SÃ´nia Rozental

List of Publications by Year in descending order

95 papers	3,264 citations	156536 32 h-index	198040 52 g-index
97 all docs	97 docs citations	97 times ranked	3578 citing authors

#	Article	IF	Citations
1	Characterization of Aspergillus nidulans Biofilm Formation and Structure and Their Inhibition by Pea Defensin Psd2. Frontiers in Molecular Biosciences, 2022, 9, 795255.	1.6	0
2	Sporothrix spp. Biofilms Impact in the Zoonotic Transmission Route: Feline Claws Associated Biofilms, Itraconazole Tolerance, and Potential Repurposing for Miltefosine. Pathogens, 2022, 11, 206.	1.2	12
3	A novel naphthoquinone derivative shows selective antifungal activity against Sporothrix yeasts and biofilms. Brazilian Journal of Microbiology, 2022, 53, 749-758.	0.8	9
4	Anti-Sporothrix activity of ibuprofen combined with antifungal. Brazilian Journal of Microbiology, 2021, 52, 101-106.	0.8	9
5	Bioproducts from the pyrolysis of castor seed cake: Basic dye adsorption capacity of biochar and antifungal activity of the aqueous phase. Journal of Environmental Chemical Engineering, 2021, 9, 104825.	3.3	19
6	Antifungal promising agents of zinc(II) and copper(II) derivatives based on azole drug. Journal of Inorganic Biochemistry, 2021, 219, 111401.	1.5	19
7	Miltefosine Against Scedosporium and Lomentospora Species: Antifungal Activity and Its Effects on Fungal Cells. Frontiers in Cellular and Infection Microbiology, 2021, 11, 698662.	1.8	10
8	In Vitro and In Vivo Antifungal Activity of Buparvaquone against Sporothrix brasiliensis. Antimicrobial Agents and Chemotherapy, 2021, 65, e0069921.	1.4	10
9	Identification of Promising Antifungal Drugs against Scedosporium and Lomentospora Species after Screening of Pathogen Box Library. Journal of Fungi (Basel, Switzerland), 2021, 7, 803.	1.5	8
10	Synthesis, characterization and biological evaluation of zinc and copper azasterol complexes against Sporothrix brasiliensis. New Journal of Chemistry, 2021, 45, 20840-20849.	1.4	2
11	Investigation of a Microemulsion Containing Clotrimazole and Itraconazole for Transdermal Delivery for the Treatment of Sporotrichosis. Journal of Pharmaceutical Sciences, 2020, 109, 1026-1034.	1.6	21
12	Synthesis and Biological Activity of Novel Zinc-Itraconazole Complexes in Protozoan Parasites and Sporothrix spp. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	13
13	Identification of two potential inhibitors of Sporothrix brasiliensis and Sporothrix schenckii in the Pathogen Box collection. PLoS ONE, 2020, 15, e0240658.	1.1	16
14	Activity of Metal-Azole Complexes Against Biofilms of Candida albicans and Candida glabrata. Current Pharmaceutical Design, 2020, 26, 1524-1531.	0.9	7
15	Formulation and Evaluation of a Novel Itraconazole-Clotrimazole Topical Emulgel for the Treatment of Sporotrichosis. Current Pharmaceutical Design, 2020, 26, 1566-1570.	0.9	3
16	Sphingolipid biosynthetic pathway is crucial for growth, biofilm formation and membrane integrity of Scedosporium boydii. Future Medicinal Chemistry, 2019, 11, 2905-2917.	1.1	12
17	Synthesis, Stability Studies, and Antifungal Evaluation of Substituted Î±- and Î²-2,3-Dihydrofuranaphthoquinones against Sporothrix brasiliensis and Sporothrix schenckii. Molecules, 2019, 24, 930.	1.7	13
18	Efficacy of a poly-aggregated formulation of amphotericin B in treating systemic sporotrichosis caused by Sporothrix brasiliensis. Medical Mycology, 2018, 56, 288-296.	0.3	9

