

# Nuno Cerca

## List of Publications by Year in descending order

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123  
papers

5,329  
citations

94415

37  
h-index

98792

67  
g-index

128  
all docs

128  
docs citations

128  
times ranked

5996  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Critical review on biofilm methods. <i>Critical Reviews in Microbiology</i> , 2017, 43, 313-351.   | 6.1 | 693       |
| 2  | Quantitative analysis of adhesion and biofilm formation on hydrophilic and hydrophobic surfaces of clinical isolates of <i>Staphylococcus epidermidis</i> . <i>Research in Microbiology</i> , 2005, 156, 506-514.  | 2.1 | 280       |
| 3  | Molecular Aspects and Comparative Genomics of Bacteriophage Endolysins. <i>Journal of Virology</i> , 2013, 87, 4558-4570.  | 3.4 | 222       |
| 4  | Comparative assessment of antibiotic susceptibility of coagulase-negative staphylococci in biofilm versus planktonic culture as assessed by bacterial enumeration or rapid XTT colorimetry. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 56, 331-336.        | 3.0 | 211       |
| 5  | Influence of Biofilm Formation by <i>Gardnerella vaginalis</i> and Other Anaerobes on Bacterial Vaginosis. <i>Journal of Infectious Diseases</i> , 2015, 212, 1856-1861.   | 4.0 | 184       |
| 6  | Comparative Antibody-Mediated Phagocytosis of <i>Staphylococcus epidermidis</i> Cells Grown in a Biofilm or in the Planktonic State. <i>Infection and Immunity</i> , 2006, 74, 4849-4855.  | 2.2 | 165       |
| 7  | An Updated Conceptual Model on the Pathogenesis of Bacterial Vaginosis. <i>Journal of Infectious Diseases</i> , 2019, 220, 1399-1405.  | 4.0 | 154       |
| 8  | Bacterial Vaginosis Biofilms: Challenges to Current Therapies and Emerging Solutions. <i>Frontiers in Microbiology</i> , 2015, 6, 1528.  | 3.5 | 125       |
| 9  | Susceptibility of <i>Staphylococcus epidermidis</i> planktonic cells and biofilms to the lytic action of staphylococcus bacteriophage K. <i>Letters in Applied Microbiology</i> , 2007, 45, 313-317.   | 2.2 | 113       |
| 10 | Molecular Basis for Preferential Protective Efficacy of Antibodies Directed to the Poorly Acetylated Form of Staphylococcal Poly- N -Acetyl- $\beta$ -(1-6)-Glucosamine. <i>Infection and Immunity</i> , 2007, 75, 3406-3413.  | 2.2 | 108       |
| 11 | Using an in-vitro biofilm model to assess the virulence potential of Bacterial Vaginosis or non-Bacterial Vaginosis <i>Gardnerella vaginalis</i> isolates. <i>Scientific Reports</i> , 2015, 5, 11640.   | 3.3 | 107       |
| 12 | Unveiling the role of <i>Gardnerella vaginalis</i> in polymicrobial Bacterial Vaginosis biofilms: the impact of other vaginal pathogens living as neighbors. <i>ISME Journal</i> , 2019, 13, 1306-1317.  | 9.8 | 105       |
| 13 | Comparative genomics of <i>Lactobacillus crispatus</i> suggests novel mechanisms for the competitive exclusion of <i>Gardnerella vaginalis</i> . <i>BMC Genomics</i> , 2014, 15, 1070.   | 2.8 | 101       |
| 14 | Interactions between <i>Lactobacillus crispatus</i> and Bacterial Vaginosis (BV)-Associated Bacterial Species in Initial Attachment and Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12004-12012.                               | 4.1 | 100       |
| 15 | Development of a Phage Cocktail to Control <i>Proteus mirabilis</i> Catheter-associated Urinary Tract Infections. <i>Frontiers in Microbiology</i> , 2016, 7, 1024.  | 3.5 | 100       |
| 16 | <i>Gardnerella vaginalis</i> Outcompetes 29 Other Bacterial Species Isolated From Patients With Bacterial Vaginosis, Using in an In Vitro Biofilm Formation Model. <i>Journal of Infectious Diseases</i> , 2014, 210, 593-596.                                       | 4.0 | 95        |
| 17 | Bacterial biofilms in the vagina. <i>Research in Microbiology</i> , 2017, 168, 865-874.  | 2.1 | 84        |
| 18 | Protection against <i>Escherichia coli</i> infection by antibody to the <i>Staphylococcus aureus</i> poly-N-acetylglucosamine surface polysaccharide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7528-7533. | 7.1 | 74        |

