Vincent M Bruno

List of Publications by Year
in descending order

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Version: 2024-02-01

35 papers	1,354 citations	430874 18 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	1970 citing authors

#	Article	IF	Citations
1	IL-17 Receptor Signaling in Oral Epithelial Cells Is Critical for Protection against Oropharyngeal Candidiasis. Cell Host and Microbe, 2016, 20, 606-617.	11.0	148
2	An integrated genomic and transcriptomic survey of mucormycosis-causing fungi. Nature Communications, 2016, 7, 12218.	12.8	103
3	Candida albicans adapts to host copper during infection by swapping metal cofactors for superoxide dismutase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5336-42.	7.1	102
4	Iron restriction inside macrophages regulates pulmonary host defense against Rhizopus species. Nature Communications, 2018, 9, 3333.	12.8	85
5	Aberrant type 1 immunity drives susceptibility to mucosal fungal infections. Science, 2021, 371, .	12.6	84
6	New signaling pathways govern the host response to C. albicans infection in various niches. Genome Research, 2015, 25, 679-689.	5.5	82
7	PCR-Based Approach Targeting Mucorales-Specific Gene Family for Diagnosis of Mucormycosis. Journal of Clinical Microbiology, 2018, 56, .	3.9	77
8	GRP78 and Integrins Play Different Roles in Host Cell Invasion during Mucormycosis. MBio, 2020, 11, .	4.1	69
9	Oral epithelial IL-22/STAT3 signaling licenses IL-17â€“mediated immunity to oral mucosal candidiasis. Science Immunology, 2020, 5, .	11.9	66
10	Mucoricin is a ricin-like toxin that is critical for the pathogenesis of mucormycosis. Nature Microbiology, 2021, 6, 313-326.	13.3	53
11	Best practices on the differential expression analysis of multi-species RNA-seq. Genome Biology, 2021, 22, 121.	8.8	51
12	The Aryl Hydrocarbon Receptor Governs Epithelial Cell Invasion during Oropharyngeal Candidiasis. MBio, 2017, 8, .	4.1	50
13	Disruption of the Transcriptional Regulator Cas5 Results in Enhanced Killing of Candida albicans by Fluconazole. Antimicrobial Agents and Chemotherapy, 2014, 58, 6807-6818.	3.2	45
14	Inhibition of EGFR Signaling Protects from Mucormycosis. MBio, 2018, 9, .	4.1	45
15	Therapeutic implications of C. albicans-S. aureus mixed biofilm in a murine subcutaneous catheter model of polymicrobial infection. Virulence, 2021, 12, 835-851.	4.4	37
16	Standardized Metadata for Human Pathogen/Vector Genomic Sequences. PLoS ONE, 2014, 9, e99979.	2.5	34
17	The Interleukin (IL) 17R/IL-22R Signaling Axis Is Dispensable for Vulvovaginal Candidiasis Regardless of Estrogen Status. Journal of Infectious Diseases, 2020, 221, 1554-1563.	4.0	33
18	Understanding Mucormycoses in the Age of â€œomicsâ€• Frontiers in Genetics, 2020, 11, 699.	2.3	24

#	Article	IF	Citations
19	Comparative transcriptomics of Aspergillus fumigatus strains upon exposure to human airway epithelial cells. Microbial Genomics, 2018, 4, .	2.0	18
20	Targeted enrichment outperforms other enrichment techniques and enables more multi-species RNA-Seq analyses. Scientific Reports, 2018, 8, 13377.	3.3	17
21	A role for Candida albicans superoxide dismutase enzymes in glucose signaling. Biochemical and Biophysical Research Communications, 2018, 495, 814-820.	2.1	16
22	Vaginal Candida spp. genomes from women with vulvovaginal candidiasis. Pathogens and Disease, 2017, 75, .	2.0	14
23	Understanding Vulvovaginal Candidiasis Through a Community Genomics Approach. Current Fungal Infection Reports, 2013, 7, 126-131.	2.6	13
24	Expanded role of the Cuâ€sensing transcription factor Mac1p in Candida albicans. Molecular Microbiology, 2020, 114, 1006-1018.	2.5	13
25	Tobacco Hornworm (Manduca sexta) caterpillars as a novel host model for the study of fungal virulence and drug efficacy. Virulence, 2020, 11, 1075-1089.	4.4	12
26	Tissue Damage in Radiation-Induced Oral Mucositis Is Mitigated by IL-17 Receptor Signaling. Frontiers in Immunology, 2021, 12, 687627.	4.8	11
27	Tornadic Shear Stress Induces a Transient, Calcineurin-Dependent Hypervirulent Phenotype in Mucorales Molds. MBio, 2020, 11, .	4.1	10
28	Genetic diversity of clinical and environmental Mucorales isolates obtained from an investigation of mucormycosis cases among solid organ transplant recipients. Microbial Genomics, 2020, 6, .	2.0	10
29	Evaluation of a high-throughput, cost-effective Illumina library preparation kit. Scientific Reports, 2021, 11, 15925.	3.3	6
30	The genome sequence of four isolates from the family Lichtheimiaceae. Pathogens and Disease, 2015, 73, .	2.0	5
31	Response to Comments on â€œAberrant type 1 immunity drives susceptibility to mucosal fungal infectionsâ€. Science, 2021, 373, eabi8835.	12.6	5
32	PCR-based Diagnosis of Mucormycosis Targeting Mucorales-specific Genes. Open Forum Infectious Diseases, 2017, 4, S612-S612.	0.9	3
33	Environmentally contingent control of Candida albicans cell wall integrity by transcriptional regulator Cup9. Genetics, 2021, 218, .	2.9	2
34	Central Nervous System-Infecting Pathogens Escherichia coli and Cryptococcus neoformans Exploit the Host Pdlim2 for Intracellular Traversal and Exocytosis in the Blood-Brain Barrier. Infection and Immunity, 2021, 89, e0012821.	2.2	1
35	Best Practices for Successfully Writing and Publishing a Genome Announcement in Microbiology Resource Announcements. Microbiology Resource Announcements, 2020, 9, .	0.6	0