

Sã'nia Rozental

List of Publications by Year in descending order

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96
papers

3,264
citations

136940

32
h-index

175241

52
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97
all docs

97
docs citations

97
times ranked

3347
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Antibodies against a Purified Glucosylceramide from <i>Cryptococcus neoformans</i> Inhibit Cell Budding and Fungal Growth. <i>Infection and Immunity</i> , 2000, 68, 7049-7060.	2.2	215
2	Antimicrobial and antiviral activities of polyphenolics from <i>Cocos nucifera</i> Linn. (Palmae) husk fiber extract. <i>Research in Microbiology</i> , 2002, 153, 647-652.	2.1	215
3	Chromoblastomycosis: a retrospective study of 325 cases on Amazonic Region (Brazil). <i>Mycopathologia</i> , 1998, 143, 171-175.	3.1	141
4	The plant defensin RsAFP2 induces cell wall stress, septin mislocalization and accumulation of ceramides in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2012, 84, 166-180.	2.5	123
5	Silver nanoparticle production by the fungus <i>Fusarium oxysporum</i> : nanoparticle characterisation and analysis of antifungal activity against pathogenic yeasts. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 220-228.	1.6	100
6	Biology and pathogenesis of <i>Fonsecaea pedrosoi</i> , the major etiologic agent of chromoblastomycosis. <i>FEMS Microbiology Reviews</i> , 2007, 31, 570-591.	8.6	95
7	Melanin from <i>Fonsecaea pedrosoi</i> Induces Production of Human Antifungal Antibodies and Enhances the Antimicrobial Efficacy of Phagocytes. <i>Infection and Immunity</i> , 2004, 72, 229-237.	2.2	93
8	Susceptibility of <i>Sporothrix brasiliensis</i> isolates to amphotericin B, azoles, and terbinafine. <i>Medical Mycology</i> , 2015, 53, 178-188.	0.7	88
9	In vitro activity of essential oil from <i>Ocimum gratissimum</i> L. against four <i>Candida</i> species. <i>Research in Microbiology</i> , 2004, 155, 579-586.	2.1	84
10	The Antifungal Activity of Naphthoquinones: An Integrative Review. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1187-1214.	0.8	76
11	Multicenter, International Study of MIC/MEC Distributions for Definition of Epidemiological Cutoff Values for <i>Sporothrix</i> Species Identified by Molecular Methods. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	72
12	Melanin in <i>Fonsecaea pedrosoi</i> : a trap for oxidative radicals. <i>BMC Microbiology</i> , 2010, 10, 80.	3.3	69
13	Effect of alkylphospholipids on <i>Candida albicans</i> biofilm formation and maturation. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 113-125.	3.0	64
14	The in vitro susceptibility of <i>Fonsecaea pedrosoi</i> to activated macrophages. <i>Mycopathologia</i> , 1994, 126, 85-91.	3.1	59
15	Ultrastructural characterization of melanosomes of the human pathogenic fungus <i>Fonsecaea pedrosoi</i> . <i>Journal of Structural Biology</i> , 2008, 162, 75-84.	2.8	59
16	Synergism Effect of the Essential Oil from <i>Ocimum basilicum</i> var. Maria Bonita and Its Major Components with Fluconazole and Its Influence on Ergosterol Biosynthesis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-12.	1.2	55
17	Inhibition of melanin synthesis pathway by tricyclazole increases susceptibility of <i>Fonsecaea pedrosoi</i> against mouse macrophages. <i>Microscopy Research and Technique</i> , 2005, 68, 377-384.	2.2	54
18	Involvement of peptidorhamnomannan in the interaction of <i>Pseudallescheria boydii</i> and HEp2 cells. <i>Microbes and Infection</i> , 2004, 6, 1259-1267.	1.9	53

