Accio G. Rodrigues

List of Publications by Citations

133 papers	4,099 citations	35 h-index	59 g-index
140 ext. papers	4,714 ext. citations	4.4 avg, IF	5.26 L-index

#	Paper	IF	Citations
133	A validated 1H NMR method for the determination of the degree of deacetylation of chitosan. *Journal of Pharmaceutical and Biomedical Analysis*, **2003**, 32, 1149-58	3.5	451
132	Antifungal activity of Thymus oils and their major compounds. *Journal of the European Academy of Dermatology and Venereology*, **2004**, 18, 73-8	4.6	247
131	Antifungal activity of the essential oil of Thymus pulegioides on Candida, Aspergillus and dermatophyte species. *Journal of Medical Microbiology*, **2006**, 55, 1367-1373	3.2	202
130	Adhesion, biofilm formation, cell surface hydrophobicity, and antifungal planktonic susceptibility: relationship among Candida spp. *Frontiers in Microbiology*, **2015**, 6, 205	5.7	110
129	New microsatellite multiplex PCR for Candida albicans strain typing reveals microevolutionary changes. *Journal of Clinical Microbiology*, **2005**, 43, 3869-76	9.7	108
128	Cytometric approach for a rapid evaluation of susceptibility of Candida strains to antifungals. *Clinical Microbiology and Infection*, **2001**, 7, 609-18	9.5	95
127	Prevalence, distribution, and antifungal susceptibility profiles of Candida parapsilosis, C. orthopsilosis, and C. metapsilosis in a tertiary care hospital. *Journal of Clinical Microbiology*, **2009**, 47, 2392-7	9.7	94
126	Antifungal activity of ibuprofen alone and in combination with fluconazole against Candida species. *Journal of Medical Microbiology*, **2000**, 49, 831-840	3.2	82
125	Variability of germinative potential among pathogenic species of Aspergillus. *Journal of Clinical Microbiology*, **2004**, 42, 4335-7	9.7	80
124	Antifungal activity of local anesthetics against Candida species. *Infectious Diseases in Obstetrics and Gynecology*, **2000**, 8, 124-37	2.4	71
123	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, 678-85	5.1	66
122	A first Portuguese epidemiological survey of fungaemia in a university hospital. *European Journal of Clinical Microbiology and Infectious Diseases*, **2008**, 27, 365-74	5.3	65
121	Candida albicans CUG mistranslation is a mechanism to create cell surface variation. *MBio*, **2013**, 4,	7.8	63
120	Genesis of Azole Antifungal Resistance from Agriculture to Clinical Settings. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 7463-8	5.7	61
119	Transcriptional profiling of azole-resistant Candida parapsilosis strains. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 3546-56	5.9	60
118	Chemical composition and antifungal activity of the essential oil of Thymbra capitata. *Planta Medica* , **2004**, 70, 572-5	3.1	59
117	Long-term follow-up of breast capsule contracture rates in cosmetic and reconstructive cases. *Plastic and Reconstructive Surgery*, **2010**, 126, 769-778	2.7	57

