

Eliana Barreto-Bergter

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,131
citations

236833
25
h-index

233338
45
g-index

59
all docs

59
docs citations

59
times ranked

1960
citing authors

#	ARTICLE	IF	CITATIONS
1	A fungal glycoprotein mitigates passion fruit woodiness disease caused by Cowpea aphid-borne mosaic virus (CABMV) in <i>Passiflora edulis</i> . <i>BioControl</i> , 2022, 67, 75-87.	0.9	4
2	Passion fruit plants treated with biostimulants induce defense-related and phytohormone-associated genes. <i>Plant Gene</i> , 2022, 30, 100357.	1.4	5
3	Glucosylceramides from <i>Cladosporium</i> and Their Roles in Fungi-Plant Interaction. <i>Microbiology Research</i> , 2022, 13, 350-365.	0.8	0
4	Peptidorhamanomanan: A surface fungal glycoconjugate from <i>Scedosporium aurantiacum</i> and <i>Scedosporium minutisporum</i> and its recognition by macrophages. <i>Medical Mycology</i> , 2021, 59, 441-452.	0.3	7
5	Peptidogalactomannan from <i>Histoplasma capsulatum</i> yeast cell wall: role of the chemical structure in recognition and activation by peritoneal macrophages. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 479-489.	0.8	0
6	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.	1.8	10
7	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.	1.5	8
8	Peptidorhamnomannans From <i>Scedosporium</i> and <i>Lomentospora</i> Species Display Microbicidal Activity Against Bacteria Commonly Present in Cystic Fibrosis Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 598823.	1.8	6
9	Peptidorhamnomannan from <i>Lomentospora prolificans</i> modulates the inflammatory response in macrophages infected with <i>Candida albicans</i> . <i>BMC Microbiology</i> , 2020, 20, 245.	1.3	4
10	Glucosylceramide Plays a Role in Fungal Germination, Lipid Raft Organization and Biofilm Adhesion of the Pathogenic Fungus <i>Scedosporium aurantiacum</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 345.	1.5	6
11	<i>Scedosporium</i> Cell Wall: From Carbohydrate-Containing Structures to Host-Pathogen Interactions. <i>Mycopathologia</i> , 2020, 185, 931-946.	1.3	10
12	Antiviral activity of glucosylceramides isolated from <i>Fusarium oxysporum</i> against Tobacco mosaic virus infection. <i>PLoS ONE</i> , 2020, 15, e0242887.	1.1	8
13	Sphingolipids: Functional and Biological Aspects in Mammals, Plants, and Fungi. <i>Springer Protocols</i> , 2020, , 21-40.	0.1	1
14	1,6-linked Galactofuranose- rich peptidogalactomannan of <i>Fusarium oxysporum</i> is important in the activation of macrophage mechanisms and as a potential diagnostic antigen. <i>Medical Mycology</i> , 2019, 57, 234-245.	0.3	7
15	Structural Differences Influence Biological Properties of Glucosylceramides from Clinical and Environmental Isolates of <i>Scedosporium aurantiacum</i> and <i>Pseudallescheria minutispora</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 62.	1.5	6
16	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.	1.1	12
17	Glucosylceramides From <i>Lomentospora prolificans</i> Induce a Differential Production of Cytokines and Increases the Microbicidal Activity of Macrophages. <i>Frontiers in Microbiology</i> , 2019, 10, 554.	1.5	14
18	Psd2 pea defensin shows a preference for mimetic membrane rafts enriched with glucosylceramide and ergosterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 713-728.	1.4	17

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19	A peptidogalactomannan isolated from <i>Cladosporium herbarum</i> induces defense-related genes in BY-2 tobacco cells. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 206-216.	2.8	10
20	<i>Scedosporium</i> and <i>Lomentospora</i> : an updated overview of underrated opportunists. <i>Medical Mycology</i> , 2018, 56, S102-S125.	0.3	186
21	Monohexosylceramides from <i>Rhizopus</i> Species Isolated from Brazilian Caatinga: Chemical Characterization and Evaluation of Their Anti-Biofilm and Antibacterial Activities. <i>Molecules</i> , 2018, 23, 1331.	1.7	6
22	Biofilm Formation by <i>Pseudallescheria/Scedosporium</i> Species: A Comparative Study. <i>Frontiers in Microbiology</i> , 2017, 8, 1568.	1.5	40
23	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.	1.5	12
24	Chemotaxis and adherence to fungal surfaces are key components of the behavioral response of <i>Burkholderia terrae</i> BS001 to two selected soil fungi. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw164.	1.3	19
25	Sphingolipids as targets for treatment of fungal infections. <i>Future Medicinal Chemistry</i> , 2016, 8, 1469-1484.	1.1	74
26	Peptidorhamnomannan negatively modulates the immune response in a scedosporiosis murine model. <i>Medical Mycology</i> , 2016, 54, 846-855.	0.3	8
27	Structural analysis of glucosylceramides (GlcCer) from species of the <i>Pseudallescheria/Scedosporium</i> complex. <i>Fungal Biology</i> , 2016, 120, 166-172.	1.1	12
28	O-Glycosylation in Cell Wall Proteins in <i>Scedosporium prolificans</i> Is Critical for Phagocytosis and Inflammatory Cytokines Production by Macrophages. <i>PLoS ONE</i> , 2015, 10, e0123189.	1.1	26
29	Fungal glycans and the innate immune recognition. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 145.	1.8	84
30	Characterization of <i>Scedosporium apiospermum</i> Glucosylceramides and Their Involvement in Fungal Development and Macrophage Functions. <i>PLoS ONE</i> , 2014, 9, e98149.	1.1	36
31	Structural Characterization and Anti-HSV-1 and HSV-2 Activity of Glycolipids from the Marine Algae <i>Osmundaria obtusiloba</i> Isolated from Southeastern Brazilian Coast. <i>Marine Drugs</i> , 2012, 10, 918-931.	2.2	63
32	Toll-like receptors (TLR2 and TLR4) recognize polysaccharides of <i>Pseudallescheria boydii</i> cell wall. <i>Carbohydrate Research</i> , 2012, 356, 260-264.	1.1	69
33	Structural Analysis of Fungal Cerebrosides. <i>Frontiers in Microbiology</i> , 2011, 2, 239.	1.5	46
34	Metallopeptidase inhibitors arrest vital biological processes in the fungal pathogen <i>Scedosporium apiospermum</i> . <i>Mycoses</i> , 2011, 54, 105-112.	1.8	14
35	Glycoconjugates and polysaccharides from the <i>Scedosporium/Pseudallescheria boydii</i> complex: structural characterisation, involvement in cell differentiation, cell recognition and virulence. <i>Mycoses</i> , 2011, 54, 28-36.	1.8	31
36	Monoclonal Antibodies Against Peptidorhamnomannans of <i>Scedosporium apiospermum</i> Enhance the Pathogenicity of the Fungus. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e853.	1.3	28