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|----|---|-----|-----------|
| 19 | Effects of Growth in the Presence of Subinhibitory Concentrations of Dicloxacillin on <i>Staphylococcus epidermidis</i> and <i>Staphylococcus haemolyticus</i> Biofilms. <i>Applied and Environmental Microbiology</i> , 2005, 71, 8677-8682. | 3.1 | 67        |
| 20 | Comparative transcriptomic analysis of <i>Gardnerella vaginalis</i> biofilms vs. planktonic cultures using RNA-seq. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 3.   | 6.4 | 66        |
| 21 | The relationship between inhibition of bacterial adhesion to a solid surface by sub-MICs of antibiotics and subsequent development of a biofilm. <i>Research in Microbiology</i> , 2005, 156, 650-655.  | 2.1 | 63        |
| 22 | Effect of growth conditions on poly-N-acetylglucosamine expression and biofilm formation in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2008, 283, 36-41.  | 1.8 | 63        |
| 23 | Reciprocal Interference between <i>Lactobacillus</i> spp. and <i>Gardnerella vaginalis</i> on Initial Adherence to Epithelial Cells. <i>International Journal of Medical Sciences</i> , 2013, 10, 1193-1198.                                  | 2.5 | 61        |
| 24 | Isolation and characterization of a new <i>Staphylococcus epidermidis</i> broad-spectrum bacteriophage. <i>Journal of General Virology</i> , 2014, 95, 506-515.   | 2.9 | 59        |
| 25 | Regulation of the Intercellular Adhesin Locus Regulator ( <i>icaR</i> ) by SarA, $\sigma^B$ , and IcaR in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2008, 190, 6530-6533.   | 2.2 | 58        |
| 26 | <i>Staphylococcus epidermidis</i> biofilms with higher proportions of dormant bacteria induce a lower activation of murine macrophages. <i>Journal of Medical Microbiology</i> , 2011, 60, 1717-1724.   | 1.8 | 55        |
| 27 | SYBR green as a fluorescent probe to evaluate the biofilm physiological state of <i>Staphylococcus epidermidis</i> , using flow cytometry. <i>Canadian Journal of Microbiology</i> , 2011, 57, 850-856.                                       | 1.7 | 49        |
| 28 | <i>Gardnerella</i> and vaginal health: the truth is out there. <i>FEMS Microbiology Reviews</i> , 2020, 44, 73-105.   | 8.6 | 49        |
| 29 | Silver(I) Coordination Polymers Immobilized into Biopolymer Films for Antimicrobial Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 12836-12844.  | 8.0 | 49        |
| 30 | Confocal laser scanning microscopy analysis of <i>S. epidermidis</i> biofilms exposed to farnesol, vancomycin and rifampicin. <i>BMC Research Notes</i> , 2012, 5, 244.   | 1.4 | 46        |
| 31 | Optimization of an automatic counting system for the quantification of <i>Staphylococcus epidermidis</i> cells in biofilms. <i>Journal of Basic Microbiology</i> , 2014, 54, 750-757.   | 3.3 | 46        |
| 32 | Compositional Analysis of Biofilms Formed by <i>Staphylococcus aureus</i> Isolated from Food Sources. <i>Frontiers in Microbiology</i> , 2016, 7, 390.  | 3.5 | 45        |
| 33 | Fluorescence in situ Hybridization method using Peptide Nucleic Acid probes for rapid detection of <i>Lactobacillus</i> and <i>Gardnerella</i> spp.. <i>BMC Microbiology</i> , 2013, 13, 82.  | 3.3 | 44        |
| 34 | Optimizing a qPCR Gene Expression Quantification Assay for <i>S. epidermidis</i> Biofilms: A Comparison between Commercial Kits and a Customized Protocol. <i>PLoS ONE</i> , 2012, 7, e37480.   | 2.5 | 42        |
| 35 | Genetic Heterogeneity and Taxonomic Diversity among <i>Gardnerella</i> Species. <i>Trends in Microbiology</i> , 2020, 28, 202-211.  | 7.7 | 41        |
| 36 | Effect of Farnesol on Structure and Composition of <i>Staphylococcus epidermidis</i> Biofilm Matrix. <i>Current Microbiology</i> , 2011, 63, 354-359.   | 2.2 | 38        |

