

Joana Castro

List of Publications by Year in descending order

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27
papers

1,043
citations

586496

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#	ARTICLE	IF	CITATIONS
1	Gardnerella Vaginalis Dominates Multi-Species Biofilms in both Pre-Conditioned and Competitive In Vitro Biofilm Formation Models. <i>Microbial Ecology</i> , 2022, 84, 1278-1287.	1.4	14
2	Synergistic effects of carvacrol, α -terpinene, β -terpinene, γ -cymene and linalool against Gardnerella species. <i>Scientific Reports</i> , 2022, 12, 4417.	1.6	21
3	<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.	1.3	12
4	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.	1.5	4
5	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, .	1.8	10
6	<i>Atopobium vaginae</i> and <i>Prevotella bivia</i> Are Able to Incorporate and Influence Gene Expression in a Pre-Formed <i>Gardnerella vaginalis</i> Biofilm. <i>Pathogens</i> , 2021, 10, 247.	1.2	29
7	A New PNA-FISH Probe Targeting <i>Fannyhessea vaginae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 779376.	1.8	6
8	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.	1.8	15
9	<i>Gardnerella</i> and vaginal health: the truth is out there. <i>FEMS Microbiology Reviews</i> , 2020, 44, 73-105.	3.9	49
10	Genetic Heterogeneity and Taxonomic Diversity among Gardnerella Species. <i>Trends in Microbiology</i> , 2020, 28, 202-211.	3.5	41
11	<i>Gardnerella vaginalis</i> Enhances <i>Atopobium vaginae</i> Viability in an in vitro Model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 83.	1.8	38
12	Evaluation of different culture media to support in vitro growth and biofilm formation of bacterial vaginosis-associated anaerobes. <i>PeerJ</i> , 2020, 8, e9917.	0.9	13
13	The Utilization of Essential Oils to Treat Biofilm-Associated Vaginal Infections. , 2020, , 395-420.		0
14	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.	4.4	105
15	<i>Lactobacillus crispatus</i> represses vaginolysin expression by BV associated <i>Gardnerella vaginalis</i> and reduces cell cytotoxicity. <i>Anaerobe</i> , 2018, 50, 60-63.	1.0	27
16	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, .	0.8	12
17	Comparative transcriptomic analysis of <i>Gardnerella vaginalis</i> biofilms vs. planktonic cultures using RNA-seq. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 3.	2.9	66
18	Prevalence of bacterial vaginosis in Portuguese pregnant women and vaginal colonization by <i>Gardnerella vaginalis</i> . <i>PeerJ</i> , 2017, 5, e3750.	0.9	12

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19	<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.	0.8	22
20	Diagnosis of bacterial vaginosis by a new multiplex peptide nucleic acid fluorescence in situ hybridization method. <i>PeerJ</i> , 2015, 3, e780.	0.9	23
21	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.	1.6	107
22	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.	1.0	24
23	Bacterial Vaginosis Biofilms: Challenges to Current Therapies and Emerging Solutions. <i>Frontiers in Microbiology</i> , 2015, 6, 1528.	1.5	125
24	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.	1.2	101
25	<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.	1.9	95
26	Influence of anaerobic conditions on vaginal microbiota recovery from bacterial vaginosis patients. <i>Sexually Transmitted Infections</i> , 2013, 89, 307-307.	0.8	10
27	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.	1.1	61