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19	Ultrastructural viewpoints on the interaction events of Scedosporium apiospermum conidia with lung and macrophage cells. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e180311.	0.8	6
20	Miltefosine Has a Postantifungal Effect and Induces Apoptosis in Cryptococcus Yeasts. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	41
21	Metalâ€“azole fungistatic drug complexes as anti-Sporothrixspp. agents. New Journal of Chemistry, 2018, 42, 13641-13650.	1.4	28
22	Melanin particles isolated from the fungus Fonsecaea pedrosoi activates the human complement system. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e180120.	0.8	12
23	The Antifungal Activity of Naphthoquinones: An Integrative Review. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1187-1214.	0.3	76
24	Synthesis and Antifungal Activity of Coumarins Derivatives Against Sporothrix spp.. Current Topics in Medicinal Chemistry, 2018, 18, 164-171.	1.0	10
25	Green Synthesis of Silver Nanoparticles Using Maltose and Cysteine and Their Effect on Cell Wall Envelope Shapes and Microbial Growth of Candida spp.. Journal of Nanoscience and Nanotechnology, 2017, 17, 1729-1739.	0.9	19
26	Candida albicans biofilms: comparative analysis of roomâ€temperature and cryofixation for scanning electron microscopy. Journal of Microscopy, 2017, 267, 409-419.	0.8	9
27	Melanin biosynthesis in pathogenic species of Sporothrix. Fungal Biology Reviews, 2017, 31, 50-59.	1.9	23
28	HIV Aspartic Peptidase Inhibitors Modulate Surface Molecules and Enzyme Activities Involved with Physiopathological Events in Fonsecaea pedrosoi. Frontiers in Microbiology, 2017, 8, 918.	1.5	8
29	Biofilm Formation by Pseudallescheria/Scedosporium Species: A Comparative Study. Frontiers in Microbiology, 2017, 8, 1568.	1.5	40
30	Tacrolimus Increases the Effectiveness of Itraconazole and Fluconazole against Sporothrix spp.. Frontiers in Microbiology, 2017, 8, 1759.	1.5	18
31	Clotrimazole is highly effective in vitro against feline Sporothrix brasiliensis isolates. Journal of Medical Microbiology, 2017, 66, 1573-1580.	0.7	11
32	Multicenter, International Study of MIC/MEC Distributions for Definition of Epidemiological Cutoff Values for Sporothrix Species Identified by Molecular Methods. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	72
33	Metalâ€“azasterol complexes: Synthesis, characterization, interaction studies with DNA and TrxR and Biological Evaluation. Journal of the Mexican Chemical Society, 2017, 61, .	0.2	5
34	Adamantylidene-substituted alkylphosphocholine TCAN26 is more active against Sporothrix schenckii than miltefosine. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 523-527.	0.8	7
35	Synergism Effect of the Essential Oil fromOcimum basilicumvar. Maria Bonita and Its Major Components with Fluconazole and Its Influence on Ergosterol Biosynthesis. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-12.	0.5	55
36	Î”24-Sterol Methyltransferase Plays an Important Role in the Growth and Development of Sporothrix schenckii and Sporothrix brasiliensis. Frontiers in Microbiology, 2016, 7, 311.	1.5	18

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37	The Role of Hydrophobicity and Surface Receptors at Hyphae of Lyophyllum sp. Strain Karsten in the Interaction with Burkholderia terrae BS001 â€“ Implications for Interactions in Soil. Frontiers in Microbiology, 2016, 7, 1689.	1.5	12
38	Functional characterization of the <scp>A</scp>spergillus nidulans glucosylceramide pathway reveals that LCB Î”8â€desaturation and C9â€methylation are relevant to filamentous growth, lipid raft localization and Psd1 defensin activity. Molecular Microbiology, 2016, 102, 488-505.	1.2	34