116	Cerium, chitosan and hamamelitannin as novel biofilm inhibitors?. *Journal of Antimicrobial Chemotherapy*, **2012**, 67, 1159-62	5.1	52
115	Polyethyleneimine and polyethyleneimine-based nanoparticles: novel bacterial and yeast biofilm inhibitors. *Journal of Medical Microbiology*, **2014**, 63, 1167-1173	3.2	51
114	In vivo antibiofilm effect of cerium, chitosan and hamamelitannin against usual agents of catheter-related bloodstream infections. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 126-30	5.1	51
113	Susceptibility of environmental versus clinical strains of pathogenic Aspergillus. *International Journal of Antimicrobial Agents*, **2007**, 29, 108-11	14.3	48
112	The anti-Candida activity of Thymbra capitata essential oil: effect upon pre-formed biofilm. *Journal of Ethnopharmacology*, **2012**, 140, 379-83	5	46
111	Comparison of two probes for testing susceptibilities of pathogenic yeasts to voriconazole, itraconazole, and caspofungin by flow cytometry. *Journal of Clinical Microbiology*, **2005**, 43, 4674-9	9.7	44
110	Anti-Candida activity of essential oils. *Mini-Reviews in Medicinal Chemistry*, **2009**, 9, 1292-1305	3.2	43
109	Development of cross-resistance by Aspergillus fumigatus to clinical azoles following exposure to prochloraz, an agricultural azole. *BMC Microbiology*, **2014**, 14, 155	4.5	42
108	Infectious balanoposthitis: management, clinical and laboratory features. *International Journal of Dermatology*, **2009**, 48, 121-4	1.7	42
107	Air filtration systems and restrictive access conditions improve indoor air quality in clinical units: Penicillium as a general indicator of hospital indoor fungal levels. *American Journal of Infection Control*, **2008**, 36, 129-34	3.8	41
106	Anti-biofilm activity of low-molecular weight chitosan hydrogel against Candida species. *Medical Microbiology and Immunology*, **2014**, 203, 25-33	4	40
105	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**, 83, 324-8	4.6	40
104	Ibuprofen reverts antifungal resistance on Candida albicans showing overexpression of CDR genes. *FEMS Yeast Research*, **2009**, 9, 618-25	3.1	40
103	Antifungal Resistance and Tolerance in Bloodstream Infections: The Triad Yeast-Host-Antifungal. *Microorganisms*, **2020**, 8,	4.9	39
102	Multiplex PCR identification of eight clinically relevant Candida species. *Medical Mycology*, **2007**, 45, 619-27	3.9	38
101	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	3.2	38
100	Urinary Tract Infections in Kidney Transplant Patients Due to Escherichia coli and Klebsiella pneumoniae-Producing Extended-Spectrum β-Lactamases: Risk Factors and Molecular Epidemiology. *PLoS ONE*, **2015**, 10, e0134737	3.7	36
99	A novel flow cytometric assay for rapid detection of extended-spectrum beta-lactamases. *Clinical Microbiology and Infection*, **2013**, 19, E8-E15	9.5	35

98	Malassezia infections: a medical conundrum. *Journal of the American Academy of Dermatology*, **2014**, 71, 170-6	4.5	35
97	Anti-Candida activity of a chitosan hydrogel: mechanism of action and cytotoxicity profile. *Gynecologic and Obstetric Investigation*, **2010**, 70, 322-7	2.5	35
96	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, 2241-7	5.3	33
95	The effect of antibacterial and non-antibacterial compounds alone or associated with antifugals upon fungi. *Frontiers in Microbiology*, **2015**, 6, 669	5.7	30
94	In vivo and in vitro acquisition of resistance to voriconazole by Candida krusei. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 4604-11	5.9	28
93	Fluconazole and Voriconazole Resistance in Candida parapsilosis Is Conferred by Gain-of-Function Mutations in MRR1 Transcription Factor Gene. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 6629-33	5.9	27
92	Simple and highly discriminatory microsatellite-based multiplex PCR for Aspergillus fumigatus strain typing. *Clinical Microbiology and Infection*, **2009**, 15, 260-6	9.5	27
91	FKS2 mutations associated with decreased echinocandin susceptibility of Candida glabrata following anidulafungin therapy. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 1312-4	5.9	27
90	A fast, practical and reproducible procedure for the standardization of the cell density of an Aspergillus suspension. *Journal of Medical Microbiology*, **2004**, 53, 783-786	3.2	27
89	Impact of ERG3 mutations and expression of ergosterol genes controlled by UPC2 and NDT80 in Candida parapsilosis azole resistance. *Clinical Microbiology and Infection*, **2017**, 23, 575.e1-575.e8	9.5	26
88	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	3.2	26
87	Synergistic antimicrobial action of chlorhexidine and ozone in endodontic treatment. *BioMed Research International*, **2014**, 2014, 592423	3	25
86	Dynamics of in vitro acquisition of resistance by Candida parapsilosis to different azoles. *FEMS Yeast Research*, **2009**, 9, 626-33	3.1	25
85	Novel method using a laser scanning cytometer for detection of mycobacteria in clinical samples. *Journal of Clinical Microbiology*, **2004**, 42, 906-8	9.7	25
84	Is the lack of concurrence of bacterial vaginosis and vaginal candidosis explained by the presence of bacterial amines?. *American Journal of Obstetrics and Gynecology*, **1999**, 181, 367-70	6.4	25
83	A flow cytometric protocol for detection of Cryptosporidium spp. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2008**, 73, 44-7	4.6	24
82	Expression of plasma coagulase among pathogenic Candida species. *Journal of Clinical Microbiology*, **2003**, 41, 5792-3	9.7	24
81	Candida balanitis: risk factors. *Journal of the European Academy of Dermatology and Venereology*, **2010**, 24, 820-6	4.6	23