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37	TLR4 Recognizes <i>Pseudallescheria boydii</i> Conidia and Purified Rhamnomannans. <i>Journal of Biological Chemistry</i> , 2010, 285, 40714-40723.	1.6	38
38	Î ² -Galactofuranose-containing structures present in the cell wall of the saprophytic fungus <i>Cladosporium</i> (<i>Hormoconis</i>) <i>resinae</i> . <i>Research in Microbiology</i> , 2010, 161, 720-728.	1.0	15
39	Proteins and Peptidases from Conidia and Mycelia of <i>Scedosporium apiospermum</i> Strain HLPB. <i>Mycopathologia</i> , 2009, 167, 25-30.	1.3	17
40	Biochemical characterization of potential virulence markers in the human fungal pathogen <i>Pseudallescheria boydii</i> . <i>Medical Mycology</i> , 2009, 47, 375-386.	0.3	24
41	In Vitro Activity of the Antifungal Plant Defensin RsAFP2 against <i>Candida</i> Isolates and Its In Vivo Efficacy in Prophylactic Murine Models of Candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4522-4525.	1.4	79
42	Monoclonal Antibody to Fungal Glucosylceramide Protects Mice against Lethal <i>Cryptococcus neoformans</i> Infection. <i>Vaccine Journal</i> , 2007, 14, 1372-1376.	3.2	74
43	Mycelial forms of <i>Pseudallescheria boydii</i> present ectophosphatase activities. <i>Archives of Microbiology</i> , 2007, 188, 159-166.	1.0	23
44	<i>Pseudallescheria boydii</i> releases metallopeptidases capable of cleaving several proteinaceous compounds. <i>Research in Microbiology</i> , 2006, 157, 425-432.	1.0	44
45	Extracellular Peptidase in the Fungal Pathogen <i>Pseudallescheria boydii</i> . <i>Current Microbiology</i> , 2006, 53, 18-22.	1.0	34
46	An Î±-Glucan of <i>Pseudallescheria boydii</i> Is Involved in Fungal Phagocytosis and Toll-like Receptor Activation. <i>Journal of Biological Chemistry</i> , 2006, 281, 22614-22623.	1.6	127
47	Ceramide glycosylation and fatty acid hydroxylation influence serological reactivity in <i>Trypanosoma cruzi</i> glycosphingolipids. <i>FEMS Microbiology Letters</i> , 2005, 244, 47-52.	0.7	7
48	Structures of the O-linked oligosaccharides of a complex glycoconjugate from <i>Pseudallescheria boydii</i> . <i>Glycobiology</i> , 2005, 15, 895-904.	1.3	28
49	Structure, Cellular Distribution, Antigenicity, and Biological Functions of <i>Fonsecaea pedrosoi</i> Ceramide Monohexosides. <i>Infection and Immunity</i> , 2005, 73, 7860-7868.	1.0	49
50	A monoclonal antibody to glucosylceramide inhibits the growth of <i>Fonsecaea pedrosoi</i> and enhances the antifungal action of mouse macrophages. <i>Microbes and Infection</i> , 2004, 6, 657-665.	1.0	64
51	Involvement of peptidorhamnomannan in the interaction of <i>Pseudallescheria boydii</i> and HEp2 cells. <i>Microbes and Infection</i> , 2004, 6, 1259-1267.	1.0	53
52	Glucosylceramides in <i>Colletotrichum gloeosporioides</i> are involved in the differentiation of conidia into mycelial cells. <i>FEBS Letters</i> , 2004, 561, 137-143.	1.3	56
53	Structure and biological functions of fungal cerebroside. <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 67-84.	0.3	79
54	Humoral Immune Response in Aspergillosis: An Immunodominant Glycoprotein of 35 kDa from <i>Aspergillus flavus</i> . <i>Current Microbiology</i> , 2003, 47, 0163-0168.	1.0	6

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55	Â-Galactofuranose-containing O-linked oligosaccharides present in the cell wall peptidogalactomannan of <i>Aspergillus fumigatus</i> contain immunodominant epitopes. <i>Glycobiology</i> , 2003, 13, 681-692.	1.3	96
56	Characterization of glucosylceramides in <i>Pseudallescheria boydii</i> and their involvement in fungal differentiation. <i>Glycobiology</i> , 2002, 12, 251-260.	1.3	96
57	Glycosphingolipids from <i>Magnaporthe grisea</i> cells: expression of a ceramide dihexoside presenting phytosphingosine as the long-chain base. <i>Archives of Biochemistry and Biophysics</i> , 2002, 405, 205-213.	1.4	17
58	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.	1.0	215