DÃ©bora de Souza Collares Maia Castel

List of Publications by Year
in descending order

117 papers	2,103 citations	236925 25 h-index	330143 37 g-index
117 all docs	117 docs citations	117 times ranked	2186 citing authors

#	Article	IF	Citations
1	Collateral consequences of agricultural fungicides on pathogenic yeasts: A One Health perspective to tackle azole resistance. Mycoses, 2022, 65, 303-311.	4.0	18
2	The herbicide paraquat alters growth and melanin production on the Cryptococcus neoformans/Cryptococcus gattii species complex. Canadian Journal of Microbiology, 2022, , .	1.7	1
3	Anti-Staphylococcal Activity of Cinnamomum zeylanicum Essential Oil against Planktonic and Biofilm Cells Isolated from Canine Otological Infections. Antibiotics, 2022, 11, 4.	3.7	4
4	Antifungal effect of anthraquinones againstCryptococcus neoformans: detection of synergism with amphotericin B. Medical Mycology, 2021, 59, 564-570.	0.7	8
5	Yeast microbiota of free-ranging amphibians and reptiles from Caatinga biome in CearÃ¡ State, Northeast Brazil: High pathogenic potential of Candida famata. Ciencia Rural, 2021, 51, .	0.5	1
6	Coccidioidomycosis in Brazil: Historical Challenges of a Neglected Disease. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	5
7	Vancomycin enhances growth and virulence of Trichosporon spp. planktonic cells and biofilms. Medical Mycology, 2021, 59, 793-801.	0.7	1
8	Atypical chlamydoconidium-producing Trichophyton tonsurans strains from CearÃ¡ State, Northeast Brazil: investigation of taxonomy by phylogenetic analysis and biofilm susceptibility. Microbiology (United Kingdom), 2021, 167, .	1.8	2
9	Ex situ model of biofilmâ€associated wounds: providing a hostâ€like environment for the study of Staphylococcus aureus and Pseudomonas aeruginosa biofilms. Journal of Applied Microbiology, 2021, 131, 1487-1497.	3.1	7
10	Azole-Resilient Biofilms and Non-wild Type C. albicans Among Candida Species Isolated from Agricultural Soils Cultivated with Azole Fungicides: an Environmental Issue?. Microbial Ecology, 2021, 82, 1080-1083.	2.8	4
11	Trichosporon asahii and Trichosporon inkin Biofilms Produce Antifungal-Tolerant Persister Cells. Frontiers in Cellular and Infection Microbiology, 2021, 11, 645812.	3.9	7
12	Inhibitory effect of Brazilian red propolis on planktonic and biofilm forms of Clostridioides difficile. Anaerobe, 2021, 69, 102322.	2.1	6
13	Anthraquinones from Aloe spp. inhibit Cryptococcus neoformans sensu stricto: effects against growing and mature biofilms. Biofouling, 2021, 37, 809-817.	2.2	1
14	One Health Implications of Antimicrobial Resistance in Bacteria from Amazon River Dolphins. EcoHealth, 2021, 18, 383-396.	2.0	5
15	In vitro and ex vivo biofilms of dermatophytes: a new panorama for the study of antifungal drugs. Biofouling, 2020, 36, 783-791.	2.2	18
16	Mini-review: from inÂvitro to ex vivo studies: an overview of alternative methods for the study of medical biofilms. Biofouling, 2020, 36, 1-21.	2.2	13
17	Cryptococcus neoformans/Cryptococcus gattii species complex melanized by epinephrine: Increased yeast survival after amphotericin B exposure. Microbial Pathogenesis, 2020, 143, 104123.	2.9	7
18	Antifungal activity of promethazine and chlorpromazine against planktonic cells and biofilms of Cryptococcus neoformans/Cryptococcus gattii complex species. Medical Mycology, 2020, 58, 906-912.	0.7	10

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19	Azole resistance in Candida from animals calls for the One Health approach to tackle the emergence of antimicrobial resistance. Medical Mycology, 2020, 58, 896-905.	0.7	11