80	Fungal infections after haematology unit renovation: evidence of clinical, environmental and economical impact. *European Journal of Haematology*, **2008**, 80, 436-43	3.8	23
79	Optimization of a flow cytometry protocol for detection and viability assessment of Giardia lamblia. *Travel Medicine and Infectious Disease*, **2008**, 6, 234-9	8.4	23
78	Evaluation of antifungal susceptibility using flow cytometry. *Methods in Molecular Biology*, **2010**, 638, 281-9	1.4	22
77	Extended-spectrum β-lactamases of Escherichia coli and Klebsiella pneumoniae screened by the VITEK 2 system. *Journal of Medical Microbiology*, **2011**, 60, 756-760	3.2	22
76	Environmental azole fungicide, prochloraz, can induce cross-resistance to medical triazoles in Candida glabrata. *FEMS Yeast Research*, **2014**, 14, 1119-23	3.1	21
75	Ibuprofen potentiates the in vivo antifungal activity of fluconazole against Candida albicans murine infection. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 4289-92	5.9	21
74	The impact of triamcinolone acetonide in early breast capsule formation in a rabbit model. *Aesthetic Plastic Surgery*, **2012**, 36, 986-94	2	21
73	Candidemia in burn patients: figures and facts. *Journal of Trauma*, **2011**, 70, 498-506		21
72	Antifungal activity of the essential oil of Thymus capitellatus against Candida, Aspergillus and dermatophyte strains. *Flavour and Fragrance Journal*, **2006**, 21, 749-753	2.5	21
71	High-touch surfaces: microbial neighbours at hand. *European Journal of Clinical Microbiology and Infectious Diseases*, **2017**, 36, 2053-2062	5.3	20
70	Inhibition of germ tube formation by Candida albicans by local anesthetics: an effect related to ionic channel blockade. *Current Microbiology*, **2000**, 40, 145-8	2.4	20
69	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	5.7	20
68	The use of DRAQ5 to monitor intracellular DNA in Escherichia coli by flow cytometry. *Journal of Fluorescence*, **2010**, 20, 907-14	2.4	19
67	An alternative respiratory pathway on Candida krusei: implications on susceptibility profile and oxidative stress. *FEMS Yeast Research*, **2012**, 12, 423-9	3.1	18
66	Anogenital warts in pediatric population. *Anais Brasileiros De Dermatologia*, **2017**, 92, 675-681	1.6	17
65	Detection of Aspergillus species in BACTEC blood cultures. *Journal of Medical Microbiology*, **2011**, 60, 1467-1471	3.2	17
64	Susceptibility pattern among pathogenic species of Aspergillus to physical and chemical treatments. *Medical Mycology*, **2006**, 44, 439-43	3.9	17
63	Human albumin promotes germination, hyphal growth and antifungal resistance by Aspergillus fumigatus. *Medical Mycology*, **2005**, 43, 711-7	3.9	17

62	A Transcriptomics Approach To Unveiling the Mechanisms of Evolution towards Fluconazole Resistance of a Clinical Isolate. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	17
61	Associated injuries in pediatric patients with facial fractures in Portugal: Analysis of 1416 patients. *Journal of Cranio-Maxillo-Facial Surgery*, **2015**, 43, 437-43	3.6	16
60	Animal model of implant capsular contracture: effects of chitosan. *Aesthetic Surgery Journal*, **2011**, 31, 540-50	2.4	15
59	Malassezia infections with systemic involvement: Figures and facts. *Journal of Dermatology*, **2018**, 45, 1278-1282	1.6	15
58	Potential Impact of Flow Cytometry Antimicrobial Susceptibility Testing on the Clinical Management of Gram-Negative Bacteremia Using the FASTinov Kit. *Frontiers in Microbiology*, **2017**, 8, 2455	5.7	14
57	In vitro antifungal activity and in vivo antibiofilm activity of cerium nitrate against Candida species. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 1083-93	5.1	14
56	The relationship between Candida species charge density and chitosan activity evaluated by ion-exchange chromatography. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2011**, 879, 3749-51	3.2	14
55	Genital candidosis in heterosexual couples. *Journal of the European Academy of Dermatology and Venereology*, **2011**, 25, 145-51	4.6	14
54	Effects of coagulase-negative staphylococci and fibrin on breast capsule formation in a rabbit model. *Aesthetic Surgery Journal*, **2011**, 31, 420-8	2.4	14
53	Can the diagnosis of recurrent vulvovaginal candidosis be improved by use of vaginal lavage samples and cultures on chromogenic agar?. *Infectious Diseases in Obstetrics and Gynecology*, **2002**, 10, 89-92	2.4	14
52	Blue Light Disinfection in Hospital Infection Control: Advantages, Drawbacks, and Pitfalls. *Antibiotics*, **2019**, 8,	4.9	13
51	Effects of fibrin, thrombin, and blood on breast capsule formation in a preclinical model. *Aesthetic Surgery Journal*, **2011**, 31, 302-9	2.4	13
50	A novel flow cytometric protocol for assessment of yeast cell adhesion. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2012**, 81, 265-70	4.6	12
49	Association of Thymbra capitata essential oil and chitosan (TCCH hydrogel): a putative therapeutic tool for the treatment of vulvovaginal candidosis. *Flavour and Fragrance Journal*, **2013**, 28, 354-359	2.5	11
48	Cytometric approach for detection of Encephalitozoon intestinalis, an emergent agent. *Vaccine Journal*, **2009**, 16, 1021-4		10
47	Antifungal activity of local anesthetics against Candida species. *Infectious Diseases in Obstetrics and Gynecology*, **2000**, 8, 124-137	2.4	10
46	Malassezia interaction with a reconstructed human epidermis: Keratinocyte immune response. *Mycoses*, **2019**, 62, 932-936	5.2	9
45	Candida krusei reservoir in a neutropaenia unit: molecular evidence of a foe?. *Clinical Microbiology and Infection*, **2011**, 17, 259-63	9.5	9