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|----|---|-----|-----------|
| 37 | Staphylococcus epidermidis is largely dependent on iron availability to form biofilms. International Journal of Medical Microbiology, 2017, 307, 552-563.   | 3.6 | 38        |
| 38 | Gardnerella vaginalis Enhances Atopobium vaginae Viability in an in vitro Model. Frontiers in Cellular and Infection Microbiology, 2020, 10, 83.  | 3.9 | 38        |
| 39 | Influence of batch or fed-batch growth on Staphylococcus epidermidis biofilm formation. Letters in Applied Microbiology, 2004, 39, 420-424.   | 2.2 | 37        |
| 40 | <i>Listeria monocytogenes</i> and <i>Salmonella enterica</i> Enteritidis 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        |
| 41 | Staphylococcus aureus immunodominant surface antigen B is a cell-surface associated nucleic acid binding protein. BMC Microbiology, 2009, 9, 61.  | 3.3 | 35        |
| 42 | Comparison of RNA extraction methods from biofilm samples of Staphylococcus epidermidis. BMC Research Notes, 2011, 4, 572.  | 1.4 | 34        |
| 43 | Fluorescence in situ hybridization method using a peptide nucleic acid probe for identification of Lactobacillus spp. in milk samples. International Journal of Food Microbiology, 2013, 162, 64-70.  | 4.7 | 30        |
| 44 | Comparative evaluation of coagulase-negative staphylococci (CoNS) adherence to acrylic by a static method and a parallel-plate flow dynamic method. Research in Microbiology, 2004, 155, 755-760.   | 2.1 | 29        |
| 45 | Atopobium vaginae and Prevotella bivia Are Able to Incorporate and Influence Gene Expression in a Pre-Formed Gardnerella vaginalis Biofilm. Pathogens, 2021, 10, 247.   | 2.8 | 29        |
| 46 | Characterization of an in vitro fed-batch model to obtain cells released from S. epidermidis biofilms. AMB Express, 2016, 6, 23.  | 3.0 | 27        |
| 47 | Lactobacillus crispatus represses vaginolysin expression by BV associated Gardnerella vaginalis and reduces cell cytotoxicity. Anaerobe, 2018, 50, 60-63.   | 2.1 | 27        |
| 48 | Biofilm Formation of Multidrug-Resistant MRSA Strains Isolated from Different Types of Human Infections. Pathogens, 2021, 10, 970.  | 2.8 | 27        |
| 49 | Quantitative analysis of initial adhesion of bacterial vaginosis-associated anaerobes to ME-180 cells. Anaerobe, 2013, 23, 1-4.   | 2.1 | 26        |
| 50 | Evidence for inter- and intraspecies biofilm formation variability among a small group of coagulase-negative staphylococci. FEMS Microbiology Letters, 2015, 362, fnv175.   | 1.8 | 26        |
| 51 | Dormancy within Staphylococcus epidermidis biofilms: a transcriptomic analysis by RNA-seq. Applied Microbiology and Biotechnology, 2014, 98, 2585-2596.   | 3.6 | 25        |
| 52 | RNA-based qPCR as a tool to quantify and to characterize dual-species biofilms. Scientific Reports, 2019, 9, 13639.   | 3.3 | 25        |
| 53 | Strong enhancement of second harmonic generation in 2-methyl-4-nitroaniline nanofibers. Nanoscale, 2012, 4, 4978.   | 5.6 | 24        |
| 54 | Dormant bacteria within Staphylococcus epidermidis biofilms have low inflammatory properties and maintain tolerance to vancomycin and penicillin after entering planktonic growth. Journal of Medical Microbiology, 2014, 63, 1274-1283.        | 1.8 | 24        |

