

Ana Margarida Sousa

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

516
citations

1039880

9
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pseudomonas aeruginosa</i> Diversification during Infection Development in Cystic Fibrosis Lungs – A Review. <i>Pathogens</i> , 2014, 3, 680-703.	1.2	231
2	Improvements on colony morphology identification towards bacterial profiling. <i>Journal of Microbiological Methods</i> , 2013, 95, 327-335.	0.7	53
3	Adaptive response of single and binary <i>Pseudomonas aeruginosa</i> and <i>Escherichia coli</i> biofilms to benzalkonium chloride. <i>Journal of Basic Microbiology</i> , 2012, 52, 43-52.	1.8	44
4	Effect of antimicrobial residues on early adhesion and biofilm formation by wild-type and benzalkonium chloride-adapted <i>Pseudomonas aeruginosa</i> . <i>Biofouling</i> , 2011, 27, 1151-1159.	0.8	36
5	Antimicrobial resistance three ways: healthcare crisis, major concepts and the relevance of biofilms. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	34
6	Heteroresistance to colistin in <i>Klebsiella pneumoniae</i> is triggered by small colony variants sub-populations within biofilms. <i>Pathogens and Disease</i> , 2016, 74, ftw036.	0.8	28
7	MorphoCol: An ontology-based knowledgebase for the characterisation of clinically significant bacterial colony morphologies. <i>Journal of Biomedical Informatics</i> , 2015, 55, 55-63.	2.5	17
8	Fostering Innovation in the Treatment of Chronic Polymicrobial Cystic Fibrosis-Associated Infections Exploring Aspartic Acid and Succinic Acid as Ciprofloxacin Adjuvants. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 441.	1.8	14
9	Discerning the role of polymicrobial biofilms in the ascent, prevalence, and extent of heteroresistance in clinical practice. <i>Critical Reviews in Microbiology</i> , 2021, 47, 162-191.	2.7	14
10	Unveiling the early events of <i>Pseudomonas aeruginosa</i> adaptation in cystic fibrosis airway environment using a long-term in vitro maintenance. <i>International Journal of Medical Microbiology</i> , 2018, 308, 1053-1064.	1.5	11
11	Role of <i>bolA</i> and <i>rpoS</i> genes in biofilm formation and adherence pattern by <i>Escherichia coli</i> K-12 MG1655 on polypropylene, stainless steel, and silicone surfaces. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2017, 64, 179-189.	0.4	10
12	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.	1.8	10
13	Long-term coexistence of <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> using an in vitro cystic fibrosis model. <i>Future Microbiology</i> , 2021, 16, 879-893.	1.0	4
14	Computational approaches to standard-compliant biofilm data for reliable analysis and integration. <i>Journal of Integrative Bioinformatics</i> , 2012, 9, 57-68.	1.0	3
15	A new approach to bacterial colony morphotyping by matrix-assisted laser desorption ionization time of flight-based mass spectrometry. <i>Talanta</i> , 2013, 116, 100-107.	2.9	3
16	A harmonised vocabulary for communicating and interchanging Biofilms experimental results. <i>Journal of Integrative Bioinformatics</i> , 2014, 11, 32-47.	1.0	2
17	Computational approaches to standard-compliant biofilm data for reliable analysis and integration. <i>Journal of Integrative Bioinformatics</i> , 2012, 9, 203.	1.0	2
18	Designing an Ontology Tool for the Unification of Biofilms Data. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 41-48.	0.5	0

#	ARTICLE	IF	CITATIONS
19	An harmonised vocabulary for communicating and interchanging biofilms experimental results. Journal of Integrative Bioinformatics, 2014, 11, 249.	1.0	0