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19	The influence of surface carbohydrates during in vitro infection of mammalian cells by the dermatophyte <i>Trichophyton rubrum</i> . <i>Research in Microbiology</i> , 2004, 155, 144-153.	2.1	53
20	Effects of tricyclazole (5-methyl-1,2,4-triazol[3,4] benzothiazole), a specific DHN��melanin inhibitor, on the morphology of <i>Fonsecaea pedrosoi</i> conidia and sclerotic cells. <i>Microscopy Research and Technique</i> , 2006, 69, 729-737.	2.2	48
21	<i>In Vitro</i> Activity of Miltefosine against <i>Candida albicans</i> under Planktonic and Biofilm Growth Conditions and <i>In Vivo</i> Efficacy in a Murine Model of Oral Candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7611-7620.	3.2	46
22	The <i>Aspergillus fumigatus</i> transcription factor Ace2 governs pigment production, conidiation and virulence. <i>Molecular Microbiology</i> , 2009, 72, 155-169.	2.5	45
23	A new model of in vitro fungal biofilms formed on human nail fragments allows reliable testing of laser and light therapies against onychomycosis. <i>Lasers in Medical Science</i> , 2015, 30, 1031-1039.	2.1	45
24	Miltefosine inhibits <i>Candida albicans</i> and non- <i>albicans Candida</i> spp. biofilms and impairs the dispersion of infectious cells. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 512-520.	2.5	45
25	Identification of N-acetylneuraminic acid and its 9-O-acetylated derivative on the cell surface of <i>Cryptococcus neoformans</i> : influence on fungal phagocytosis. <i>Infection and Immunity</i> , 1997, 65, 4937-4942.	2.2	44
26	Phosphatase activity on the cell wall of <i>Fonsecaea pedrosoi</i> . <i>Medical Mycology</i> , 2003, 41, 469-477.	0.7	42
27	Miltefosine Has a Postantifungal Effect and Induces Apoptosis in <i>Cryptococcus</i> Yeasts. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	41
28	Biofilm Formation by <i>Pseudallescheria/Scedosporium</i> Species: A Comparative Study. <i>Frontiers in Microbiology</i> , 2017, 8, 1568.	3.5	40
29	The role of surface carbohydrates on the interaction of microconidia of <i>Trichophyton mentagrophytes</i> with epithelial cells. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 35, 113-123.	2.7	38
30	Miltefosine is active against <i>Sporothrix brasiliensis</i> isolates with in vitro low susceptibility to amphotericin B or itraconazole. <i>Journal of Medical Microbiology</i> , 2015, 64, 415-422.	1.8	37
31	Proanthocyanidins polymeric tannin from <i>Stryphnodendron adstringens</i> are active against <i>Candida albicans</i> biofilms. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 68.	3.7	35
32	Functional characterization of the <i>Aspergillus nidulans</i> glucosylceramide pathway reveals that LCB 1 desaturation and C9 methylation are relevant to filamentous growth, lipid raft localization and β -1,3-glucanase activity. <i>Molecular Microbiology</i> , 2016, 102, 488-505.	2.5	34
33	Comparison of <i>Fonsecaea pedrosoi</i> sclerotic cells obtained in vivo and in vitro: ultrastructure and antigenicity. <i>FEMS Immunology and Medical Microbiology</i> , 2002, 33, 63-69.	2.7	33
34	Beneficial Effects of HIV Peptidase Inhibitors on <i>Fonsecaea pedrosoi</i> : Promising Compounds to Arrest Key Fungal Biological Processes and Virulence. <i>PLoS ONE</i> , 2008, 3, e3382.	2.5	33
35	Activity of tannins from <i>Stryphnodendron adstringens</i> on <i>Cryptococcus neoformans</i> : effects on growth, capsule size and pigmentation. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2009, 8, 29.	3.8	31
36	Fine structure and cytochemical study of the interaction between <i>Fonsecaea pedrosoi</i> and rat polymorphonuclear leukocyte. <i>Medical Mycology</i> , 1996, 34, 323-330.	0.7	29