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|----|--|-----|-----------|
| 55 | BV and non-BV associated <i>Gardnerella vaginalis</i> establish similar synergistic interactions with other BV-associated microorganisms in dual-species biofilms. <i>Anaerobe</i> , 2015, 36, 56-59.      | 2.1 | 24        |
| 56 | In silico vs in vitro analysis of primer specificity for the detection of <i>Gardnerella vaginalis</i> , <i>Atopobium vaginae</i> and <i>Lactobacillus</i> spp.. <i>BMC Research Notes</i> , 2012, 5, 637. | 1.4 | 23        |
| 57 | Alterations in the <i>Staphylococcus epidermidis</i> biofilm transcriptome following interaction with whole human blood. <i>Pathogens and Disease</i> , 2014, 70, 444-448.                                 | 2.0 | 23        |
| 58 | Diagnosis of bacterial vaginosis by a new multiplex peptide nucleic acid fluorescence <i>in situ</i> hybridization method. <i>PeerJ</i> , 2015, 3, e780.   | 2.0 | 23        |
| 59 | <i>Thymra capitata</i> essential oil as potential therapeutic agent against <i>Gardnerella vaginalis</i> biofilm-related infections. <i>Future Microbiology</i> , 2017, 12, 407-416.                       | 2.0 | 23        |
| 60 | Comparative analysis between biofilm formation and gene expression in <i>Staphylococcus epidermidis</i> isolates. <i>Future Microbiology</i> , 2018, 13, 415-427.  | 2.0 | 23        |
| 61 | Farnesol as Antibiotics Adjuvant in <i>Staphylococcus epidermidis</i> Control In Vitro. <i>American Journal of the Medical Sciences</i> , 2011, 341, 191-195.  | 1.1 | 22        |
| 62 | <i>Escherichia coli</i> and <i>Enterococcus faecalis</i> are able to incorporate and enhance a pre-formed <i>Gardnerella vaginalis</i> biofilm. <i>Pathogens and Disease</i> , 2016, 74, ftw007.           | 2.0 | 22        |
| 63 | Characterization of <i>Staphylococcus epidermidis</i> phage $\nu$ B_SepS_SEP9 as a unique member of the Siphoviridae family. <i>Research in Microbiology</i> , 2014, 165, 679-685.                         | 2.1 | 21        |
| 64 | The Protective Effect of <i>Staphylococcus epidermidis</i> Biofilm Matrix against Phage Predation. <i>Viruses</i> , 2020, 12, 1076.  | 3.3 | 21        |
| 65 | Synergistic effects of carvacrol, $\alpha$ -terpinene, $\beta$ -terpinene, $\gamma$ -cymene and linalool against <i>Gardnerella</i> species. <i>Scientific Reports</i> , 2022, 12, 4417.                   | 3.3 | 21        |
| 66 | Proteomic profile of dormancy within <i>Staphylococcus epidermidis</i> biofilms using iTRAQ and label-free strategies. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2751-2762.                | 3.6 | 20        |
| 67 | Bacterial-Bacterial Cell Interactions in Biofilms: Detection of Polysaccharide Intercellular Adhesins by Blotting and Confocal Microscopy. , 2006, 341, 119-126.   |     | 19        |
| 68 | Monoclonal Antibody Raised against PNAG Has Variable Effects on Static <i>S. epidermidis</i> Biofilm Accumulation In Vitro. <i>International Journal of Biological Sciences</i> , 2013, 9, 518-520.        | 6.4 | 19        |
| 69 | An immunoproteomic approach for characterization of dormancy within <i>Staphylococcus epidermidis</i> biofilms. <i>Molecular Immunology</i> , 2015, 65, 429-435.   | 2.2 | 19        |
| 70 | Virulence Gene Expression by <i>Staphylococcus epidermidis</i> Biofilm Cells Exposed to Antibiotics. <i>Microbial Drug Resistance</i> , 2011, 17, 191-196.   | 2.0 | 18        |
| 71 | Tetracycline and rifampicin induced a viable but nonculturable state in <i>Staphylococcus epidermidis</i> biofilms. <i>Future Microbiology</i> , 2018, 13, 27-36.  | 2.0 | 18        |
| 72 | The Emerging Role of Iron Acquisition in Biofilm-Associated Infections. <i>Trends in Microbiology</i> , 2021, 29, 772-775.   | 7.7 | 18        |

