

Hector Manuel Mora Montes

List of Publications by Year in descending order

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111
papers

5,103
citations

117625

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95266

68
g-index

115
all docs

115
docs citations

115
times ranked

4796
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Models to Study the Sporothrix-Host Interaction. <i>Frontiers in Fungal Biology</i> , 2022, 3, .	2.0	4
2	Mucormycosis and COVID-19-Associated Mucormycosis: Insights of a Deadly but Neglected Mycosis. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 445.	3.5	11
3	Biological and Clinical Attributes of <i>Sporothrix globosa</i> , a Causative Agent of Sporotrichosis. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 2067-2090.	2.7	12
4	Editorial: The Role of Glycans in Infectious Disease. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	0
5	Genome-Wide Mutant Screening in Yeast Reveals that the Cell Wall is a First Shield to Discriminate Light From Heavy Lanthanides. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	7
6	The Search for Cryptic L-Rhamnosyltransferases on the <i>Sporothrix schenckii</i> Genome. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 529.	3.5	3
7	Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 253-265.	2.4	7
8	The Cell Wall of Medically Relevant Yeasts and Molds. , 2021, , 12-22.		0
9	<i>Tenebrio molitor</i> as an Alternative Model to Analyze the <i>Sporothrix</i> Species Virulence. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 2059-2072.	2.7	14
10	ALG1-CDG Caused by Non-functional Alternative Splicing Involving a Novel Pathogenic Complex Allele. <i>Frontiers in Genetics</i> , 2021, 12, 744884.	2.3	2
11	Comparison of Cell Wall Polysaccharide Composition and Structure Between Strains of <i>Sporothrix schenckii</i> and <i>Sporothrix brasiliensis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 726958.	3.5	13
12	Non-functional alternative splicing caused by a Latino pathogenic variant in a case of PMM2-CDG. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 28, 100781.	1.1	1
13	Disruption of protein rhamnosylation affects the <i>Sporothrix schenckii</i> -host interaction. <i>Cell Surface</i> , 2021, 7, 100058.	3.0	13
14	Role of Protein Glycosylation in Interactions of Medically Relevant Fungi with the Host. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 875.	3.5	12
15	The Heat Shock Protein 60 and Pap1 Participate in the <i>Sporothrix schenckii</i> -Host Interaction. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 960.	3.5	17
16	New antifungal 4-chloro-3-nitrophenyldifluoroiodomethyl sulfone reduces the <i>Candida albicans</i> pathogenicity in the <i>Galleria mellonella</i> model organism. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 5-14.	2.0	7
17	Overexpression of the <i>celA1</i> gene in BCG modifies surface pellicle, glucosamine content in biofilms, and affects in vivo replication. <i>Tuberculosis</i> , 2020, 125, 102005.	1.9	1
18	Differences in fungal immune recognition by monocytes and macrophages: N-mannan can be a shield or activator of immune recognition. <i>Cell Surface</i> , 2020, 6, 100042.	3.0	30