20	The yeast, the antifungal, and the wardrobe: a journey into antifungal resistance mechanisms ofCandida tropicalis. Canadian Journal of Microbiology, 2020, 66, 377-388.	1.7	15
21	In vitro inhibitory effect of statins on planktonic cells and biofilms of the Sporothrix schenckii species complex. Journal of Medical Microbiology, 2020, 69, 838-843.	1.8	3
22	Darunavir inhibits Cryptococcus neoformans/Cryptococcus gattii species complex growth and increases the susceptibility of biofilms to antifungal drugs. Journal of Medical Microbiology, 2020, 69, 830-837.	1.8	4
23	Rhamnolipid enhances Burkholderia pseudomallei biofilm susceptibility, disassembly and production of virulence factors. Future Microbiology, 2020, 15, 1109-1121.	2.0	11
24	Farnesol inhibits planktonic cells and antifungal-tolerant biofilms of Trichosporon asahii and Trichosporon inkin. Medical Mycology, 2019, 57, 1038-1045.	0.7	17
25	Ex vivo biofilm-forming ability of dermatophytes using dog and cat hair: an ethically viable approach for an infection model. Biofouling, 2019, 35, 392-400.	2.2	17
26	Antifungal effects of the flavonoids kaempferol and quercetin: a possible alternative for the control of fungal biofilms. Biofouling, 2019, 35, 320-328.	2.2	73
27	Proton pump inhibitors versus Cryptococcus species: effects on in vitro susceptibility and melanin production. Future Microbiology, 2019, 14, 489-497.	2.0	5
28	Sodium butyrate inhibits planktonic cells and biofilms of Trichosporon spp.. Microbial Pathogenesis, 2019, 130, 219-225.	2.9	15
29	Exposure of Candida parapsilosis complex to agricultural azoles: An overview of the role of environmental determinants for the development of resistance. Science of the Total Environment, 2019, 650, 1231-1238.	8.0	18
30	Potassium iodide and miltefosine inhibit biofilms of Sporothrix schenckii species complex in yeast and filamentous forms. Medical Mycology, 2019, 57, 764-772.	0.7	19
31	In vitro effects of promethazine on cell morphology and structure and mitochondrial activity of azole-resistant Candida tropicalis. Medical Mycology, 2018, 56, 1012-1022.	0.7	7
32	In vitro activity of azole derivatives and griseofulvin against planktonic and biofilm growth of clinical isolates of dermatophytes. Mycoses, 2018, 61, 449-454.	4.0	18
33	Effect of the molecular weight of chitosan on its antifungal activity against Candida spp. in planktonic cells and biofilm. Carbohydrate Polymers, 2018, 195, 662-669.	10.2	54
34	A proposal for antifungal epidemiological cut-off values against Histoplasma capsulatum var. capsulatum based on the susceptibility of isolates from HIV-infected patients with disseminated histoplasmosis in Northeast Brazil. International Journal of Antimicrobial Agents, 2018, 52, 272-277.	2.5	6
35	Phenotype-driven strategies for screening Candida parapsilosis complex for molecular identification. Brazilian Journal of Microbiology, 2018, 49, 193-198.	2.0	7
36	Inhibitory effect of a lipopeptide biosurfactant produced by Bacillus subtilis on planktonic and sessile cells of Trichosporon spp.. Biofouling, 2018, 34, 309-319.	2.2	16

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37	Antifungal susceptibility of Sporothrix schenckii complex biofilms. Medical Mycology, 2018, 56, 297-306.	0.7	32
38	Malassezia pachydermatis from animals: Planktonic and biofilm antifungal susceptibility and its virulence arsenal. Veterinary Microbiology, 2018, 220, 47-52.	1.9	29
