Sofia Costa-de-Oliveira

List of Publications by Year
in descending order

49 papers	1,926 citations	218677 26 h-index	254184 43 g-index
51 all docs	51 docs citations	51 times ranked	2470 citing authors

#	Article	IF	Citations
1	Antifungal activity of Thymus oils and their major compounds. Journal of the European Academy of Dermatology and Venereology, 2004, 18, 73-78.	2.4	308
2	Antifungal activity of the essential oil of Thymus pulegioides on Candida, Aspergillus and dermatophyte species. Journal of Medical Microbiology, 2006, 55, 1367-1373.	1.8	249
3	Cytometric approach for a rapid evaluation of susceptibility of Candida strains to antifungals. Clinical Microbiology and Infection, 2001, 7, 609-618.	6.0	117
4	Candida albicans Antifungal Resistance and Tolerance in Bloodstream Infections: The Triad Yeast-Host-Antifungal. Microorganisms, 2020, 8, 154.	3.6	103
5	Potent synergic effect between ibuprofen and azoles on Candida resulting from blockade of efflux pumps as determined by FUN-1 staining and flow cytometry. Journal of Antimicrobial Chemotherapy, 2005, 56, 678-685.	3.0	75
6	A first Portuguese epidemiological survey of fungaemia in a university hospital. European Journal of Clinical Microbiology and Infectious Diseases, 2008, 27, 365-374.	2.9	74
7	Chemical Composition and Antifungal Activity of the Essential Oil ofThymbra capitata. Planta Medica, 2004, 70, 572-575.	1.3	71
8	Chemical Composition and Antifungal Activity of the Essential Oil ofOriganum virensonCandidaSpecies. Planta Medica, 2003, 69, 871-874.	1.3	51
9	Ibuprofen reverts antifungal resistance onCandida albicansshowing overexpression of CDR genes. FEMS Yeast Research, 2009, 9, 618-625.	2.3	51
10	Safe susceptibility testing of Mycobacterium tuberculosis by flow cytometry with the fluorescent nucleic acid stain SYTO 16. Journal of Medical Microbiology, 2005, 54, 77-81.	1.8	49
11	Multiplex PCR identification of eight clinically relevantCandidaspecies. Medical Mycology, 2007, 45, 619-627.	0.7	48
12	Comparison of Two Probes for Testing Susceptibilities of Pathogenic Yeasts to Voriconazole, Itraconazole, and Caspofungin by Flow Cytometry. Journal of Clinical Microbiology, 2005, 43, 4674-4679.	3.9	47
13	Determination of chitin content in fungal cell wall: An alternative flow cytometric method. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 324-328.	1.5	47
14	Urinary Tract Infections in Kidney Transplant Patients Due to Escherichia coli and Klebsiella pneumoniae-Producing Extended-Spectrum Î²-Lactamases: Risk Factors and Molecular Epidemiology. PLoS ONE, 2015, 10, e0134737.	2.5	45
15	Anti-<i>Candida</i> Activity of a Chitosan Hydrogel: Mechanism of Action and Cytotoxicity Profile. Gynecologic and Obstetric Investigation, 2010, 70, 322-327.	1.6	42
16	Species distribution and in vitro antifungal susceptibility profiles of yeast isolates from invasive infections during a Portuguese multicenter survey. European Journal of Clinical Microbiology and Infectious Diseases, 2014, 33, 2241-2247.	2.9	42
17	Expression of Plasma Coagulase among Pathogenic Candida Species. Journal of Clinical Microbiology, 2003, 41, 5792-5793.	3.9	32
18	FKS2 Mutations Associated with Decreased Echinocandin Susceptibility of Candida glabrata following Anidulafungin Therapy. Antimicrobial Agents and Chemotherapy, 2011, 55, 1312-1314.	3.2	32