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|----|--|-----|-----------|
| 73 | Rapid detection of urinary tract infections caused by <i>Proteus</i> spp. using PNA-FISH. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 781-786.  | 2.9 | 17        |
| 74 | Assessment of Sep1virus interaction with stationary cultures by transcriptional and flow cytometry studies. <i>FEMS Microbiology Ecology</i> , 2018, 94, .   | 2.7 | 17        |
| 75 | Controlled RNA contamination and degradation and its impact on qPCR gene expression in <i>S. epidermidis</i> biofilms. <i>Journal of Microbiological Methods</i> , 2013, 95, 195-200.  | 1.6 | 16        |
| 76 | Farnesol induces cell detachment from established <i>S. epidermidis</i> biofilms. <i>Journal of Antibiotics</i> , 2013, 66, 255-258.   | 2.0 | 16        |
| 77 | Sequence determinants for DNA packaging specificity in the <i>S. aureus</i> pathogenicity island SaPI1. <i>Plasmid</i> , 2014, 71, 8-15.   | 1.4 | 16        |
| 78 | <i>Staphylococcus epidermidis</i> Biofilm-Released Cells Induce a Prompt and More Marked In vivo Inflammatory-Type Response than Planktonic or Biofilm Cells. <i>Frontiers in Microbiology</i> , 2016, 7, 1530.                        | 3.5 | 16        |
| 79 | Proteome signatures—how are they obtained and what do they teach us?. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7417-7431.   | 3.6 | 15        |
| 80 | Crystal Violet Staining Alone Is Not Adequate to Assess Synergism or Antagonism in Multi-Species Biofilms of Bacteria Associated With Bacterial Vaginosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 795797. | 3.9 | 15        |
| 81 | Optimization of culture conditions for <i>Gardnerella vaginalis</i> biofilm formation. <i>Journal of Microbiological Methods</i> , 2015, 118, 143-146.   | 1.6 | 14        |
| 82 | Comparative proteomic and transcriptomic profile of <i>Staphylococcus epidermidis</i> biofilms grown in glucose-enriched medium. <i>Talanta</i> , 2015, 132, 705-712.  | 5.5 | 14        |
| 83 | <i>Gardnerella Vaginalis</i> Dominates Multi-Species Biofilms in both Pre-Conditioned and Competitive In Vitro Biofilm Formation Models. <i>Microbial Ecology</i> , 2022, 84, 1278-1287.   | 2.8 | 14        |
| 84 | Antibiotic resistance and biofilm formation ability among coagulase-negative staphylococci in healthy individuals from Portugal. <i>Journal of Antibiotics</i> , 2013, 66, 739-741.  | 2.0 | 13        |
| 85 | Evaluation of different culture media to support in vitro growth and biofilm formation of bacterial vaginosis-associated anaerobes. <i>PeerJ</i> , 2020, 8, e9917.   | 2.0 | 13        |
| 86 | Assessing and reducing sources of gene expression variability in <i>Staphylococcus epidermidis</i> biofilms. <i>BioTechniques</i> , 2014, 57, 295-301.   | 1.8 | 12        |
| 87 | Plasma is the main regulator of <i>Staphylococcus epidermidis</i> biofilms virulence genes transcription in human blood. <i>Pathogens and Disease</i> , 2016, 74, ftv125.  | 2.0 | 12        |
| 88 | Innate immune components affect growth and virulence traits of bacterial-vaginosis-associated and non-bacterial-vaginosis-associated <i>Gardnerella vaginalis</i> strains similarly. <i>Pathogens and Disease</i> , 2018, 76, .        | 2.0 | 12        |
| 89 | Dequalinium Chloride Effectively Disrupts Bacterial Vaginosis (BV) <i>Gardnerella</i> spp. Biofilms. <i>Pathogens</i> , 2021, 10, 261.   | 2.8 | 12        |
| 90 | Prevalence of bacterial vaginosis in Portuguese pregnant women and vaginal colonization by <i>Gardnerella vaginalis</i> . <i>PeerJ</i> , 2017, 5, e3750.   | 2.0 | 12        |