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19	Early Virulence Predictors during the <i>Candida Species</i> – <i>Galleria mellonella</i> Interaction. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 152.	3.5	16
20	Influences of the Culturing Media in the Virulence and Cell Wall of <i>Sporothrix schenckii</i> , <i>Sporothrix brasiliensis</i> , and <i>Sporothrix globosa</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 323.	3.5	21
21	Loss of Kex2 Affects the <i>Candida albicans</i> Cell Wall and Interaction with Innate Immune Cells. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 57.	3.5	12
22	<p>Current Aspects in the Biology, Pathogeny, and Treatment of <i>Candida krusei</i>, a Neglected Fungal Pathogen<p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 1673-1689.	2.7	36
23	Coinfection of domestic felines by distinct <i>Sporothrix brasiliensis</i> in the Brazilian sporotrichosis hyperendemic area. <i>Fungal Genetics and Biology</i> , 2020, 140, 103397.	2.1	15
24	Proteins as Virulence Factors and Immune Modulators During the Host-Fungus Interaction. <i>Current Protein and Peptide Science</i> , 2020, 21, 226-226.	1.4	1
25	Transcriptome-wide expression profiling of <i>Sporothrix schenckii</i> yeast and mycelial forms and the establishment of the <i>Sporothrix</i> Genome DataBase. <i>Microbial Genomics</i> , 2020, 6, .	2.0	12
26	Virulence Factors in <i>Sporothrix schenckii</i>, One of the Causative Agents of Sporotrichosis. <i>Current Protein and Peptide Science</i> , 2020, 21, 295-312.	1.4	18
27	Silencing of <i>OCH1</i> unveils the role of <i>Sporothrix schenckii</i> <i>N</i>-linked glycans during the host–fungus interaction. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 67-85.	2.7	20
28	Polysialic acid is expressed in human naÃve CD4+ T cells and is involved in modulating activation. <i>Glycobiology</i> , 2019, 29, 557-564.	2.5	9
29	Human adenovirus type 5 increases host cell fucosylation and modifies Ley antigen expression. <i>Glycobiology</i> , 2019, 29, 469-478.	2.5	3
30	Analysis of some immunogenic properties of the recombinant <i>Sporothrix schenckii</i> Gp70 expressed in <i>Escherichia coli</i>. <i>Future Microbiology</i> , 2019, 14, 397-410.	2.0	13
31	<p>Differential recognition of <i>Candida tropicalis</i>, <i>Candida guilliermondii</i>, <i>Candida krusei</i>, and <i>Candida auris</i> by human innate immune cells<p>. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 783-794.	2.7	83
32	<i>Candida parapsilosis</i> : from Genes to the Bedside. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	13.6	182
33	Effects of the binding of a <i>Helianthus annuus</i> lectin to <i>Candida albicans</i> cell wall on biofilm development and adhesion to host cells. <i>Phytomedicine</i> , 2019, 58, 152875.	5.3	22
34	A Perspective on the Role of Proteins and Peptides in the Virulence and Pathogenesis. <i>Current Protein and Peptide Science</i> , 2019, 20, 960-961.	1.4	1
35	Role of Protein Mannosylation in the <i>Candida tropicalis</i> -Host Interaction. <i>Frontiers in Microbiology</i> , 2019, 10, 2743.	3.5	10
36	A perspective on the role of proteins and peptides in the virulence and pathogenesis. <i>Current Protein and Peptide Science</i> , 2019, 20, .	1.4	0

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37	Functional characterization of the <i>Sporothrix schenckii</i> Ktr4 and Ktr5, mannosyltransferases involved in the N-linked glycosylation pathway. <i>Research in Microbiology</i> , 2018, 169, 188-197.	2.1	3
38	Role of protein phosphomannosylation in the <i>Candida tropicalis</i> macrophage interaction. <i>FEMS Yeast Research</i> , 2018, 18, .	2.3	21
39	Sporotrichosis between 1898 and 2017: The evolution of knowledge on a changeable disease and on emerging etiological agents.. <i>Medical Mycology</i> , 2018, 56, S126-S143.	0.7	117
40	Special Issue "Sporothrix and Sporotrichosis", <i>Journal of Fungi (Basel, Switzerland)</i> , 2018, 4, 116.	3.5	5
41	Generation of a synthetic binary plasmid that confers resistance to nourseothricin for genetic engineering of <i>Sporothrix schenckii</i> . <i>Plasmid</i> , 2018, 100, 1-5.	1.4	5
42	Generation of <i>Sporothrix schenckii</i> mutants expressing the green fluorescent protein suitable for the study of host-fungus interactions. <i>Fungal Biology</i> , 2018, 122, 1023-1030.	2.5	21
43	Current trends to control fungal pathogens: exploiting our knowledge in the host-pathogen interaction. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 903-913.	2.7	21
44	Synthesis, Photophysical Study, and Biological Application Analysis of Complex Borondipyromethene Dyes. <i>ACS Omega</i> , 2018, 3, 7783-7797.	3.5	9
45	Cell walls of the dimorphic fungal pathogens <i>Sporothrix schenckii</i> and <i>Sporothrix brasiliensis</i> exhibit bilaminate structures and sloughing of extensive and intact layers. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006169.	3.0	56
46	Group X hybrid histidine kinase Chk1 is dispensable for stress adaptation, host-pathogen interactions and virulence in the opportunistic yeast <i>Candida guilliermondii</i> . <i>Research in Microbiology</i> , 2017, 168, 644-654.	2.1	8
47	Effect of serine protease KEX2 on <i>Candida albicans</i> virulence under halogenated methyl sulfones. <i>Future Microbiology</i> , 2017, 12, 285-306.	2.0	12
48	<i>Sporothrix</i> and Sporotrichosis. , 2017, , 309-331.		3
49	<i>Saccharomyces cerevisiae</i> KTR4, KTR5 and KTR7 encode mannosyltransferases differentially involved in the N- and O-linked glycosylation pathways. <i>Research in Microbiology</i> , 2017, 168, 740-750.	2.1	7
50	Editorial: Role of Proteins and Peptides in the Virulence and Pathogenesis of Human and Plant Pathogens - PART I. <i>Current Protein and Peptide Science</i> , 2017, 18, 974-975.	1.4	0
51	Editorial: Role of Proteins and Peptides in the Virulence and Pathogenesis of Human and Plant Pathogens " PART II. <i>Current Protein and Peptide Science</i> , 2017, 18, 1064.	1.4	0
52	Fungal Strategies to Evade the Host Immune Recognition. <i>Journal of Fungi (Basel, Switzerland)</i> , 2017, 3, 51.	3.5	86
53	<i>Candida albicans</i> Yeast, Pseudohyphal, and Hyphal Morphogenesis Differentially Affects Immune Recognition. <i>Frontiers in Immunology</i> , 2017, 8, 629.	4.8	125
54	<i>Sporothrix schenckii</i> sensu stricto and <i>Sporothrix brasiliensis</i> Are Differentially Recognized by Human Peripheral Blood Mononuclear Cells. <i>Frontiers in Microbiology</i> , 2017, 8, 843.	3.5	61

