# Pilar Teixeira

List of Publications by Year
in descending order

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|---|---|---|---|
| 58 papers | 1,878 citations | 318942 23 h-index | 299063 42 g-index |
| 62 all docs | 62 docs citations | 62 times ranked | 3060 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Chitosan Nano/Microformulations for Antimicrobial Protection of Leather with a Potential Impact in Tanning Industry. Materials, 2022, 15, 1750. | 1.3 | 5 |
| 2 | Antibacterial and Biodegradable Electrospun Filtering Membranes for Facemasks: An Attempt to Reduce Disposable Masks Use. Applied Sciences (Switzerland), 2022, 12, 67. | 1.3 | 12 |
| 3 | Multifunctional natural fibers: the potential of core shell MgOâ€“SiO2 nanoparticles. Cellulose, 2022, 29, 5659-5676. | 2.4 | 2 |
| 4 | In-situ synthesis of CaO and SiO2 nanoparticles onto jute fabrics: exploring the multifunctionality. Cellulose, 2021, 28, 1123-1138. | 2.4 | 13 |
| 5 | Active natural-based films for food packaging applications: The combined effect of chitosan and nanocellulose. International Journal of Biological Macromolecules, 2021, 177, 241-251. | 3.6 | 88 |
| 6 | Deep impact of the inactivation of the SecA2-only protein export pathway on the proteosurfaceome of Listeria monocytogenes. Journal of Proteomics, 2021, 250, 104388. | 1.2 | 3 |
| 7 | Evaluation by Flow Cytometry of Escherichia coli Viability in Lettuce after Disinfection. Antibiotics, 2020, 9, 14. | 1.5 | 13 |
| 8 | Comfort and Infection Control of Chitosan-impregnated Cotton Gauze as Wound Dressing. Fibers and Polymers, 2019, 20, 922-932. | 1.1 | 21 |
| 9 | 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. | 1.7 | 7 |
| 10 | Immobilization of bacteriophage in wound-dressing nanostructure. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2475-2484. | 1.7 | 54 |
| 11 | Antibiofilm Strategies in the Food Industry. Springer Series on Biofilms, 2014, , 359-381. | 0.0 | 3 |
| 12 | Mini-review:Staphylococcus epidermidisas the most frequent cause of nosocomial infections: old and new fighting strategies. Biofouling, 2014, 30, 131-141. | 0.8 | 68 |
| 13 | Surface adhesins and exopolymers of selected foodborne pathogens. Microbiology (United Kingdom), 2014, 160, 2561-2582. | 0.7 | 23 |
| 14 | New strategies for surface modification of cotton and silk textiles with antimicrobial properties. Journal of Biotechnology, 2014, 185, S20. | 1.9 | 1 |
| 15 | 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. | 3.1 | 7 |
| 16 | Combined effect of linezolid and N-acetylcysteine against Staphylococcus epidermidis biofilms. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2013, 31, 655-659. | 0.3 | 26 |
| 17 | Farnesol induces cell detachment from established S. epidermidis biofilms. Journal of Antibiotics, 2013, 66, 255-258. | 1.0 | 16 |
| 18 | An investigation of the potential application of chitosan/aloe-based membranes for regenerative medicine. Acta Biomaterialia, 2013, 9, 6790-6797. | 4.1 | 118 |

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|---|---|---|---|
| 19 | Staphylococcus epidermidis Biofilms Control by N-Acetylcysteine and Rifampicin. American Journal of Therapeutics, 2013, 20, 322-328. | 0.5 | 10 |
| 20 | N-acetylcysteine and vancomycin alone and in combination against staphylococci biofilm. Revista Brasileira De Engenharia Biomedica, 2013, 29, 184-192. | 0.3 | 4 |
| 21 | Confocal laser scanning microscopy analysis of S. epidermidis biofilms exposed to farnesol, vancomycin and rifampicin. BMC Research Notes, 2012, 5, 244. | 0.6 | 46 |
| 22 | Farnesol in combination with N-acetylcysteine against Staphylococcus epidermidis planktonic and biofilm cells. Brazilian Journal of Microbiology, 2012, 43, 235-242. | 0.8 | 13 |
| 23 | Farnesol in combination with N-acetylcysteine against Staphylococcus epidermidis planktonic and biofilm cells. Brazilian Journal of Microbiology, 2012, 43, 235-42. | 0.8 | 4 |
| 24 | Virulence Gene Expression byStaphylococcus epidermidisBiofilm Cells Exposed to Antibiotics. Microbial Drug Resistance, 2011, 17, 191-196. | 0.9 | 18 |
| 25 | 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. | 0.9 | 37 |
| 26 | Farnesol as Antibiotics Adjuvant in Staphylococcus epidermidis Control In Vitro. American Journal of the Medical Sciences, 2011, 341, 191-195. | 0.4 | 22 |
| 27 | Denitrification of a landfill leachate with high nitrate concentration in an anoxic rotating biological contactor. Biodegradation, 2011, 22, 661-671. | 1.5 | 24 |
| 28 | In vitro Activity of Daptomycin, Linezolid and Rifampicin on Staphylococcus epidermidis Biofilms. Current Microbiology, 2011, 63, 313-317. | 1.0 | 33 |
| 29 | Effect of Farnesol on Structure and Composition of Staphylococcus epidermidis Biofilm Matrix. Current Microbiology, 2011, 63, 354-359. | 1.0 | 38 |
| 30 | Evaluation of Fenton and ozone-based advanced oxidation processes as mature landfill leachate pre-treatments. Journal of Environmental Management, 2011, 92, 749-755. | 3.8 | 185 |
| 31 | Mature landfill leachate treatment by denitrification and ozonation. Process Biochemistry, 2011, 46, 148-153. | 1.8 | 34 |
| 32 | Salmonella enterica Enteritidis Biofilm Formation and Viability on Regular and Triclosan-Impregnated Bench Cover Materials. Journal of Food Protection, 2011, 74, 32-37. | 0.8 | 30 |
| 33 | Ozonation as polishing treatment of mature landfill leachate. Journal of Hazardous Materials, 2010, 182, 730-734. | 6.5 | 120 |
| 34 | DENITRIFYING POTENTIAL OF AN ACTIVATED SLUDGE DERIVED CONSORTIUM. Environmental Engineering and Management Journal, 2010, 9, 299-303. | 0.2 | 2 |
| 35 | DENITRIFYING ACTIVITY OF ACTIVATED SLUDGE IN SUSPENSION AND IN BIOFILM. Environmental Engineering and Management Journal, 2010, 9, 295-298. | 0.2 | 0 |
| 36 | Effect of operating parameters on denitrification in an anoxic rotating biological contactor. Environmental Technology (United Kingdom), 2009, 30, 1381-1389. | 1.2 | 10 |