39	Miltefosine inhibits Candida albicans and non-albicans Candida spp. biofilms and impairs the dispersion of infectious cells. International Journal of Antimicrobial Agents, 2016, 48, 512-520.	1.1	45
40	Biodegradation of keratin by Trichosporum loubieri RC-S6 isolated from tannery/leather waste. International Biodeterioration and Biodegradation, 2016, 115, 199-204.	1.9	18
41	Chemical Composition and Antifungal Properties of Essential Oil of Origanum vulgare Linnaeus (Lamiaceae) against Sporothrix schenckii and Sporothrix brasiliensis. Tropical Journal of Pharmaceutical Research, 2015, 14, 1207.	0.2	15
42	1,10-Phenanthroline Inhibits the Metallopeptidase Secreted by Phialophora verrucosa and Modulates its Growth, Morphology and Differentiation. Mycopathologia, 2015, 179, 231-242.	1.3	12
43	Proanthocyanidins polymeric tannin from Stryphnodendron adstringens are active against Candida albicans biofilms. BMC Complementary and Alternative Medicine, 2015, 15, 68.	3.7	35
44	Miltefosine is active against Sporothrix brasiliensis isolates with in vitro low susceptibility to amphotericin B or itraconazole. Journal of Medical Microbiology, 2015, 64, 415-422.	0.7	37
45	In Vitro Activity of Miltefosine against Candida albicans under Planktonic and Biofilm Growth Conditions and In Vivo Efficacy in a Murine Model of Oral Candidiasis. Antimicrobial Agents and Chemotherapy, 2015, 59, 7611-7620.	1.4	46
46	A new model of in vitro fungal biofilms formed on human nail fragments allows reliable testing of laser and light therapies against onychomycosis. Lasers in Medical Science, 2015, 30, 1031-1039.	1.0	45
47	Amphotericin B, alone or followed by itraconazole therapy, is effective in the control of experimental disseminated sporotrichosis by Sporothrix brasiliensis. Medical Mycology, 2015, 53, 34-41.	0.3	29
48	Susceptibility of Sporothrix brasiliensis isolates to amphotericin B, azoles, and terbinafine. Medical Mycology, 2015, 53, 178-188.	0.3	88
49	Miltefosine is effective against Candida albicans and Fusarium oxysporum nail biofilms in vitro. Journal of Medical Microbiology, 2015, 64, 1436-1449.	0.7	29
50	Cryptococcus neoformans Is Internalized by Receptor-Mediated or â€˜Triggeredâ€™ Phagocytosis, Dependent on Actin Recruitment. PLoS ONE, 2014, 9, e89250.	1.1	17
51	Effects of 7-Hydroxycalamenene Isolated from Croton cajucara Essential Oil on Growth, Lipid Content and Ultrastructural Aspects of Rhizopus oryzae. Planta Medica, 2014, 80, 550-556.	0.7	8
52	Silver nanoparticle production by the fungus Fusarium oxysporum: nanoparticle characterisation and analysis of antifungal activity against pathogenic yeasts. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 220-228.	0.8	100
53	Effect of alkylphospholipids on Candida albicans biofilm formation and maturation. Journal of Antimicrobial Chemotherapy, 2013, 68, 113-125.	1.3	64
54	Proteomic Analysis of the Secretions of Pseudallescheria boydii, a Human Fungal Pathogen with Unknown Genome. Journal of Proteome Research, 2012, 11, 172-188.	1.8	21

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55	Cellular characterisation of Candida tropicalis presenting fluconazole-related trailing growth. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 31-38.	0.8	10
56	Negative correlation between phospholipase and esterase activity produced by Fusarium isolates. Brazilian Journal of Medical and Biological Research, 2012, 45, 411-416.	0.7	5