44	Antibacterial Action Mechanisms of Honey: Physiological Effects of Avocado, Chestnut, and Polyfloral Honey upon and. *Molecules*, **2020**, 25,	4.8	8
43	Unveiling the Synergistic Interaction Between Liposomal Amphotericin B and Colistin. *Frontiers in Microbiology*, **2016**, 7, 1439	5.7	8
42	New Insights Regarding Yeast Survival following Exposure to Liposomal Amphotericin B. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 6181-7	5.9	7
41	Genetic relatedness and antifungal susceptibility profile of Candida albicans isolates from fungaemia patients. *Medical Mycology*, **2011**, 49, 248-52	3.9	7
40	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, 1137-40	5.3	7
39	Interaction of local anaesthetics with other antifungal agents against pathogenic Aspergillus. *International Journal of Antimicrobial Agents*, **2006**, 27, 339-43	14.3	7
38	Rapid Flow Cytometry Test for Identification of Different Carbapenemases in Enterobacteriaceae. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 3824-6	5.9	7
37	Malassezia species retrieved from skin with pityriasis versicolor, seborrhoeic dermatitis and skin free of lesions: a comparison of two sampling methods. *British Journal of Dermatology*, **2018**, 179, 526-527	4	6
36	Evaluation of Physiological Effects Induced by Manuka Honey Upon and. *Microorganisms*, **2019**, 7,	4.9	6
35	Novel method for evaluating in vitro activity of anidulafungin in combination with amphotericin B or azoles. *Journal of Clinical Microbiology*, **2012**, 50, 2748-54	9.7	6
34	Effective Disinfection of a Burn Unit after Two Cases of Sepsis Caused by Multi-Drug-Resistant Acinetobacter baumannii. *Surgical Infections*, **2018**, 19, 541-543	2	6
33	Malassezia colonisation on a reconstructed human epidermis: Imaging studies. *Mycoses*, **2019**, 62, 1194-1201	5.2	5
32	In vitro assessment of gentian violet anti- candida activity. *Gynecologic and Obstetric Investigation*, **2012**, 74, 120-4	2.5	5
31	A new method for the detection of Pneumocystis jirovecii using flow cytometry. *European Journal of Clinical Microbiology and Infectious Diseases*, **2010**, 29, 1147-52	5.3	5
30	Propofol lipidic infusion promotes resistance to antifungals by reducing drug input into the fungal cell. *BMC Microbiology*, **2008**, 8, 9	4.5	5
29	Germ Tube Formation Changes Surface Hydrophobicity of Candida Cells. *Infectious Diseases in Obstetrics and Gynecology*, **1999**, 7, 222-226	2.4	5
28	In vitro effect of local anesthetics on candida albicans germ tube formation. *Infectious Diseases in Obstetrics and Gynecology*, **1994**, 1, 193-7	2.4	5
27	Blunted dynamics of adenosine A2A receptors is associated with increased susceptibility to Candida albicans infection in the elderly. *Oncotarget*, **2016**, 7, 62862-62872	3.3	5