39	Pentamidine inhibits the growth of Sporothrix schenckii complex and exhibits synergism with antifungal agents. Future Microbiology, 2018, 13, 1129-1140.	2.0	16
40	Î²-lactam antibiotics & vancomycin increase the growth & virulence of Candida spp.. Future Microbiology, 2018, 13, 869-875.	2.0	12
41	Antifungal susceptibility and virulence of Candida parapsilosis species complex: an overview of their pathogenic potential. Journal of Medical Microbiology, 2018, 67, 903-914.	1.8	19
42	Biofilms of Candida spp. from the ocular conjunctiva of horses with reduced azole susceptibility: a complicating factor for the treatment of keratomycosis?. Veterinary Ophthalmology, 2017, 20, 539-546.	1.0	13
43	Aeromonas and Plesiomonas species from scarlet ibis (Eudocimus ruber) and their environment: monitoring antimicrobial susceptibility and virulence. Antonie Van Leeuwenhoek, 2017, 110, 33-43.	1.7	9
44	Azole resistance in Candida albicans from animals: Highlights on efflux pump activity and gene overexpression. Mycoses, 2017, 60, 462-468.	4.0	28
45	Promethazine improves antibiotic efficacy and disrupts biofilms of Burkholderia pseudomallei. Biofouling, 2017, 33, 88-97.	2.2	19
46	Clinical and environmental isolates of Burkholderia pseudomallei from Brazil: Genotyping and detection of virulence gene. Asian Pacific Journal of Tropical Medicine, 2017, 10, 945-951.	0.8	6
47	The HIV aspartyl protease inhibitor ritonavir impairs planktonic growth, biofilm formation and proteolytic activity inTrichosporonspp.. Biofouling, 2017, 33, 640-650.	2.2	18
48	An alternative method for the analysis of melanin production in Cryptococcus neoformans sensu lato and Cryptococcus gattii sensu lato. Mycoses, 2017, 60, 697-702.	4.0	15
49	Research advances on the multiple uses of Moringa oleifera : A sustainable alternative for socially neglected population. Asian Pacific Journal of Tropical Medicine, 2017, 10, 621-630.	0.8	115
50	Candida parapsilosis complex in veterinary practice: A historical overview, biology, virulence attributes and antifungal susceptibility traits. Veterinary Microbiology, 2017, 212, 22-30.	1.9	14
51	Yeasts from Scarlet ibises (Eudocimus ruber): A focus on monitoring the antifungal susceptibility of Candida famata and closely related species. Medical Mycology, 2017, 55, 725-732.	0.7	9
52	Quantitative and structural analyses of the in vitro and ex vivo biofilm-forming ability of dermatophytes. Journal of Medical Microbiology, 2017, 66, 1045-1052.	1.8	34
53	Crossâ€resistance to fluconazole induced by exposure to the agricultural azole tetraconazole: an environmental resistance school?. Mycoses, 2016, 59, 281-290.	4.0	28
54	Enterobacteria and Vibrio from Macrobrachium amazonicum prawn farming in Fortaleza, CearÃ¡, Brazil. Asian Pacific Journal of Tropical Medicine, 2016, 9, 27-31.	0.8	2

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55	Coccidioidomycosis and Histoplasmosis in Equines: An Overview to Support the Accurate Diagnosis. Journal of Equine Veterinary Science, 2016, 40, 62-73.	0.9	0
56	Candida tropicalis from veterinary and human sources shows similar in vitro hemolytic activity, antifungal biofilm susceptibility and pathogenesis against Caenorhabditis elegans. Veterinary Microbiology, 2016, 192, 213-219.	1.9	25
57	Terpinen-4-ol, tyrosol, and Î²-lapachone as potential antifungals against dimorphic fungi. Brazilian Journal of Microbiology, 2016, 47, 917-924.	2.0	40