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|-----|--|-----|-----------|
| 91  | <i>In vitro</i> interactions within a biofilm containing three species found in bacterial vaginosis (BV) support the higher antimicrobial tolerance associated with BV recurrence. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 2183-2190. | 3.0 | 12        |
| 92  | Carvacrol is highly disruptive against coagulase-negative staphylococci in vitro biofilms. <i>Future Microbiology</i> , 2017, 12, 1487-1496.   | 2.0 | 11        |
| 93  | Self-assembling of Boc-p-nitro-L-phenylalanyl-p-nitro-L-phenylalanine and Boc-L-phenylalanyl-L-tyrosine in solution and into piezoelectric electrospun fibers. <i>Materials Advances</i> , 0, , .  | 5.4 | 11        |
| 94  | Influence of Sub-Inhibitory Concentrations of Antimicrobial Agents on Biofilm Formation in Indwelling Medical Devices. <i>International Journal of Artificial Organs</i> , 2005, 28, 1181-1185.  | 1.4 | 10        |
| 95  | Influence of anaerobic conditions on vaginal microbiota recovery from bacterial vaginosis patients. <i>Sexually Transmitted Infections</i> , 2013, 89, 307-307.  | 1.9 | 10        |
| 96  | Viable but non-cultivable state: a strategy for <i>Staphylococcus aureus</i> survivable in dual-species biofilms with <i>Pseudomonas aeruginosa</i> ?. <i>Environmental Microbiology</i> , 2021, 23, 5639-5649.  | 3.8 | 10        |
| 97  | Six Bacterial Vaginosis-Associated Species Can Form an In Vitro and Ex Vivo Polymicrobial Biofilm That Is Susceptible to <i>Thymra capitata</i> Essential Oil. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .                   | 3.9 | 10        |
| 98  | Modulation of poly-N-acetylglucosamine accumulation within mature <i>Staphylococcus epidermidis</i> biofilms grown in excess glucose. <i>Microbiology and Immunology</i> , 2011, 55, 673-682.  | 1.4 | 9         |
| 99  | Variability of RNA Quality Extracted from Biofilms of Foodborne Pathogens Using Different Kits Impacts mRNA Quantification by qPCR. <i>Current Microbiology</i> , 2012, 65, 54-59.   | 2.2 | 9         |
| 100 | Poly-N-Acetylglucosamine Production by <i>Staphylococcus epidermidis</i> Cells Increases Their <i>In Vivo</i> Proinflammatory Effect. <i>Infection and Immunity</i> , 2016, 84, 2933-2943.   | 2.2 | 9         |
| 101 | Fighting <i>Staphylococcus epidermidis</i> Biofilm-Associated Infections: Can Iron Be the Key to Success?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 798563.   | 3.9 | 9         |
| 102 | Polymicrobial infections and biofilms in women's health. <i>Research in Microbiology</i> , 2017, 168, 902-904.   | 2.1 | 8         |
| 103 | Transcriptomic Analysis of <i>Staphylococcus epidermidis</i> Biofilm-Released Cells upon Interaction with Human Blood Circulating Immune Cells and Soluble Factors. <i>Frontiers in Microbiology</i> , 2016, 7, 1143.                                  | 3.5 | 7         |
| 104 | Involvement of the Iron-Regulated Loci <i>ihfS</i> and <i>fhuC</i> in Biofilm Formation and Survival of <i>Staphylococcus epidermidis</i> within the Host. <i>Microbiology Spectrum</i> , 2022, 10, e0216821.  | 3.0 | 7         |
| 105 | Cells released from <i>S. epidermidis</i> biofilms present increased antibiotic tolerance to multiple antibiotics. <i>PeerJ</i> , 2019, 7, e6884.  | 2.0 | 6         |
| 106 | A New PNA-FISH Probe Targeting <i>Fannyhessea vaginae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 779376.  | 3.9 | 6         |
| 107 | Accurate qPCR quantification in polymicrobial communities requires assessment of gDNA extraction efficiency. <i>Journal of Microbiological Methods</i> , 2022, 194, 106421.  | 1.6 | 6         |
| 108 | Prevalence of <i>Gardnerella vaginalis</i> and <i>Atopobium vaginae</i> in Portuguese women and association with risk factors for bacterial vaginosis. <i>International Journal of Gynecology and Obstetrics</i> , 2014, 124, 178-179.                 | 2.3 | 5         |

