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List of Publications by Year
in descending order

41 papers	991 citations	430874 18 h-index	454955 30 g-index
42 all docs	42 docs citations	42 times ranked	1385 citing authors

#	Article	IF	Citations
1	Using an in-vitro biofilm model to assess the virulence potential of Bacterial Vaginosis or non-Bacterial Vaginosis Gardnerella vaginalis isolates. Scientific Reports, 2015, 5, 11640.	3.3	107
2	Macrophage scavenger receptor A mediates the uptake of gold colloids by macrophages in vitro. Nanomedicine, 2011, 6, 1175-1188.	3.3	88
3	Virulence Factors in Coagulase-Negative Staphylococci. Pathogens, 2021, 10, 170.	2.8	73
4	Comparative transcriptomic analysis of Gardnerella vaginalis biofilms vs. planktonic cultures using RNA-seq. Npj Biofilms and Microbiomes, 2017, 3, 3.	6.4	66
5	Sterilization Matters: Consequences of Different Sterilization Techniques on Gold Nanoparticles. Small, 2010, 6, 89-95.	10.0	65
6	Staphylococcus epidermidis biofilms with higher proportions of dormant bacteria induce a lower activation of murine macrophages. Journal of Medical Microbiology, 2011, 60, 1717-1724.	1.8	55
7	Optimizing a qPCR Gene Expression Quantification Assay for S. epidermidis Biofilms: A Comparison between Commercial Kits and a Customized Protocol. PLoS ONE, 2012, 7, e37480.	2.5	42
8	Staphylococcus epidermidis is largely dependent on iron availability to form biofilms. International Journal of Medical Microbiology, 2017, 307, 552-563.	3.6	38
9	Comparison of RNA extraction methods from biofilm samples of Staphylococcus epidermidis. BMC Research Notes, 2011, 4, 572.	1.4	34
10	Characterization of an in vitro fed-batch model to obtain cells released from S. epidermidis biofilms. AMB Express, 2016, 6, 23.	3.0	27
11	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
12	Dormancy within Staphylococcus epidermidis biofilms: a transcriptomic analysis by RNA-seq. Applied Microbiology and Biotechnology, 2014, 98, 2585-2596.	3.6	25
13	RNA-based qPCR as a tool to quantify and to characterize dual-species biofilms. Scientific Reports, 2019, 9, 13639.	3.3	25
14	Leukocyte populations and cytokine expression in the mammary gland in a mouse model of Streptococcus agalactiae mastitis. Journal of Medical Microbiology, 2009, 58, 951-958.	1.8	24
15	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
16	Alterations in theStaphylococcus epidermidisbiofilm transcriptome following interaction with whole human blood. Pathogens and Disease, 2014, 70, 444-448.	2.0	23
17	Comparative analysis between biofilm formation and gene expression in Staphylococcus epidermidis isolates. Future Microbiology, 2018, 13, 415-427.	2.0	23
18	Monoclonal Antibody Raised against PNAG Has Variable Effects on Static S. epidermidis Biofilm Accumulation In Vitro. International Journal of Biological Sciences, 2013, 9, 518-520.	6.4	19

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19	Assessment of Sep1virus interaction with stationary cultures by transcriptional and flow cytometry studies. FEMS Microbiology Ecology, 2018, 94, .	2.7	17
20	Farnesol induces cell detachment from established S. epidermidis biofilms. Journal of Antibiotics, 2013, 66, 255-258.	2.0	16
21	Staphylococcus epidermidis Biofilm-Released Cells Induce a Prompt and More Marked In vivo Inflammatory-Type Response than Planktonic or Biofilm Cells. Frontiers in Microbiology, 2016, 7, 1530.	3.5	16
22	Comparative proteomic and transcriptomic profile of Staphylococcus epidermidis biofilms grown in glucose-enriched medium. Talanta, 2015, 132, 705-712.	5.5	14
23	Gardnerella Vaginalis Dominates Multi-Species Biofilms in both Pre-Conditioned and Competitive In Vitro Biofilm Formation Models. Microbial Ecology, 2022, 84, 1278-1287.	2.8	14
24	Assessing and reducing sources of gene expression variability in Staphylococcus epidermidis biofilms. BioTechniques, 2014, 57, 295-301.	1.8	12
25	Plasma is the main regulator ofStaphylococcus epidermidisbiofilms virulence genes transcription in human blood. Pathogens and Disease, 2016, 74, ftv125.	2.0	12
26	In vitro interactions within a biofilm containing three species found in bacterial vaginosis (BV) support the higher antimicrobial tolerance associated with BV recurrence. Journal of Antimicrobial Chemotherapy, 2022, 77, 2183-2190.	3.0	12
27	Carvacrol is highly disruptive against coagulase-negative staphylococci inin vitrobiofilms. Future Microbiology, 2017, 12, 1487-1496.	2.0	11
28	Viable but nonâ€cultivable state: a strategy for <scp>Staphylococcus aureus</scp> survivable in dualâ€species biofilms with <scp>Pseudomonas aeruginosa</scp>?. Environmental Microbiology, 2021, 23, 5639-5649.	3.8	10
29	Six Bacterial Vaginosis-Associated Species Can Form an In Vitro and Ex Vivo Polymicrobial Biofilm That Is Susceptible to Thymbra capitata Essential Oil. Frontiers in Cellular and Infection Microbiology, 2022, 12, .	3.9	10
30	Modulation of polyâ€Nâ€acetylglucosamine accumulation within mature Staphylococcus epidermidis biofilms grown in excess glucose. Microbiology and Immunology, 2011, 55, 673-682.	1.4	9
31	Variability of RNA Quality Extracted from Biofilms of Foodborne Pathogens Using Different Kits Impacts mRNA Quantification by qPCR. Current Microbiology, 2012, 65, 54-59.	2.2	9
32	Poly- N -Acetylglucosamine Production by Staphylococcus epidermidis Cells Increases Their In Vivo Proinflammatory Effect. Infection and Immunity, 2016, 84, 2933-2943.	2.2	9
33	Transcriptomic Analysis of Staphylococcus epidermidis Biofilm-Released Cells upon Interaction with Human Blood Circulating Immune Cells and Soluble Factors. Frontiers in Microbiology, 2016, 7, 1143.	3.5	7
34	A New PNA-FISH Probe Targeting Fannyhessea vaginae. Frontiers in Cellular and Infection Microbiology, 2021, 11, 779376.	3.9	6
35	Accurate qPCR quantification in polymicrobial communities requires assessment of gDNA extraction efficiency. Journal of Microbiological Methods, 2022, 194, 106421.	1.6	6
36	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. Antibiotics, 2022, 11, 558.	3.7	4

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37	New silver (thio)semicarbazide derivatives: synthesis, structural features, and antimicrobial activity. New Journal of Chemistry, 2020, 44, 10924-10932.	2.8	3
38	codY and pdhA Expression Is Induced in Staphylococcus epidermidis Biofilm and Planktonic Populations With Higher Proportions of Viable but Non-Culturable Cells. Frontiers in Cellular and Infection Microbiology, 2021, 11, 771666.	3.9	3
39	Optimizing a reliable ex vivo human blood model to analyze expression of Staphylococcus epidermidis genes. PeerJ, 2020, 8, e9295.	2.0	2
40	Sterilization Case Study 1: Effects of Different Sterilization Techniques on Gold Nanoparticles. Frontiers in Nanobiomedical Research, 2016, , 77-92.	0.1	0
41	mazEF Homologue Has a Minor Role in Staphylococcus epidermidis 1457 Virulence Potential. Frontiers in Cellular and Infection Microbiology, 2021, 11, 803134.	3.9	0