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|---|---|---|---|
| 37 | Influence of Surface Properties on the Adhesion ofStaphylococcus epidermidisto Acrylic and Silicone. International Journal of Biomaterials, 2009, 2009, 1-9. | 1.1 | 76 |
| 38 | The role of extracellular polymers on Staphylococcus epidermidis biofilm biomass and metabolic activity. Journal of Basic Microbiology, 2009, 49, 363-370. | 1.8 | 32 |
| 39 | Effect of Farnesol on Planktonic and Biofilm Cells of Staphylococcus epidermidis. Current Microbiology, 2009, 59, 118-122. | 1.0 | 67 |
| 40 | Effect of Batch and Fed-Batch Growth Modes on Biofilm Formation by Listeria monocytogenes at Different Temperatures. Current Microbiology, 2009, 59, 457-462. | 1.0 | 13 |
| 41 | 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. | 1.4 | 2 |
| 42 | Rotating biological contactors: a review on main factors affecting performance. Reviews in Environmental Science and Biotechnology, 2008, 7, 155-172. | 3.9 | 103 |
| 43 | Staphylococcus epidermidis glucose uptake in biofilm versus planktonic cells. World Journal of Microbiology and Biotechnology, 2008, 24, 423-426. | 1.7 | 12 |
| 44 | Adhesion of Listeria monocytogenes to materials commonly found in domestic kitchens. International Journal of Food Science and Technology, 2008, 43, 1239-1244. | 1.3 | 21 |
| 45 | Reduction of Staphylococcus epidermidis adhesion to indwelling medical devices: a simple procedure. British Journal of Biomedical Science, 2008, 65, 184-190. | 1.2 | 4 |
| 46 | Adhesion to and Viability of Listeria monocytogenes on Food Contact Surfaces. Journal of Food Protection, 2008, 71, 1379-1385. | 0.8 | 126 |
| 47 | Adhesion of Salmonella Enteritidis to stainless steel surfaces. Brazilian Journal of Microbiology, 2007, 38, 318-323. | 0.8 | 35 |
| 48 | Staphylococcus epidermidis adhesion on modified urea/urethane elastomers. Journal of Biomaterials Science, Polymer Edition, 2006, 17, 239-246. | 1.9 | 16 |
| 49 | Comparison of the Adhesion Ability of Different Salmonella Enteritidis Serotypes to Materials Used in Kitchens. Journal of Food Protection, 2006, 69, 2352-2356. | 0.8 | 57 |
| 50 | Physico-chemical surface characterization of a bacterial population isolated from a milking machine. Food Microbiology, 2005, 22, 247-251. | 2.1 | 58 |
| 51 | Metabolism of Alcaligenes denitrificans in biofilm vs planktonic cells. Journal of Applied Microbiology, 2002, 92, 256-260. | 1.4 | 4 |
| 52 | Hydraulic Characteristics of an Anoxic Rotating Biological Contactor: Influence of Biofilm. Environmental Technology (United Kingdom), 2001, 22, 1169-1175. | 1.2 | 3 |
| 53 | Denitrification in a closed rotating biological contactor: effect of disk submergence. Process Biochemistry, 2001, 37, 345-349. | 1.8 | 26 |
| 54 | Denitrification by Alcaligenes denitrificans in a closed rotating biological contactor. , 2000, 22, 1789-1792. | | 12 |

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|---|---|---|---|
| 55 | Adhesion ofAlcaligenes denitrificansto Polymeric Materials: The Effect of Divalent Cations. Journal of Adhesion, 2000, 73, 87-97. | 1.8 | 0 |
| 56 | Influence of surface characteristics on the adhesion of Alcaligenes denitrificans to polymeric substrates. Journal of Adhesion Science and Technology, 1999, 13, 1287-1294. | 1.4 | 57 |
| 57 | 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 |
| 58 | 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. | 2.5 | 21 |