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37	Amphotericin B, alone or followed by itraconazole therapy, is effective in the control of experimental disseminated sporotrichosis by <i>Sporothrix brasiliensis</i> . <i>Medical Mycology</i> , 2015, 53, 34-41.	0.7	29
38	Miltefosine is effective against <i>Candida albicans</i> and <i>Fusarium oxysporum</i> nail biofilms in vitro. <i>Journal of Medical Microbiology</i> , 2015, 64, 1436-1449.	1.8	29
39	Metal-azole fungistatic drug complexes as anti- <i>Sporothrix</i> spp. agents. <i>New Journal of Chemistry</i> , 2018, 42, 13641-13650.	2.8	28
40	Growth inhibition and ultrastructural alterations induced by $\text{I}^{24}(25)$ -sterol methyltransferase inhibitors in <i>Candida</i> spp. isolates, including non- <i>albicans</i> organisms. <i>BMC Microbiology</i> , 2009, 9, 74.	3.3	27
41	Morphometric and densitometric study of the biogenesis of electron-dense granules in <i>Fonsecaea pedrosoi</i> . <i>FEMS Microbiology Letters</i> , 1999, 173, 395-402.	1.8	26
42	Anionogenic groups and surface sialoglycoconjugate structures of yeast forms of the human pathogen <i>Paracoccidioides brasiliensis</i> . <i>Microbiology (United Kingdom)</i> , 1998, 144, 309-314.	1.8	24
43	Biochemical properties of the major proteins from <i>Rhodnius prolixus</i> eggshell. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1207-1221.	2.7	24
44	Melanin biosynthesis in pathogenic species of <i>Sporothrix</i> . <i>Fungal Biology Reviews</i> , 2017, 31, 50-59.	4.7	23
45	L-DOPA accessibility in culture medium increases melanin expression and virulence of <i>Sporothrix schenckii</i> yeast cells. <i>Medical Mycology</i> , 2010, 48, 687-695.	0.7	22
46	Proteomic Analysis of the Secretions of <i>Pseudallescheria boydii</i> , a Human Fungal Pathogen with Unknown Genome. <i>Journal of Proteome Research</i> , 2012, 11, 172-188.	3.7	21
47	Terbinafine inhibits <i>Cryptococcus neoformans</i> growth and modulates fungal morphology. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 582-590.	1.6	21
48	Investigation of a Microemulsion Containing Clotrimazole and Itraconazole for Transdermal Delivery for the Treatment of Sporotrichosis. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1026-1034.	3.3	21
49	Identification, antifungal susceptibility and scanning electron microscopy of a keratinolytic strain of <i>Rhodotorula mucilaginosa</i> : a primary causative agent of onychomycosis. <i>FEMS Immunology and Medical Microbiology</i> , 2009, 55, 396-403.	2.7	20
50	Phagocytosis of <i>Fonsecaea pedrosoi</i> conidia, but not sclerotic cells caused by Langerhans cells, inhibits CD40 and B7-2 expression. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 50, 104-111.	2.7	19
51	Green Synthesis of Silver Nanoparticles Using Maltose and Cysteine and Their Effect on Cell Wall Envelope Shapes and Microbial Growth of <i>Candida</i> spp.. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 1729-1739.	0.9	19
52	Bioproducts from the pyrolysis of castor seed cake: Basic dye adsorption capacity of biochar and antifungal activity of the aqueous phase. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104825.	6.7	19
53	Antifungal promising agents of zinc(II) and copper(II) derivatives based on azole drug. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111401.	3.5	19
54	I^{24} -Sterol Methyltransferase Plays an Important Role in the Growth and Development of <i>Sporothrix schenckii</i> and <i>Sporothrix brasiliensis</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 311.	3.5	18