58	RYP1 gene as a target for molecular diagnosis of histoplasmosis. Journal of Microbiological Methods, 2016, 130, 112-114.	1.6	9
59	Farnesol increases the susceptibility of Burkholderia pseudomallei biofilm to antimicrobials used to treat melioidosis. Journal of Applied Microbiology, 2016, 120, 600-606.	3.1	32
60	Antiretroviral drugs saquinavir and ritonavir reduce inhibitory concentration values of itraconazole against Histoplasma capsulatum strains in vitro. Brazilian Journal of Infectious Diseases, 2016, 20, 155-159.	0.6	9
61	Azole resistance in Candida spp. isolated from CatÃº Lake, CearÃ¡, Brazil: an efflux-pump-mediated mechanism. Brazilian Journal of Microbiology, 2016, 47, 33-38.	2.0	20
62	Antifungal Resistance and Virulence Among Candida spp. from Captive Amazonian manatees and West Indian Manatees: Potential Impacts on Animal and Environmental Health. EcoHealth, 2016, 13, 328-338.	2.0	15
63	Trends in antifungal susceptibility and virulence ofCandidaspp. from the nasolacrimal duct of horses. Medical Mycology, 2016, 54, 147-154.	0.7	15
64	Yeasts from the microbiota of bats: a focus on the identification and antimicrobial susceptibility of cryptic species of Candida. Journal of Medical Microbiology, 2016, 65, 1225-1228.	1.8	14
65	In vitro antifungal activity of miltefosine and levamisole: their impact on ergosterol biosynthesis and cell permeability of dimorphic fungi. Journal of Applied Microbiology, 2015, 119, 962-969.	3.1	22
66	Easy Storage Strategies forSporothrixspp. Strains. Biopreservation and Biobanking, 2015, 13, 131-134.	1.0	6
67	Virulence and antimicrobial susceptibility of clinical and environmental strains of Aeromonas spp. from northeastern Brazil. Canadian Journal of Microbiology, 2015, 61, 597-601.	1.7	9
68	Emergence of azole-resistant Candida albicans in small ruminants. Mycopathologia, 2015, 180, 277-280.	3.1	6
69	Exogenous tyrosol inhibits planktonic cells and biofilms of Candida species and enhances their susceptibility to antifungals. FEMS Yeast Research, 2015, 15, fov012.	2.3	41
70	In vitro inhibitory activity of terpenic derivatives against clinical and environmental strains of the Sporothrix schenkii complex. Medical Mycology, 2015, 53, 93-98.	0.7	16
71	Candida tropicalis isolates obtained from veterinary sources show resistance to azoles and produce virulence factors. Medical Mycology, 2015, 53, 145-152.	0.7	51
72	Histoplasma capsulatum in planktonic and biofilm forms: in vitro susceptibility to amphotericin B, itraconazole and farnesol. Journal of Medical Microbiology, 2015, 64, 394-399.	1.8	30

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73	Î²-Lactam antibiotics and vancomycin inhibit the growth of planktonic and biofilm Candida spp.: An additional benefit of antibiotic-lock therapy?. International Journal of Antimicrobial Agents, 2015, 45, 420-423.	2.5	9
74	Surveillance of Azole Resistance Among Candida spp. as a Strategy for the Indirect Monitoring of Freshwater Environments. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	4
75	Yeast microbiota of natural cavities of manatees (Trichechus inunguis and Trichechus) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Journal of Microbiology, 2015, 61, 763-769.	1.7	7
76	Evidence of Fluconazole-Resistant Candida Species in Tortoises and Sea Turtles. Mycopathologia, 2015, 180, 421-426.	3.1	18
77	Vibrio spp. from Macrobrachium amazonicum prawn farming are inhibited by Moringa oleifera extracts. Asian Pacific Journal of Tropical Medicine, 2015, 8, 919-922.	0.8	18