26	Mechanisms of Acquired and Resistance to Voriconazole by Candida krusei following Exposure to Suboptimal Drug Concentration. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	4
25	Detection of Legionella pneumophila on clinical samples and susceptibility assessment by flow cytometry. *European Journal of Clinical Microbiology and Infectious Diseases*, **2012**, 31, 3351-7	5.3	4
24	Direct impression on agar surface as a diagnostic sampling procedure for candida balanitis. *Sexually Transmitted Infections*, **2010**, 86, 32-5	2.8	4
23	Noninfectious balanitis in patients attending a sexually transmitted diseases clinic. *International Journal of Dermatology*, **2009**, 48, 445-6	1.7	4
22	Evaluating the concentration of a Candida albicans suspension. *Infectious Diseases in Obstetrics and Gynecology*, **1993**, 1, 134-6	2.4	4
21	Ultra-rapid flow cytometry assay for colistin MIC determination in Enterobacterales, Pseudomonas aeruginosa and Acinetobacter baumannii. *Clinical Microbiology and Infection*, **2020**, 26, 1559.e1-1559.e4	9.5	4
20	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, 83-4	3.8	3
19	Comparison of Andersen and Honey Jar Methods for Monitoring Hospital Wards. *Indoor and Built Environment*, **2007**, 16, 71-76	1.8	3
18	Specific detection of Pneumocystis jirovecii in clinical samples by flow cytometry. *Methods in Molecular Biology*, **2013**, 968, 203-11	1.4	3
17	Flow Cytometry in Microbiology: The Reason and the Need. *Series in Bioengineering*, **2017**, 153-170	0.7	3
16	Epidemiology and susceptibility profile to classic antifungals and over-the-counter products of Malassezia clinical isolates from a Portuguese University Hospital: a prospective study. *Journal of Medical Microbiology*, **2019**, 68, 778-784	3.2	3
15	A Flow Cytometric and Computational Approaches to Carbapenems Affinity to the Different Types of Carbapenemases. *Frontiers in Microbiology*, **2016**, 7, 1259	5.7	3
14	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	2.2	3
13	The role of phage therapy in burn wound infection management: advantages and pitfalls. *Journal of Burn Care and Research*, **2021**,	0.8	3
12	Anti- activity of antimicrobial impregnated central venous catheters. *Antimicrobial Resistance and Infection Control*, **2017**, 6, 110	6.2	2
11	Evaluation of Giardia duodenalis viability after metronidazole treatment by flow cytometry. *Memorias Do Instituto Oswaldo Cruz*, **2014**, 109, 1078-80	2.6	2
10	FKS1 mutation associated with decreased echinocandin susceptibility of Aspergillus fumigatus following anidulafungin exposure. *Scientific Reports*, **2020**, 10, 11976	4.9	2
9	The transcription factor Ndt80 is a repressor of Candida parapsilosis virulence attributes. *Virulence*, **2021**, 12, 601-614	4.7	2

8	Evaluation of FASTinov Ultrarapid Flow Cytometry Antimicrobial Susceptibility Testing Directly from Positive Blood Cultures. *Journal of Clinical Microbiology*, **2021**, 59, e0054421	9.7	2
7	Evaluation of ultra-rapid susceptibility testing of ceftolozane-tazobactam by a flow cytometry assay directly from positive blood cultures. *European Journal of Clinical Microbiology and Infectious Diseases*, **2020**, 39, 1907-1914	5.3	1
6	Efficacy of UV-C Ray Sterilization of Calliphora vicina (Diptera: Calliphoridae) Eggs for Use in Maggot Debridement Therapy. *Journal of Medical Entomology*, **2019**, 56, 40-44	2.2	1
5	A Rapid Flow Cytometric Antimicrobial Susceptibility Assay (FASTvet) for Veterinary Use - Preliminary Data. *Frontiers in Microbiology*, **2020**, 11, 1944	5.7	1
4	Filling a gap: knowledge in health related science for middle school students in formal and informal contexts. *Journal of Biological Education*, **2020**, 54, 129-146	0.9	1
3	Ebola virus - from neglected threat to global emergency state. *Revista Da Associação Médica Brasileira*, **2016**, 62, 458-67	1.4	0
2	An overview about the medical use of antifungals in Portugal in the last years. *Journal of Public Health Policy*, **2016**, 37, 200-15	2.9	
1	Mould Infections: A Global Threat to Immunocompromised Patients **2010**, 1-19		