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55	Biodegradation of keratin by <i>Trichosporum loubieri</i> RC-S6 isolated from tannery/leather waste. <i>International Biodeterioration and Biodegradation</i> , 2016, 115, 199-204.	3.9	18
56	Tacrolimus Increases the Effectiveness of Itraconazole and Fluconazole against <i>Sporothrix</i> spp.. <i>Frontiers in Microbiology</i> , 2017, 8, 1759.	3.5	18
57	Synthetic arylquinuclidine derivatives exhibit antifungal activity against <i>Candida albicans</i> , <i>Candida tropicalis</i> and <i>Candida parapsilopsis</i> . <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2011, 10, 3.	3.8	17
58	<i>Cryptococcus neoformans</i> Is Internalized by Receptor-Mediated or "Triggered" Phagocytosis, Dependent on Actin Recruitment. <i>PLoS ONE</i> , 2014, 9, e89250.	2.5	17
59	The influence of surface carbohydrates on the interaction of <i>Fonsecaea pedrosoi</i> with Chinese hamster ovary glycosylation mutant cells. <i>Mycopathologia</i> , 1997, 138, 127-135.	3.1	16
60	Identification of two potential inhibitors of <i>Sporothrix brasiliensis</i> and <i>Sporothrix schenckii</i> in the Pathogen Box collection. <i>PLoS ONE</i> , 2020, 15, e0240658.	2.5	16
61	Comparison of <i>Fonsecaea pedrosoi</i> sclerotic cells obtained in vivo and in vitro: ultrastructure and antigenicity. <i>FEMS Immunology and Medical Microbiology</i> , 2002, 33, 63-69.	2.7	15
62	Chemical Composition and Antifungal Properties of Essential Oil of <i>Origanum vulgare</i> Linnaeus (Lamiaceae) against <i>Sporothrix schenckii</i> and <i>Sporothrix brasiliensis</i> . <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 14, 1207.	0.3	15
63	Synthesis, Stability Studies, and Antifungal Evaluation of Substituted 1- and 2,3-Dihydrofuranaphthoquinones against <i>Sporothrix brasiliensis</i> and <i>Sporothrix schenckii</i> . <i>Molecules</i> , 2019, 24, 930.	3.8	13
64	Synthesis and Biological Activity of Novel Zinc-Itraconazole Complexes in Protozoan Parasites and <i>Sporothrix</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	13
65	1,10-Phenanthroline Inhibits the Metallopeptidase Secreted by <i>Phialophora verrucosa</i> and Modulates its Growth, Morphology and Differentiation. <i>Mycopathologia</i> , 2015, 179, 231-242.	3.1	12
66	The Role of Hydrophobicity and Surface Receptors at Hyphae of <i>Lyophyllum</i> sp. Strain Karsten in the Interaction with <i>Burkholderia terrae</i> BS001 " Implications for Interactions in Soil. <i>Frontiers in Microbiology</i> , 2016, 7, 1689.	3.5	12
67	Melanin particles isolated from the fungus <i>Fonsecaea pedrosoi</i> activates the human complement system. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e180120.	1.6	12
68	Sphingolipid biosynthetic pathway is crucial for growth, biofilm formation and membrane integrity of <i>Scedosporium boydii</i> . <i>Future Medicinal Chemistry</i> , 2019, 11, 2905-2917.	2.3	12
69	<i>Sporothrix</i> spp. Biofilms Impact in the Zoonotic Transmission Route: Feline Claws Associated Biofilms, Itraconazole Tolerance, and Potential Repurposing for Miltefosine. <i>Pathogens</i> , 2022, 11, 206.	2.8	12
70	Sialic acids are absent from the dermatophytes <i>Trichophyton mentagrophytes</i> and <i>Trichophyton rubrum</i> . <i>Die Dermatophyten Trichophyton mentagrophytes und Trichophyton rubrum sind Sialinsure-negativ</i> . <i>Mycoses</i> , 2003, 46, 197-202.	4.0	11
71	Protein kinase antagonists inhibit invasion of mammalian cells by <i>Fonsecaea pedrosoi</i> . <i>Journal of Medical Microbiology</i> , 2003, 52, 201-209.	1.8	11
72	Antimicrobial activity of <i>Paenibacillus kribbensis</i> POC 115 against the dermatophyte <i>Trichophyton rubrum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 953-962.	3.6	11