78	Simvastatin inhibits planktonic cells and biofilms of Candida and Cryptococcus species. Brazilian Journal of Infectious Diseases, 2015, 19, 459-465.	0.6	28
79	Bipolaris hawaiiensis as an emerging cause of cutaneous phaeohyphomycosis in an Antillean manatee Trichechus manatus manatus. Diseases of Aquatic Organisms, 2015, 113, 69-73.	1.0	8
80	Macrobrachium amazonicum: an alternative for microbiological monitoring of aquatic environments in Brazil. Ciencia Rural, 2014, 44, 2029-2034.	0.5	3
81	Moringa oleifera inhibits growth of Candida spp. and Hortaea werneckii isolated from Macrobrachium amazonicum prawn farming with a wide margin of safety. Ciencia Rural, 2014, 44, 2197-2203.	0.5	10
82	Antifungal susceptibility and virulence attributes of animal-derived isolates of Candida parapsilosis complex. Journal of Medical Microbiology, 2014, 63, 1568-1572.	1.8	16
83	In vitro inhibitory effect of miltefosine against strains of Histoplasma capsulatum var. capsulatum and Sporothrix spp.. Medical Mycology, 2014, 52, 320-325.	0.7	33
84	Azole-resistantCandida albicansfrom a wild Brazilian porcupine (Coendou prehensilis): a sign of an environmental imbalance?. Medical Mycology, 2013, 51, 555-560.	0.7	31
85	Glucose and lactose as cryoprotectants for fungal strains immobilised in sodium alginate: an emphasis on the conservation of the zygomycetes Rhizopus and Mucor. Mycoses, 2013, 56, 321-326.	4.0	3
86	In vitro antimicrobial susceptibility of clinical and environmental strains of Burkholderia pseudomallei from Brazil. International Journal of Antimicrobial Agents, 2013, 42, 375-377.	2.5	9
87	Antifungal susceptibility of emerging opportunistic yeasts and yeast-like fungi from Rhea americana. Canadian Journal of Microbiology, 2013, 59, 577-580.	1.7	4
88	Minimum inhibitory concentrations of amphotericin B, azoles and caspofungin againstCandidaspecies are reduced by farnesol. Medical Mycology, 2013, 51, 53-59.	0.7	85
89	Detection of Candida species resistant to azoles in the microbiota of rheas (Rhea americana): possible implications for human and animal health. Journal of Medical Microbiology, 2013, 62, 889-895.	1.8	36
90	Trichophyton tonsurans strains from Brazil: phenotypic heterogeneity, genetic homology, and detection of virulence genes. Canadian Journal of Microbiology, 2013, 59, 754-760.	1.7	11

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91	Effect of Farnesol on Growth, Ergosterol Biosynthesis, and Cell Permeability in Coccidioides posadasii. Antimicrobial Agents and Chemotherapy, 2013, 57, 2167-2170.	3.2	25
92	In Vitro Activities of Amoxicillin-Clavulanate, Doxycycline, Ceftazidime, Imipenem, and Trimethoprim-Sulfamethoxazole against Biofilm of Brazilian Strains of Burkholderia pseudomallei. Antimicrobial Agents and Chemotherapy, 2013, 57, 5771-5773.	3.2	11
93	Species ofCandidaas a component of the nasal microbiota of healthy horses. Medical Mycology, 2013, 51, 731-736.	0.7	22
94	Ciprofloxacin shows synergism with classical antifungals against Histoplasma capsulatum var. capsulatum and Coccidioides posadasii. Mycoses, 2013, 56, 397-401.	4.0	16
95	Genetic diversity ofCoccidioides posadasiifrom Brazil. Medical Mycology, 2013, 51, 432-437.	0.7	8
96	Oral health: comfort and ponderal gain in horses after dental correction. Revista Brasileira De Higiene E Sanidade Animal, 2013, 7, 288-300.	0.0	3
97	Sesquiterpene Farnesol Contributes to Increased Susceptibility to Î²-Lactams in Strains of Burkholderia pseudomallei. Antimicrobial Agents and Chemotherapy, 2012, 56, 2198-2200.	3.2	24