57	Terbinafine inhibits Cryptococcus neoformans growth and modulates fungal morphology. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 582-590.	0.8	21
58	The plant defensin RsAFP2 induces cell wall stress, septin mislocalization and accumulation of ceramides in Candida albicans. Molecular Microbiology, 2012, 84, 166-180.	1.2	123
59	Antimicrobial activity of Paenibacillus kribbensis POC 115 against the dermatophyte Trichophyton rubrum. World Journal of Microbiology and Biotechnology, 2012, 28, 953-962.	1.7	11
60	Two squalene synthase inhibitors, E5700 and ER-119884, interfere with cellular proliferation and induce ultrastructural and lipid profile alterations in a Candida tropicalis strain resistant to fluconazole, itraconazole, and amphotericin B. Journal of Infection and Chemotherapy, 2011, 17, 563-570.	0.8	9
61	Synthetic arylquinuclidine derivatives exhibit antifungal activity against Candida albicans, Candida tropicalis and Candida parapsilopsis. Annals of Clinical Microbiology and Antimicrobials, 2011, 10, 3.	1.7	17
62	Melanin in Fonsecaea pedrosoi: a trap for oxidative radicals. BMC Microbiology, 2010, 10, 80.	1.3	69
63	TGF-Î² plasma levels in chromoblastomycosis patients during itraconazole treatment. Cytokine, 2010, 51, 202-206.	1.4	7
64	L-DOPA accessibility in culture medium increases melanin expression and virulence ofSporothrix schenckiiyeast cells. Medical Mycology, 2010, 48, 687-695.	0.3	22
65	Growth inhibition and ultrastructural alterations induced by Î”24(25)-sterol methyltransferase inhibitors in Candida spp. isolates, including non-albicans organisms. BMC Microbiology, 2009, 9, 74.	1.3	27
66	Activity of tannins from Stryphnodendron adstringens on Cryptococcus neoformans: effects on growth, capsule size and pigmentation. Annals of Clinical Microbiology and Antimicrobials, 2009, 8, 29.	1.7	31
67	The Aspergillus fumigatus transcription factor Ace2 governs pigment production, conidiation and virulence. Molecular Microbiology, 2009, 72, 155-169.	1.2	45
68	Identification, antifungal susceptibility and scanning electron microscopy of a keratinolytic strain ofRhodotorula mucilaginosa: a primary causative agent of onychomycosis. FEMS Immunology and Medical Microbiology, 2009, 55, 396-403.	2.7	20
69	Ultrastructural characterization of melanosomes of the human pathogenic fungus Fonsecaea pedrosoi. Journal of Structural Biology, 2008, 162, 75-84.	1.3	59
70	Beneficial Effects of HIV Peptidase Inhibitors on Fonsecaea pedrosoi: Promising Compounds to Arrest Key Fungal Biological Processes and Virulence. PLoS ONE, 2008, 3, e3382.	1.1	33
71	Biochemical properties of the major proteins from Rhodnius prolixus eggshell. Insect Biochemistry and Molecular Biology, 2007, 37, 1207-1221.	1.2	24
72	Phagocytosis ofFonsecaea pedrosoiconidia, but not sclerotic cells caused by Langerhans cells, inhibits CD40 and B7-2 expression. FEMS Immunology and Medical Microbiology, 2007, 50, 104-111.	2.7	19

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73	Biology and pathogenesis ofFonsecaea pedrosoi, the major etiologic agent of chromoblastomycosis. FEMS Microbiology Reviews, 2007, 31, 570-591.	3.9	95
74	Effects of tricyclazole (5-methyl-1,2,4-triazol[3,4] benzothiazole), a specific DHNâ€“melanin inhibitor, on the morphology ofFonsecaea pedrosoi conidia and sclerotic cells. Microscopy Research and Technique, 2006, 69, 729-737.	1.2	48
