

# Anita Sil

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,111  
citations

430874

18  
h-index

552781

26  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplification-free detection of SARS-CoV-2 with CRISPR-Cas13a and mobile phone microscopy. <i>Cell</i> , 2021, 184, 323-333.e9.	28.9	613
2	Genetic Screens Identify Host Factors for SARS-CoV-2 and Common Cold Coronaviruses. <i>Cell</i> , 2021, 184, 106-119.e14.	28.9	320
3	Temperature-induced switch to the pathogenic yeast form of <i>Histoplasma capsulatum</i> requires Ryp1, a conserved transcriptional regulator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4880-4885.	7.1	179
4	<i>Histoplasma</i> Requires SID1, a Member of an Iron-Regulated Siderophore Gene Cluster, for Host Colonization. <i>PLoS Pathogens</i> , 2008, 4, e1000044.	4.7	131
5	A Temperature-Responsive Network Links Cell Shape and Virulence Traits in a Primary Fungal Pathogen. <i>PLoS Biology</i> , 2013, 11, e1001614.	5.6	115
6	Identifying Phase-specific Genes in the Fungal Pathogen <i>Histoplasma capsulatum</i> Using a Genomic Shotgun Microarray. <i>Molecular Biology of the Cell</i> , 2003, 14, 2314-2326.	2.1	111
7	Conserved factors Ryp2 and Ryp3 control cell morphology and infectious spore formation in the fungal pathogen <i>Histoplasma capsulatum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14573-14578.	7.1	108
8	Thermally Dimorphic Human Fungal Pathogens: Polyphyletic Pathogens with a Convergent Pathogenicity Trait. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a019794.	6.2	103
9	N-acetylglucosamine (GlcNAc) Triggers a Rapid, Temperature-Responsive Morphogenetic Program in Thermally Dimorphic Fungi. <i>PLoS Genetics</i> , 2013, 9, e1003799.	3.5	58
10	Comparative Transcriptomics of Infectious Spores from the Fungal Pathogen <i>Histoplasma capsulatum</i> Reveals a Core Set of Transcripts That Specify Infectious and Pathogenic States. <i>Eukaryotic Cell</i> , 2013, 12, 828-852.	3.4	45
11	Genome-Wide Reprogramming of Transcript Architecture by Temperature Specifies the Developmental States of the Human Pathogen <i>Histoplasma</i> . <i>PLoS Genetics</i> , 2015, 11, e1005395.	3.5	35
12	Macrophage cell death and transcriptional response are actively triggered by the fungal virulence factor <i>Cbp1</i> during <i>H. capsulatum</i> infection. <i>Molecular Microbiology</i> , 2015, 98, 910-929.	2.5	34
13	CD103+ Conventional Dendritic Cells Are Critical for TLR7/9-Dependent Host Defense against <i>Histoplasma capsulatum</i> , an Endemic Fungal Pathogen of Humans. <i>PLoS Pathogens</i> , 2016, 12, e1005749.	4.7	32
14	The 3-Hydroxy-Methylglutaryl Coenzyme A Lyase <i>HCL1</i> Is Required for Macrophage Colonization by Human Fungal Pathogen <i>Histoplasma capsulatum</i> . <i>Infection and Immunity</i> , 2013, 81, 411-420.	2.2	30
15	COVID-19-associated Lung Microvascular Endotheliopathy: A Perspective. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 961-972.	5.6	30
16	The transcription factor CHOP, an effector of the integrated stress response, is required for host sensitivity to the fungal intracellular pathogen <i>Histoplasma capsulatum</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006589.	4.7	26
17	Opposing signaling pathways regulate morphology in response to temperature in the fungal pathogen <i>Histoplasma capsulatum</i> . <i>PLoS Biology</i> , 2019, 17, e3000168.	5.6	22
18	The protein kinase Pho85 is required for asymmetric accumulation of the Ash1 protein in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2001, 42, 345-353.	2.5	21

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19	MyD88-Dependent Signaling Drives Host Survival and Early Cytokine Production during <i>Histoplasma capsulatum</i> Infection. <i>Infection and Immunity</i> , 2015, 83, 1265-1275.	2.2	18
20	Recurrent Loss of <i>abaA</i> , a Master Regulator of Asexual Development in Filamentous Fungi, Correlates with Changes in Genomic and Morphological Traits. <i>Genome Biology and Evolution</i> , 2020, 12, 1119-1130.	2.5	16
21	Molecular regulation of <i>Histoplasma</i> dimorphism. <i>Current Opinion in Microbiology</i> , 2019, 52, 151-157.	5.1	11
22	The WOPR family protein <i>Ryp1</i> is a key regulator of gene expression, development, and virulence in the thermally dimorphic fungal pathogen <i>Coccidioides posadasii</i> . <i>PLoS Pathogens</i> , 2022, 18, e1009832.	4.7	9
23	Sensing the heat and the host: Virulence determinants of <i>Histoplasma capsulatum</i> . <i>Virulence</i> , 2019, 10, 793-800.	4.4	8
24	Protomer alignment modulates specificity of RNA substrate recognition by <i>Ire1</i> . <i>ELife</i> , 2021, 10, .	6.0	7
25	Chromosome-Level Genome Assembly of a Human Fungal Pathogen Reveals Synteny among Geographically Distinct Species. <i>MBio</i> , 2022, 13, e0257421.	4.1	7
26	<i>Cbp1</i> , a fungal virulence factor under positive selection, forms an effector complex that drives macrophage lysis. <i>PLoS Pathogens</i> , 2022, 18, e1010417.	4.7	4
27	Future of Functional Genomics of <i>Histoplasma capsulatum</i> . , 0, , 611-625.		1