98	Clinical-Epidemiological Features of 13 Cases of Melioidosis in Brazil. Journal of Clinical Microbiology, 2012, 50, 3349-3352.	3.9	27
99	Antifungal Activity, Toxicity and Chemical Composition of the Essential Oil of Coriandrum sativum L. Fruits. Molecules, 2012, 17, 8439-8448.	3.8	52
100	Evaluation of the genetic diversity of Histoplasma capsulatum var. capsulatum isolates from north-eastern Brazil. Journal of Medical Microbiology, 2012, 61, 1688-1695.	1.8	8
101	Farnesol inhibits in vitro growth of the Cryptococcus neoformans species complex with no significant changes in virulence-related exoenzymes. Veterinary Microbiology, 2012, 159, 375-380.	1.9	28
102	Histoplasmosis in HIV-positive patients in CearÃ¡, Brazil: clinical-laboratory aspects and in vitro antifungal susceptibility of Histoplasma capsulatum isolates. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2012, 106, 484-488.	1.8	48
103	Knowledge of the patients regarding leprosy and adherence to treatment. Brazilian Journal of Infectious Diseases, 2012, 16, 472-475.	0.6	11
104	Coccidioidomycosis in armadillo hunters from the state of CearÃ¡, Brazil. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 813-815.	1.6	18
105	Biochemical Characterization of an In-House Coccidioides Antigen: Perspectives for the Immunodiagnosis of Coccidioidomycosis. Molecules, 2012, 17, 7854-7863.	3.8	3
106	Yeast microbiota of raptors: a possible tool for environmental monitoring. Environmental Microbiology Reports, 2012, 4, 189-193.	2.4	32
107	Feline Histoplasmosis in Brazil: Clinical and Laboratory Aspects and a Comparative Approach of Published Reports. Mycopathologia, 2012, 173, 193-197.	3.1	12
108	Candida parapsilosis meningitis as the first manifestation of AIDS: case report. Journal of Medical Microbiology, 2011, 60, 1530-1533.	1.8	2

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109	Serological evidence of Histoplasma capsulatum infection among dogs with leishmaniasis in Brazil. Acta Tropica, 2011, 119, 203-205.	2.0	10
110	Extratos de Moringa oleifera e Vernonia sp. sobre Candida albicans e Microsporum canis isolados de cÃ£es e gatos e anÃ¡lise da toxicidade em Artemia sp.. Ciencia Rural, 2011, 41, 1807-1812.	0.5	10
111	Yeasts from Macrobrachium amazonicum: a focus on antifungal susceptibility and virulence factors of Candida spp.. FEMS Microbiology Ecology, 2011, 76, 268-277.	2.7	35
112	PCR-REA as an important tool for the identification of Cryptococcus neoformans and Cryptococcus gattii from human and veterinary sources. Veterinary Microbiology, 2011, 154, 180-184.	1.9	6
113	Synergistic Effect of Antituberculosis Drugs and AzolesIn Vitroagainst Histoplasma capsulatum var. capsulatum. Antimicrobial Agents and Chemotherapy, 2011, 55, 4482-4484.	3.2	6
114	Candida species isolated from the gastrointestinal tract of cockatiels (Nymphicus hollandicus): In vitro antifungal susceptibility profile and phospholipase activity. Veterinary Microbiology, 2010, 145, 324-328.	1.9	44
115	Characterization of the gastrointestinal yeast microbiota of cockatiels (Nymphicus hollandicus): a potential hazard to human health. Journal of Medical Microbiology, 2010, 59, 718-723.	1.8	50
116	Molecular methods for the diagnosis and characterization ofCryptococcus: a review. Canadian Journal of Microbiology, 2010, 56, 445-458.	1.7	46
117	Enterococcus faecalis and Candida albicans dual-species biofilm: establishment of an in vitro protocol and characterization. Biofouling, 0, , 1-13.	2.2	1