of the Medical Sciences, 2011, 341, 191-195.	1.1	22
27	Interfacial interactions between nitrifying bacteria and mineral carriers in aqueous media determined by contact angle measurements and thin layer wicking. Colloids and Surfaces B: Biointerfaces, 1998, 12, 69-75.	5.0	21
28	Adhesion of Listeria monocytogenes to materials commonly found in domestic kitchens. International Journal of Food Science and Technology, 2008, 43, 1239-1244.	2.7	21
29	Comfort and Infection Control of Chitosan-impregnated Cotton Gauze as Wound Dressing. Fibers and Polymers, 2019, 20, 922-932.	2.1	21
30	Virulence Gene Expression byStaphylococcus epidermidisBiofilm Cells Exposed to Antibiotics. Microbial Drug Resistance, 2011, 17, 191-196.	2.0	18
31	Staphylococcus epidermidis adhesion on modified urea/urethane elastomers. Journal of Biomaterials Science, Polymer Edition, 2006, 17, 239-246.	3.5	16
32	Farnesol induces cell detachment from established S. epidermidis biofilms. Journal of Antibiotics, 2013, 66, 255-258.	2.0	16
33	Effect of Batch and Fed-Batch Growth Modes on Biofilm Formation by Listeria monocytogenes at Different Temperatures. Current Microbiology, 2009, 59, 457-462.	2.2	13
34	Farnesol in combination with N-acetylcysteine against Staphylococcus epidermidis planktonic and biofilm cells. Brazilian Journal of Microbiology, 2012, 43, 235-242.	2.0	13
35	Evaluation by Flow Cytometry of Escherichia coli Viability in Lettuce after Disinfection. Antibiotics, 2020, 9, 14.	3.7	13
36	In-situ synthesis of CaO and SiO2 nanoparticles onto jute fabrics: exploring the multifunctionality. Cellulose, 2021, 28, 1123-1138.	4.9	13

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37	Denitrification by Alcaligenes denitrificans in a closed rotating biological contactor. , 2000, 22, 1789-1792.		12
38	Staphylococcus epidermidis glucose uptake in biofilm versus planktonic cells. World Journal of Microbiology and Biotechnology, 2008, 24, 423-426.	3.6	12
39	Antibacterial and Biodegradable Electrospun Filtering Membranes for Facemasks: An Attempt to Reduce Disposable Masks Use. Applied Sciences (Switzerland), 2022, 12, 67.	2.5	12
40	Effect of operating parameters on denitrification in an anoxic rotating biological contactor. Environmental Technology (United Kingdom), 2009, 30, 1381-1389.	2.2	10
41	Staphylococcus epidermidis Biofilms Control by N-Acetylcysteine and Rifampicin. American Journal of Therapeutics, 2013, 20, 322-328.	0.9	10
42	The importance of surface properties in the selection of supports for nitrification in airlift bioreactors. Bioprocess and Biosystems Engineering, 1998, 19, 143.	0.5	8
43	Food contact surfaces coated with nitrogen-doped titanium dioxide: effect on Listeria monocytogenes survival under different light sources. Applied Surface Science, 2013, 270, 1-5.	6.1	7
44	Electrospinning polypropylene with an amino acid as a strategy to bind the antimicrobial peptide Cys-LC-LL-37. Journal of Materials Science, 2018, 53, 4655-4664.	3.7	7
45	Chitosan Nano/Microformulations for Antimicrobial Protection of Leather with a Potential Impact in Tanning Industry. Materials, 2022, 15, 1750.	2.9	5
46	Metabolism of Alcaligenes denitrificans in biofilm vs planktonic cells. Journal of Applied Microbiology, 2002, 92, 256-260.	3.1	4
47	Reduction of Staphylococcus epidermidis adhesion to indwelling medical devices: a simple procedure. British Journal of Biomedical Science, 2008, 65, 184-190.	1.3	4
48	N-acetylcysteine and vancomycin alone and in combination against staphylococci biofilm. Revista Brasileira De Engenharia Biomedica, 2013, 29, 184-192.	0.3	4
49	Farnesol in combination with N-acetylcysteine against Staphylococcus epidermidis planktonic and biofilm cells. Brazilian Journal of Microbiology, 2012, 43, 235-42.	2.0	4
50	Hydraulic Characteristics of an Anoxic Rotating Biological Contactor: Influence of Biofilm. Environmental Technology (United Kingdom), 2001, 22, 1169-1175.	2.2	3
51	Antibiofilm Strategies in the Food Industry. Springer Series on Biofilms, 2014, , 359-381.	0.1	3
52	Deep impact of the inactivation of the SecA2-only protein export pathway on the proteosurfaceome of Listeria monocytogenes. Journal of Proteomics, 2021, 250, 104388.	2.4	3
53	Relevance of Cell Wall and Extracellular Matrix Proteins to Staphylococcus Epidermidis Adhesion and Biofilm Formation. Journal of Adhesion Science and Technology, 2009, 23, 1657-1671.	2.6	2
54	DENITRIFYING POTENTIAL OF AN ACTIVATED SLUDGE DERIVED CONSORTIUM. Environmental Engineering and Management Journal, 2010, 9, 299-303.	0.6	2

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55	Multifunctional natural fibers: the potential of core shell MgOâ€“SiO2 nanoparticles. Cellulose, 2022, 29, 5659-5676.	4.9	2
56	New strategies for surface modification of cotton and silk textiles with antimicrobial properties. Journal of Biotechnology, 2014, 185, S20.	3.8	1
57	Adhesion ofAlcaligenes denitrificansto Polymeric Materials: The Effect of Divalent Cations. Journal of Adhesion, 2000, 73, 87-97.	3.0	0
58	DENITRIFYING ACTIVITY OF ACTIVATED SLUDGE IN SUSPENSION AND IN BIOFILM. Environmental Engineering and Management Journal, 2010, 9, 295-298.	0.6	0