AndrÃ© M Nicola

List of Publications by Year
in descending order

58	2,207	279701	243529
papers	citations	23 h-index	44 g-index

66	66	66	3058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacillus anthracis produces membrane-derived vesicles containing biologically active toxins. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19002-19007.	3.3	340
2	Transcriptional Profiles of the Human Pathogenic Fungus Paracoccidioides brasiliensis in Mycelium and Yeast Cells. Journal of Biological Chemistry, 2005, 280, 24706-24714.	1.6	169
3	Vesicle-associated melanization in Cryptococcus neoformans. Microbiology (United Kingdom), 2009, 155, 3860-3867.	0.7	142
4	Comparative genomics of the major fungal agents of human and animal Sporotrichosis: Sporothrix schenckii and Sporothrix brasiliensis. BMC Genomics, 2014, 15, 943.	1.2	121
5	Nonlytic Exocytosis of Cryptococcus neoformans from Macrophages OccursIn Vivoand Is Influenced by Phagosomal pH. MBio, 2011, 2, .	1.8	113
6	Macrophage Autophagy in Immunity to Cryptococcus neoformans and Candida albicans. Infection and Immunity, 2012, 80, 3065-3076.	1.0	108
7	Antifungal drugs: New insights in research & development. , 2019, 195, 21-38.		102
8	Ab binding alters gene expression in Cryptococcus neoformans and directly modulates fungal metabolism. Journal of Clinical Investigation, 2010, 120, 1355-1361.	3.9	95
9	Quorum Sensing-Mediated, Cell Density-Dependent Regulation of Growth and Virulence in Cryptococcus neoformans. MBio, 2014, 5, e00986-13.	1.8	87
10	Lipophilic Dye Staining ofCryptococcus neoformansExtracellular Vesicles and Capsule. Eukaryotic Cell, 2009, 8, 1373-1380.	3.4	81
11	Transcriptome characterization of the dimorphic and pathogenic fungusParacoccidioides brasiliensisby EST analysis. Yeast, 2003, 20, 263-271.	0.8	74
12	Capsular Localization of theCryptococcus neoformansPolysaccharide Component Galactoxylomannan. Eukaryotic Cell, 2009, 8, 96-103.	3.4	53
13	Activity of Scorpion Venom-Derived Antifungal Peptides against Planktonic Cells of Candida spp. and Cryptococcus neoformans and Candida albicans Biofilms. Frontiers in Microbiology, 2016, 7, 1844.	1.5	41
14	Mechanisms of action of antimicrobial peptides ToAP2 and NDBP-5.7 against Candida albicans planktonic and biofilm cells. Scientific Reports, 2020, 10, 10327.	1.6	41
15	Fungal killing by mammalian phagocytic cells. Current Opinion in Microbiology, 2008, 11, 313-317.	2.3	39
16	In Vitro Measurement of Phagocytosis and Killing of Cryptococcus neoformans by Macrophages. Methods in Molecular Biology, 2012, 844, 189-197.	0.4	38
17	Molecular and Morphological Data Support the Existence of a Sexual Cycle in Species of the Genus Paracoccidioides. Eukaryotic Cell, 2013, 12, 380-389.	3.4	38
18	Histone deacetylases inhibitors effects onCryptococcus neoformansmajor virulence phenotypes. Virulence, 2015, 6, 618-630.	1.8	38

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19	Association of Convalescent Plasma Treatment With Clinical Status in Patients Hospitalized With COVID-19. JAMA Network Open, 2022, 5, e2147331.	2.8	38
20	The stress responsive and morphologically regulated hsp90 gene from Paracoccidioides brasiliensis is essential to cell viability. BMC Microbiology, 2008, 8, 158.	1.3	33
21	Glucuronoxylomannan, galactoxylomannan, and mannoprotein occupy spatially separate and discrete regions in the capsule ofCryptococcus neoformans. Virulence, 2010, 1, 500-508.	1.8	33
22	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. PLoS Neglected Tropical Diseases, 2019, 13, e0007742.	1.3	30
23	Development and Validation of a Treatment Benefit Index to Identify Hospitalized Patients With COVID-19 Who May Benefit From Convalescent Plasma. JAMA Network Open, 2022, 5, e2147375.	2.8	30
24	Erg6 affects membrane composition and virulence of the human fungal pathogen Cryptococcus neoformans. Fungal Genetics and Biology, 2020, 140, 103368.	0.9	28
25	Functional genome of the human pathogenic fungusParacoccidioides brasiliensis. FEMS Immunology and Medical Microbiology, 2005, 45, 369-381.	2.7	26
26	Galactoxylomannan-Mediated Immunological Paralysis Results from Specific B Cell Depletion in the Context of Widespread Immune System Damage. Journal of Immunology, 2009, 183, 3885-3894.	0.4	23
27	An Immunomodulatory Peptide Confers Protection in an Experimental Candidemia Murine Model. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	22
28	Genetic characterization and construction of an auxotrophic strain ofSaccharomyces cerevisiaeJP1, a Brazilian industrial yeast strain for bioethanol production. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1673-1683.	1.4	21
29	A novel Sporothrix brasiliensis genomic variant in Midwestern Brazil: evidence for an older and wider sporotrichosis epidemic. Emerging Microbes and Infections, 2020, 9, 2515-2525.	3.0	21
30	Cell organisation, sulphur metabolism and ion transport-related genes are differentially expressed in Paracoccidioides brasiliensis mycelium and yeast cells. BMC Genomics, 2006, 7, 208.	1.2	18
31	Multicopy plasmid integration in Komagataella phaffii mediated by a defective auxotrophic marker. Microbial Cell Factories, 2017, 16, 99.	1.9	18
32	Differences in the modulation of reactive species, lipid bodies, cyclooxygenase-2, 5-lipoxygenase and PPAR-Î³ in cerebral malaria-susceptible and resistant mice. Immunobiology, 2017, 222, 604-619.	0.8	15
33	Opsonin-free, real-time imaging of Cryptococcus neoformans capsule during budding. Virulence, 2018, 9, 1483-1488.	1.8	15
34	Effect of Pyruvate Decarboxylase Knockout on Product Distribution Using Pichia pastoris (Komagataella phaffii) Engineered for Lactic Acid Production. Bioengineering, 2018, 5, 17.	1.6	15
35	Laccase Affects the Rate of Cryptococcus neoformans Nonlytic Exocytosis from Macrophages. MBio, 2020, 11, .	1.8	15
36	Thromboelastometry demonstrates endogenous coagulation activation in nonsevere and severe COVID-19 patients and has applicability as a decision algorithm for intervention. PLoS ONE, 2022, 17, e0262600.	1.1	14