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55	Investigation of OCH1 in the Virulence of <i>Candida parapsilosis</i> Using a New Neonatal Mouse Model. <i>Frontiers in Microbiology</i> , 2017, 8, 1197.	3.5	8
56	The <i>Sporothrix schenckii</i> Gene Encoding for the Ribosomal Protein L6 Has Constitutive and Stable Expression and Works as an Endogenous Control in Gene Expression Analysis. <i>Frontiers in Microbiology</i> , 2017, 8, 1676.	3.5	15
57	Phosphomannosylation and the Functional Analysis of the Extended <i>Candida albicans</i> MNN4-Like Gene Family. <i>Frontiers in Microbiology</i> , 2017, 8, 2156.	3.5	25
58	The Endoplasmic Reticulum Alpha-Glycosidases as Potential Targets for Virus Control. <i>Current Protein and Peptide Science</i> , 2017, 18, 1090-1097.	1.4	6
59	Role of Protein Glycosylation in <i>Candida parapsilosis</i> Cell Wall Integrity and Host Interaction. <i>Frontiers in Microbiology</i> , 2016, 7, 306.	3.5	57
60	Antifungal Effect of Novel 2-Bromo-2-Chloro-2-(4-Chlorophenylsulfonyl)-1-Phenylethanone against <i>Candida</i> Strains. <i>Frontiers in Microbiology</i> , 2016, 7, 1309.	3.5	13
61	Editorial: Recent Advances in the Study of the Host-Fungus Interaction. <i>Frontiers in Microbiology</i> , 2016, 7, 1694.	3.5	1
62	Disruption of Protein Mannosylation Affects <i>Candida guilliermondii</i> Cell Wall, Immune Sensing, and Virulence. <i>Frontiers in Microbiology</i> , 2016, 7, 1951.	3.5	40
63	Purification of Single-Stranded cDNA Based on RNA Degradation Treatment and Adsorption Chromatography. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 404-409.	1.1	13
64	The Genomes of Three Uneven Siblings: Footprints of the Lifestyles of Three <i>Trichoderma</i> Species. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 205-327.	6.6	194
65	Analysis of <i>Sporothrix schenckii sensu stricto</i> and <i>Sporothrix brasiliensis</i> virulence in <i>Galleria mellonella</i> . <i>Journal of Microbiological Methods</i> , 2016, 122, 73-77.	1.6	33
66	FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 2888-2898.	3.2	28
67	<i>bcpmr1</i> encodes a P-type Ca ²⁺ /Mn ²⁺ -ATPase mediating cell-wall integrity and virulence in the phytopathogen <i>Botrytis cinerea</i> . <i>Fungal Genetics and Biology</i> , 2015, 76, 36-46.	2.1	28
68	Current progress in the biology of members of the <i>Sporothrix schenckii</i> complex following the genomic era. <i>FEMS Yeast Research</i> , 2015, 15, fov065.	2.3	67
69	<i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) as an alternative host to study fungal infections. <i>Journal of Microbiological Methods</i> , 2015, 118, 182-186.	1.6	54
70	Functional characterization of <i>Sporothrix schenckii</i> glycosidases involved in the N-linked glycosylation pathway. <i>Medical Mycology</i> , 2015, 53, 60-68.	0.7	15
71	Members of the <i>Candida parapsilosis</i> Complex and <i>Candida albicans</i> are Differentially Recognized by Human Peripheral Blood Mononuclear Cells. <i>Frontiers in Microbiology</i> , 2015, 6, 1527.	3.5	46
72	Exploring the Protein Glycosylation Pathways to Find New Therapeutic Alternatives. <i>Journal of Glycobiology</i> , 2015, 03, .	0.2	0