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|-----|---|------|-----------|
| 109 | Multiplex Peptide Nucleic Acid Fluorescence In Situ Hybridization (PNA-FISH) for Diagnosis of Bacterial Vaginosis. <i>Methods in Molecular Biology</i> , 2017, 1616, 209-219.   | 0.9  | 5         |
| 110 | Siderophore-Mediated Iron Acquisition Plays a Critical Role in Biofilm Formation and Survival of <i>Staphylococcus epidermidis</i> Within the Host. <i>Frontiers in Medicine</i> , 2021, 8, 799227.   | 2.6  | 5         |
| 111 | Hybrid Silver(I)-Doped Soybean Oil and Potato Starch Biopolymer Films to Combat Bacterial Biofilms. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 25104-25114.  | 8.0  | 5         |
| 112 | Exploiting the Anti-Biofilm Effect of the Engineered Phage Endolysin PM-477 to Disrupt In Vitro Single- and Dual-Species Biofilms of Vaginal Pathogens Associated with Bacterial Vaginosis. <i>Antibiotics</i> , 2022, 11, 558.                     | 3.7  | 4         |
| 113 | Immunoreactive pattern of <i>Staphylococcus epidermidis</i> biofilm against human whole saliva. <i>Electrophoresis</i> , 2015, 36, 1228-1233.   | 2.4  | 3         |
| 114 | Could targeting neighboring bacterial populations help combat bacterial vaginosis?. <i>Future Microbiology</i> , 2019, 14, 365-368.   | 2.0  | 3         |
| 115 | New silver (thio)semicarbazide derivatives: synthesis, structural features, and antimicrobial activity. <i>New Journal of Chemistry</i> , 2020, 44, 10924-10932.  | 2.8  | 3         |
| 116 | codY and pdhA Expression Is Induced in <i>Staphylococcus epidermidis</i> Biofilm and Planktonic Populations With Higher Proportions of Viable but Non-Culturable Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 771666. | 3.9  | 3         |
| 117 | Thymra capitata essential oil has a significant antimicrobial activity against methicillin-resistant <i>Staphylococcus aureus</i> preformed biofilms. <i>Letters in Applied Microbiology</i> , 2022, , .  | 2.2  | 3         |
| 118 | Optimizing a reliable ex vivo human blood model to analyze expression of <i>Staphylococcus epidermidis</i> genes. <i>PeerJ</i> , 2020, 8, e9295.  | 2.0  | 2         |
| 119 | Addressing the challenges with bacterial vaginosis pharmacotherapy. <i>Expert Opinion on Pharmacotherapy</i> , 2023, 24, 11-13.   | 1.8  | 2         |
| 120 | Doctor's perception on bacterial vaginosis in Portugal: prevalence, diagnostic methods and choice of treatment. <i>Sexually Transmitted Infections</i> , 2012, 88, 421-421.   | 1.9  | 1         |
| 121 | Postdoc rights need not hurt productivity. <i>Nature</i> , 2016, 532, 441-441.  | 27.8 | 1         |
| 122 | Research problems in Portugal run deep. <i>Nature</i> , 2014, 507, 431-431.   | 27.8 | 0         |
| 123 | mazEF Homologue Has a Minor Role in <i>Staphylococcus epidermidis</i> 1457 Virulence Potential. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 803134.   | 3.9  | 0         |