#	Article	IF	Citations
19	Clotrimazole Drug Resistance in Candida glabrata Clinical Isolates Correlates with Increased Expression of the Drug:H+ Antiporters CgAqr1, CgTpo1_1, CgTpo3, and CgQdr2. Frontiers in Microbiology, 2016, 7, 526.	3.5	32
20	Susceptibility to fluconazole of Candida clinical isolates determined by FUN-1 staining with flow cytometry and epifluorescence microscopy. Journal of Medical Microbiology, 2001, 50, 375-382.	1.8	31
21	Dynamics ofin vitroÃ¢Â€Âƒacquisition of resistance byCandida parapsilosisto different azoles. FEMS Yeast Research, 2009, 9, 626-633.	2.3	29
22	Ibuprofen Potentiates the In Vivo Antifungal Activity of Fluconazole against Candida albicans Murine Infection. Antimicrobial Agents and Chemotherapy, 2015, 59, 4289-4292.	3.2	29
23	Novel Method Using a Laser Scanning Cytometer for Detection of Mycobacteria in Clinical Samples. Journal of Clinical Microbiology, 2004, 42, 906-908.	3.9	27
24	A flow cytometric protocol for detection of Cryptosporidium spp.. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 44-47.	1.5	27
25	Fungal infections after haematology unit renovation: evidence of clinical, environmental and economical impact. European Journal of Haematology, 2008, 80, 436-443.	2.2	27
26	Optimization of a flow cytometry protocol for detection and viability assessment of Giardia lamblia. Travel Medicine and Infectious Disease, 2008, 6, 234-239.	3.0	26
27	Potential Impact of Flow Cytometry Antimicrobial Susceptibility Testing on the Clinical Management of Gram-Negative Bacteremia Using the FASTinovÂ® Kit. Frontiers in Microbiology, 2017, 8, 2455.	3.5	23
28	Virulence Attenuation of Candida albicans Genetic Variants Isolated from a Patient with a Recurrent Bloodstream Infection. PLoS ONE, 2010, 5, e10155.	2.5	22
29	The Impact of Angiotensin-Converting Enzyme 2 (ACE2) Expression Levels in Patients with Comorbidities on COVID-19 Severity: A Comprehensive Review. Microorganisms, 2021, 9, 1692.	3.6	22
30	An alternative respiratory pathway on Candida krusei: implications on susceptibility profile and oxidative stress. FEMS Yeast Research, 2012, 12, 423-429.	2.3	19
31	Rapid Flow Cytometry Test for Identification of Different Carbapenemases in Enterobacteriaceae. Antimicrobial Agents and Chemotherapy, 2016, 60, 3824-3826.	3.2	12
32	A new method for the detection of Pneumocystis jirovecii using flow cytometry. European Journal of Clinical Microbiology and Infectious Diseases, 2010, 29, 1147-1152.	2.9	10
33	Candida krusei reservoir in a neutropaenia unit: molecular evidence of a foe?. Clinical Microbiology and Infection, 2011, 17, 259-263.	6.0	9
34	New Insights Regarding Yeast Survival following Exposure to Liposomal Amphotericin B. Antimicrobial Agents and Chemotherapy, 2015, 59, 6181-6187.	3.2	9
35	Genetic relatedness and antifungal susceptibility profile ofCandida albicansisolates from fungaemia patients. Medical Mycology, 2011, 49, 248-252.	0.7	8
36	Evaluating the resistance to posaconazole by E-test and CLSI broth microdilution methodologies of Candida spp. and pathogenic moulds. European Journal of Clinical Microbiology and Infectious Diseases, 2009, 28, 1137-1140.	2.9	7

#	Article	IF	Citations
37	Discrimination of clinically relevant Candida species by Fourier-transform infrared spectroscopy with attenuated total reflectance (FTIR-ATR). RSC Advances, 2016, 6, 92065-92072.	3.6	7
38	Propofol lipidic infusion promotes resistance to antifungals by reducing drug input into the fungal cell. BMC Microbiology, 2008, 8, 9.	3.3	6
39	Detection of Legionella pneumophila on clinical samples and susceptibility assessment by flow cytometry. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 3351-3357.	2.9	6
40	FKS1 mutation associated with decreased echinocandin susceptibility of Aspergillus fumigatus following anidulafungin exposure. Scientific Reports, 2020, 10, 11976.	3.3	6
41	A Flow Cytometric and Computational Approaches to Carbapenems Affinity to the Different Types of Carbapenemases. Frontiers in Microbiology, 2016, 7, 1259.	3.5	5
42	Species Distribution and Antifungal Susceptibility Profiles of Isolates from Women with Nonrecurrent and Recurrent Vulvovaginal Candidiasis. Microbial Drug Resistance, 2021, 27, 1087-1095.	2.0	5
43	Colonization of central venous catheters in intensive care patients: A 1-year survey in a Portuguese university hospital. American Journal of Infection Control, 2010, 38, 83-84.	2.3	4
44	Assessing the impact of Medical Microbiology classes using active strategies on short- and long-term retention on medical students: an innovative study. Brazilian Journal of Microbiology, 2019, 50, 165-173.	2.0	3
45	Specific Detection of Pneumocystis jirovecii in Clinical Samples by Flow Cytometry. Methods in Molecular Biology, 2013, 968, 203-211.	0.9	3
46	Flow Cytometry in Microbiology: The Reason and the Need. Series in Bioengineering, 2017, , 153-170.	0.6	3
47	P556 Optimisation of afiow cytometry protocol for detection of Cryptosporidium parvum in hospital tap water and human stools. International Journal of Antimicrobial Agents, 2007, 29, S125.	2.5	1
48	Single Cell Analysis. Series in Bioengineering, 2017, , .	0.6	1
49	P1961 Effects of vasoactive amines and albumin upon yeast susceptibility to antifungals. International Journal of Antimicrobial Agents, 2007, 29, S564.	2.5	0