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73	The Secretary Pathway in the Filamentous Fungus <i>Trichoderma</i> . , 2014, , 115-121.		5
74	Comparative Analysis of Protein Glycosylation Pathways in Humans and the Fungal Pathogen <i>Candida albicans</i> . <i>International Journal of Microbiology</i> , 2014, 2014, 1-16.	2.3	24
75	Comparative genomics of the major fungal agents of human and animal Sporotrichosis: <i>Sporothrix schenckii</i> and <i>Sporothrix brasiliensis</i> . <i>BMC Genomics</i> , 2014, 15, 943.	2.8	121
76	The immune response against <i>Candida</i> spp. and <i>Sporothrix schenckii</i> . <i>Revista Iberoamericana De Micologia</i> , 2014, 31, 62-66.	0.9	43
77	Isolation of <i>Sporothrix schenckii</i> GDA1 and functional characterization of the encoded guanosine diphosphatase activity. <i>Archives of Microbiology</i> , 2013, 195, 499-506.	2.2	11
78	Reporters for the analysis of N-glycosylation in <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , 2013, 56, 107-115.	2.1	6
79	Differential Adaptation of <i>Candida albicans</i> In Vivo Modulates Immune Recognition by Dectin-1. <i>PLoS Pathogens</i> , 2013, 9, e1003315.	4.7	181
80	Differential Virulence of <i>Candida glabrata</i> Glycosylation Mutants*. <i>Journal of Biological Chemistry</i> , 2013, 288, 22006-22018.	3.4	57
81	Biochemical characterization of recombinant <i>Candida albicans</i> mannosyltransferases Mnt1, Mnt2 and Mnt5 reveals new functions in O- and N-mannan biosynthesis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 77-82.	2.1	39
82	Isolation of <i>Sporothrix schenckii</i> MNT1 and the biochemical and functional characterization of the encoded α -1,2-mannosyltransferase activity. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2419-2427.	1.8	14
83	Isolation and functional characterization of <i>Sporothrix schenckii</i> ROT2, the encoding gene for the endoplasmic reticulum glucosidase II. <i>Fungal Biology</i> , 2012, 116, 910-918.	2.5	23
84	Role of the Fungal Cell Wall in Pathogenesis and Antifungal Resistance. <i>Current Fungal Infection Reports</i> , 2012, 6, 275-282.	2.6	46
85	Interactions Between Macrophages and Cell Wall Oligosaccharides of <i>Candida albicans</i> . <i>Methods in Molecular Biology</i> , 2012, 845, 247-260.	0.9	23
86	Aislamiento y caracterizaci3n bioqu3mica de la α -glucosidasa II del hongo pat3geno <i>Candida albicans</i> . <i>Acta Universitaria</i> , 2012, 21, 5-10.	0.2	0
87	When Glycobiology and Immunology Work Together: The Immunoglycobiology of Fungal Immune Sensing. <i>Journal of Glycobiology</i> , 2012, 01, .	0.2	0
88	<i>Sporothrix schenckii</i> complex and sporotrichosis, an emerging health problem. <i>Future Microbiology</i> , 2011, 6, 85-102.	2.0	156
89	Recognition and Blocking of Innate Immunity Cells by <i>Candida albicans</i> Chitin. <i>Infection and Immunity</i> , 2011, 79, 1961-1970.	2.2	172
90	2D-immunoblotting analysis of <i>Sporothrix schenckii</i> cell wall. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 248-250.	1.6	22