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73	Clotrimazole is highly effective in vitro against feline <i>Sporothrix brasiliensis</i> isolates. <i>Journal of Medical Microbiology</i> , 2017, 66, 1573-1580.	1.8	11
74	Cellular characterisation of <i>Candida tropicalis</i> presenting fluconazole-related trailing growth. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 31-38.	1.6	10
75	Miltefosine Against <i>Scedosporium</i> and <i>Lomentospora</i> Species: Antifungal Activity and Its Effects on Fungal Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 698662.	3.9	10
76	<i>In Vitro</i> and <i>In Vivo</i> Antifungal Activity of Buparvaquone against <i>Sporothrix brasiliensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0069921.	3.2	10
77	Synthesis and Antifungal Activity of Coumarins Derivatives Against <i>Sporothrix</i> spp.. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 164-171.	2.1	10
78	Two squalene synthase inhibitors, E5700 and ER-119884, interfere with cellular proliferation and induce ultrastructural and lipid profile alterations in a <i>Candida tropicalis</i> strain resistant to fluconazole, itraconazole, and amphotericin B. <i>Journal of Infection and Chemotherapy</i> , 2011, 17, 563-570.	1.7	9
79	<i>Candida albicans</i> biofilms: comparative analysis of room temperature and cryofixation for scanning electron microscopy. <i>Journal of Microscopy</i> , 2017, 267, 409-419.	1.8	9
80	Efficacy of a poly-aggregated formulation of amphotericin B in treating systemic sporotrichosis caused by <i>Sporothrix brasiliensis</i> . <i>Medical Mycology</i> , 2018, 56, 288-296.	0.7	9
81	Anti- <i>Sporothrix</i> activity of ibuprofen combined with antifungal. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 101-106.	2.0	9
82	A novel naphthoquinone derivative shows selective antifungal activity against <i>Sporothrix</i> yeasts and biofilms. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 749-758.	2.0	9
83	Effects of 7-Hydroxycalamenene Isolated from <i>Croton cajucara</i> Essential Oil on Growth, Lipid Content and Ultrastructural Aspects of <i>Rhizopus oryzae</i> . <i>Planta Medica</i> , 2014, 80, 550-556.	1.3	8
84	Biofilm Formation as a Pathogenicity Factor of Medically Important Fungi. , 0, , .		8
85	HIV Aspartic Peptidase Inhibitors Modulate Surface Molecules and Enzyme Activities Involved with Physiopathological Events in <i>Fonsecaea pedrosoi</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 918.	3.5	8
86	Identification of Promising Antifungal Drugs against <i>Scedosporium</i> and <i>Lomentospora</i> Species after Screening of Pathogen Box Library. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 803.	3.5	8
87	TGF- β 2 plasma levels in chromoblastomycosis patients during itraconazole treatment. <i>Cytokine</i> , 2010, 51, 202-206.	3.2	7
88	Adamantylidene-substituted alkylphosphocholine TCAN26 is more active against <i>Sporothrix schenckii</i> than miltefosine. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 523-527.	1.6	7
89	Activity of Metal-Azole Complexes Against Biofilms of <i>Candida albicans</i> and <i>Candida glabrata</i> . <i>Current Pharmaceutical Design</i> , 2020, 26, 1524-1531.	1.9	7
90	Ultrastructural viewpoints on the interaction events of <i>Scedosporium apiospermum</i> conidia with lung and macrophage cells. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e180311.	1.6	6

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91	Negative correlation between phospholipase and esterase activity produced by <i>Fusarium</i> isolates. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 411-416.	1.5	5
92	Metal-azasterol complexes: Synthesis, characterization, interaction studies with DNA and TrxR and Biological Evaluation. <i>Journal of the Mexican Chemical Society</i> , 2017, 61, .	0.6	5
93	Formulation and Evaluation of a Novel Itraconazole-Clotrimazole Topical Emulgel for the Treatment of Sporotrichosis. <i>Current Pharmaceutical Design</i> , 2020, 26, 1566-1570.	1.9	3
94	Synthesis, characterization and biological evaluation of zinc and copper azasterol complexes against <i>Sporothrix brasiliensis</i> . <i>New Journal of Chemistry</i> , 2021, 45, 20840-20849.	2.8	2
95	Characterization of <i>Aspergillus nidulans</i> Biofilm Formation and Structure and Their Inhibition by Pea Defensin Psd2. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 795255.	3.5	0
96	Morphometric and densitometric study of the biogenesis of electron-dense granules in <i>Fonsecaea pedrosoi</i> . <i>FEMS Microbiology Letters</i> , 1999, 173, 395-402.	1.8	0