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37	Integrin Î²1 Promotes the Interaction of Murine IgG3 with Effector Cells. Journal of Immunology, 2019, 202, 2782-2794.	0.4	10
38	Cryptococcal Virulence in Humans: Learning From Translational Studies With Clinical Isolates. Frontiers in Cellular and Infection Microbiology, 2021, 11, 657502.	1.8	10
39	Molecular chaperones in the Paracoccidioides brasiliensis transcriptome. Genetics and Molecular Research, 2005, 4, 346-57.	0.3	8
40	A study on the use of strain-specific and homologous promoters for heterologous expression in industrial Saccharomyces cerevisiae strains. AMB Express, 2018, 8, 82.	1.4	6
41	Faster Cryptococcus Melanization Increases Virulence in Experimental and Human Cryptococcosis. Journal of Fungi (Basel, Switzerland), 2022, 8, 393.	1.5	6
42	Paracoccidioides HSP90 Can Be Found in the Cell Surface and Is a Target for Antibodies with Therapeutic Potential. Journal of Fungi (Basel, Switzerland), 2020, 6, 193.	1.5	4
43	A Wor1-Like Transcription Factor Is Essential for Virulence of Cryptococcus neoformans. Frontiers in Cellular and Infection Microbiology, 2018, 8, 369.	1.8	3
44	Thioredoxin Reductase 1 Is a Highly Immunogenic Cell Surface Antigen in Paracoccidioides spp., Candida albicans, and Cryptococcus neoformans. Frontiers in Microbiology, 2020, 10, 2930.	1.5	3
45	Molecular and Cellular Biomarkers of COVID-19 Prognosis: Protocol for the Prospective Cohort TARGET Study. JMIR Research Protocols, 2021, 10, e24211.	0.5	3
46	Hinge influences in murine IgG binding to Cryptococcus neoformans capsule. Immunology, 2022, 165, 110-121.	2.0	3
47	Transcriptional Remodeling Patterns in Murine Dendritic Cells Infected with Paracoccidioides brasiliensis: More Is Not Necessarily Better. Journal of Fungi (Basel, Switzerland), 2020, 6, 311.	1.5	2
48	Transcriptomics of the Hostâ€“Pathogen Interaction in Paracoccidioidomycosis. , 2014, , 265-287.		2
49	Imaging Cryptococcus spp. Capsule by Differential Interference Contrast Microscopy Using Percoll®. Bio-protocol, 2019, 9, e3423.	0.2	2
50	Paracoccidioides brasiliensis translation and protein fate machineries revealed by functional genome analysis. Genetics and Molecular Research, 2005, 4, 273-89.	0.3	2
51	Host Autophagy in Antifungal Immunity. , 2016, , 317-330.		1
52	Paracoccidioides brasiliensis RNA biogenesis apparatus revealed by functional genome analysis. Genetics and Molecular Research, 2005, 4, 251-72.	0.3	1
53	DistribuiÃ§Ã£o de tipos moleculares de Cryptococcus gattii no Brasil: uma revisÃ£o bibliogrÃ¡fica. ComunicaÃ§Ã£o Em CiÃªncias Da SaÃºde, 2017, 27, 159-166.	0.1	0
54	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0

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55	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0
56	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0
57	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0
58	Editorial: Immunological Memory to Fungal Infections and Vaccine Development. Frontiers in Immunology, 2022, 13, 880037.	2.2	0