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91	Biochemical characterization of <i>Candida albicans</i> α -glucosidase I heterologously expressed in <i>Escherichia coli</i> . <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 291-298.	1.7	17
92	Purification and biochemical characterisation of endoplasmic reticulum α -1,2-mannosidase from <i>Sporothrix schenckii</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2010, 105, 79-85.	1.6	24
93	A Multifunctional Mannosyltransferase Family in <i>Candida albicans</i> Determines Cell Wall Mannan Structure and Host-Fungus Interactions. <i>Journal of Biological Chemistry</i> , 2010, 285, 12087-12095.	3.4	106
94	Phosphorylation regulates polarisation of chitin synthesis in <i>Candida albicans</i> . <i>Journal of Cell Science</i> , 2010, 123, 2199-2206.	2.0	33
95	Contribution of <i>Candida albicans</i> Cell Wall Components to Recognition by and Escape from Murine Macrophages. <i>Infection and Immunity</i> , 2010, 78, 1650-1658.	2.2	225
96	A Biphasic Innate Immune MAPK Response Discriminates between the Yeast and Hyphal Forms of <i>Candida albicans</i> in Epithelial Cells. <i>Cell Host and Microbe</i> , 2010, 8, 225-235.	11.0	303
97	Melanin Externalization in <i>Candida albicans</i> Depends on Cell Wall Chitin Structures. <i>Eukaryotic Cell</i> , 2010, 9, 1329-1342.	3.4	85
98	Toll-Like Receptor 9-Dependent Activation of Myeloid Dendritic Cells by Deoxynucleic Acids from <i>Candida albicans</i> . <i>Infection and Immunity</i> , 2009, 77, 3056-3064.	2.2	98
99	Protein glycosylation in <i>Candida</i> . <i>Future Microbiology</i> , 2009, 4, 1167-1183.	2.0	79
100	Loss of mannosylphosphate from <i>Candida albicans</i> cell wall proteins results in enhanced resistance to the inhibitory effect of a cationic antimicrobial peptide via reduced peptide binding to the cell surface. <i>Microbiology (United Kingdom)</i> , 2009, 155, 1058-1070.	1.8	51
101	Bypassing Pathogen-Induced Inflammasome Activation for the Regulation of Interleukin-1 β Production by the Fungal Pathogen <i>Candida albicans</i> . <i>Journal of Infectious Diseases</i> , 2009, 199, 1087-1096.	4.0	70
102	Conversion of α -1,2-mannosidase E-I from <i>Candida albicans</i> to α -1,2-mannosidase E-II by limited proteolysis. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 61-69.	1.7	7
103	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , 2008, 38, 500-506.	2.9	328
104	Functional analysis of <i>Candida albicans</i> GPI-anchored proteins: Roles in cell wall integrity and caspofungin sensitivity. <i>Fungal Genetics and Biology</i> , 2008, 45, 1404-1414.	2.1	212
105	Dendritic Cell Interaction with <i>Candida albicans</i> Critically Depends on N-Linked Mannan. <i>Journal of Biological Chemistry</i> , 2008, 283, 20590-20599.	3.4	209
106	Heterologous expression and biochemical characterization of an α -1,2-mannosidase encoded by the <i>Candida albicans</i> MNS1 gene. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 724-730.	1.6	8
107	Kex2 protease converts the endoplasmic reticulum α -1,2-mannosidase of <i>Candida albicans</i> into a soluble cytosolic form. <i>Microbiology (United Kingdom)</i> , 2008, 154, 3782-3794.	1.8	14
108	Immune Recognition of <i>Candida albicans</i> α -glucan by Dectin-1. <i>Journal of Infectious Diseases</i> , 2007, 196, 1565-1571.	4.0	277

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109	Endoplasmic Reticulum α -Glycosidases of <i>Candida albicans</i> Are Required for N Glycosylation, Cell Wall Integrity, and Normal Host-Fungus Interaction. <i>Eukaryotic Cell</i> , 2007, 6, 2184-2193.	3.4	116
110	Purification of soluble α -1,2-mannosidase from <i>Candida albicans</i> CAI-4. <i>FEMS Microbiology Letters</i> , 2006, 256, 50-56.	1.8	11
111	Hydrolysis of Man9GlcNAc2 and Man8GlcNAc2 oligosaccharides by a purified α -mannosidase from <i>Candida albicans</i> . <i>Glycobiology</i> , 2004, 14, 593-598.	2.5	26