75	Inhibition of melanin synthesis pathway by tricyclazole increases susceptibility ofFonsecaea pedrosoi against mouse macrophages. Microscopy Research and Technique, 2005, 68, 377-384.	1.2	54
76	Involvement of peptidorhamnomannan in the interaction of Pseudallescheria boydii and HEp2 cells. Microbes and Infection, 2004, 6, 1259-1267.	1.0	53
77	Melanin from Fonsecaea pedrosoi Induces Production of Human Antifungal Antibodies and Enhances the Antimicrobial Efficacy of Phagocytes. Infection and Immunity, 2004, 72, 229-237.	1.0	93
78	The influence of surface carbohydrates during in vitro infection of mammalian cells by the dermatophyte Trichophyton rubrum. Research in Microbiology, 2004, 155, 144-153.	1.0	53
79	In vitro activity of essential oil from Ocimum gratissimum L. against four Candida species. Research in Microbiology, 2004, 155, 579-586.	1.0	84
80	The role of surface carbohydrates on the interaction of microconidia ofTrichophyton mentagrophyteswith epithelial cells. FEMS Immunology and Medical Microbiology, 2003, 35, 113-123.	2.7	38
81	Sialic acids are absent from the dermatophytes Trichophyton mentagrophytes and Trichophyton rubrum. Die Dermatophyten Trichophyton mentagrophytes und Trichophyton rubrum sind Sialinsaure-negativ. Mycoses, 2003, 46, 197-202.	1.8	11
82	Phosphatase activity on the cell wall ofFonsecaeapedrosoi. Medical Mycology, 2003, 41, 469-477.	0.3	42
83	Protein kinase antagonists inhibit invasion of mammalian cells by Fonsecaea pedrosoi. Journal of Medical Microbiology, 2003, 52, 201-209.	0.7	11
84	Antimicrobial and antiviral activities of polyphenolics from Cocos nucifera Linn. (Palmae) husk fiber extract. Research in Microbiology, 2002, 153, 647-652.	1.0	215
85	Comparison of Fonsecaea pedrosoi sclerotic cells obtained in vivo and in vitro: ultrastructure and antigenicity. FEMS Immunology and Medical Microbiology, 2002, 33, 63-69.	2.7	15
86	Comparison ofFonsecaea pedrosoisclerotic cells obtained in vivo and in vitro: ultrastructure and antigenicity. FEMS Immunology and Medical Microbiology, 2002, 33, 63-69.	2.7	33
87	Human Antibodies against a Purified Glucosylceramide from Cryptococcus neoformans Inhibit Cell Budding and Fungal Growth. Infection and Immunity, 2000, 68, 7049-7060.	1.0	215
88	Morphometric and densitometric study of the biogenesis of electron-dense granules inFonsecaea pedrosoi. FEMS Microbiology Letters, 1999, 173, 395-402.	0.7	26
89	Chromoblastomycosis: a retrospective study of 325 cases on Amazonic Region (Brazil). Mycopathologia, 1998, 143, 171-175.	1.3	141
90	Anionogenic groups and surface sialoglycoconjugate structures of yeast forms of the human pathogen Paracoccidioides brasiliensis. Microbiology (United Kingdom), 1998, 144, 309-314.	0.7	24

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91	The influence of surface carbohydrates on the interaction of Fonsecaea pedrosoi with Chinese hamster ovary glycosylation mutant cells. Mycopathologia, 1997, 138, 127-135.	1.3	16
92	Identification of N-acetylneuraminic acid and its 9-O-acetylated derivative on the cell surface of Cryptococcus neoformans: influence on fungal phagocytosis. Infection and Immunity, 1997, 65, 4937-4942.	1.0	44
93	Fine structure and cytochemical study of the interaction betweenFonsecaea pedrosoiand rat polymorphonuclear leukocyte. Medical Mycology, 1996, 34, 323-330.	0.3	29
94	The in vitro susceptibility ofFonsecaea pedrosoi to activated macrophages. Mycopathologia, 1994, 126, 85-91.	1.3	59
95	Biofilm Formation as a Pathogenicity Factor of Medically Important Fungi. , 0, , .		8