

Clarissa J Nobile

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

5,744
citations

36
h-index

75
g-index

101
ext. papers

7,022
ext. citations

6.5
avg, IF

6.12
L-index

#	Paper	IF	Citations
89	A case of candidemia in Xiamen, China, and a comparative analysis of clinical isolates in China.. <i>Mycology</i> , 2022 , 13, 68-75	3.7	0
88	A Markerless CRISPR-Mediated System for Genome Editing in <i>Candida auris</i> Reveals a Conserved Role for Cas5 in the Caspofungin Response. <i>Microbiology Spectrum</i> , 2021 , e0182021	8.9	2
87	Mathematical modeling of the <i>Candida albicans</i> yeast to hyphal transition reveals novel control strategies. <i>PLoS Computational Biology</i> , 2021 , 17, e1008690	5	2
86	Evolution of the complex transcription network controlling biofilm formation in species. <i>ELife</i> , 2021 , 10,	8.9	7
85	AddTag, a two-step approach with supporting software package that facilitates CRISPR/Cas-mediated precision genome editing. <i>G3: Genes, Genomes, Genetics</i> , 2021 , 11,	3.2	1
84	The Roles of Chromatin Accessibility in Regulating the White-Opaque Phenotypic Switch. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	1
83	Filamentous growth is a general feature of <i>Candida auris</i> clinical isolates. <i>Medical Mycology</i> , 2021 , 59, 734-740	3.9	6
82	The protein kinase Ire1 impacts pathogenicity of <i>Candida albicans</i> by regulating homeostatic adaptation to endoplasmic reticulum stress. <i>Cellular Microbiology</i> , 2021 , 23, e13307	3.9	9
81	Visible Lights Combined with Photosensitizing Compounds Are Effective against <i>Candida albicans</i> Biofilms. <i>Microorganisms</i> , 2021 , 9,	4.9	10
80	Photodynamic Therapy Is Effective Against Biofilms. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 713092	5.9	2
79	Transcriptional Circuits Regulating Developmental Processes in. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 605711	5.9	4
78	Combination of Antifungal Drugs and Protease Inhibitors Prevent Biofilm Formation and Disrupt Mature Biofilms. <i>Frontiers in Microbiology</i> , 2020 , 11, 1027	5.7	21
77	The Als3 Cell Wall Adhesin Plays a Critical Role in Human Serum Amyloid A1-Induced Cell Death and Aggregation in <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	1
76	An expanded cell wall damage signaling network is comprised of the transcription factors Rlm1 and Sko1 in <i>Candida albicans</i> . <i>PLoS Genetics</i> , 2020 , 16, e1008908	6	12
75	Interactions of microorganisms with host mucins: a focus on <i>Candida albicans</i> . <i>FEMS Microbiology Reviews</i> , 2020 , 44, 645-654	15.1	4
74	Genetic regulation of the development of mating projections in. <i>Emerging Microbes and Infections</i> , 2020 , 9, 413-426	18.9	3
73	Unraveling How <i>Candida albicans</i> Forms Sexual Biofilms. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	5

72	A Screen for Small Molecules to Target Biofilms. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 7,	5.6	2
71	A Selective Serotonin Reuptake Inhibitor, a Proton Pump Inhibitor, and Two Calcium Channel Blockers Inhibit Biofilms. <i>Microorganisms</i> , 2020 , 8,	4.9	6
70	<i>Candida auris</i> : Epidemiology, biology, antifungal resistance, and virulence. <i>PLoS Pathogens</i> , 2020 , 16, e1008921	7.6	79
69	Imaging of <i>Candida albicans</i> Hyphal Growth via Atomic Force Microscopy. <i>MSphere</i> , 2020 , 5,	5	1
68	N-Acetylglucosamine (GlcNAc) Sensing, Utilization, and Functions in. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	4
67	Transcriptional regulation of the caspofungin-induced cell wall damage response in <i>Candida albicans</i> . <i>Current Genetics</i> , 2020 , 66, 1059-1068	2.9	4
66	Epithelial Infection With Elicits a Multi-System Response in Planarians. <i>Frontiers in Microbiology</i> , 2020 , 11, 629526	5.7	1
65	An expanded cell wall damage signaling network is comprised of the transcription factors Rlm1 and Sko1 in <i>Candida albicans</i> 2020 , 16, e1008908		
64	An expanded cell wall damage signaling network is comprised of the transcription factors Rlm1 and Sko1 in <i>Candida albicans</i> 2020 , 16, e1008908		
63	An expanded cell wall damage signaling network is comprised of the transcription factors Rlm1 and Sko1 in <i>Candida albicans</i> 2020 , 16, e1008908		
62	An expanded cell wall damage signaling network is comprised of the transcription factors Rlm1 and Sko1 in <i>Candida albicans</i> 2020 , 16, e1008908		
61	The emerging field of venom-microbiomics for exploring venom as a microenvironment, and the corresponding Initiative for Venom Associated Microbes and Parasites (iVAMP). <i>Toxicon: X</i> , 2019 , 4, 100016	2.6	9
60	Community ecology across bacteria, archaea and microbial eukaryotes in the sediment and seawater of coastal Puerto Nuevo, Baja California. <i>PLoS ONE</i> , 2019 , 14, e0212355	3.7	21
59	Antifungal Activity of Mammalian Serum Amyloid A1 against. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 64,	5.9	5
58	The planarian <i>Schmidtea mediterranea</i> is a new model to study host-pathogen interactions during fungal infections. <i>Developmental and Comparative Immunology</i> , 2019 , 93, 18-27	3.2	13
57	Development and regulation of single- and multi-species <i>Candida albicans</i> biofilms. <i>Nature Reviews Microbiology</i> , 2018 , 16, 19-31	22.2	250
56	Methodologies for and evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. <i>Microbial Cell</i> , 2018 , 5, 300-326	3.9	57
55	In Vitro Culturing and Screening of <i>Candida albicans</i> Biofilms. <i>Current Protocols in Microbiology</i> , 2018 , 50, e60	7.1	27

54	S. oralis activates the Efg1 filamentation pathway in C. albicans to promote cross-kingdom interactions and mucosal biofilms. <i>Virulence</i> , 2017 , 8, 1602-1617	4.7	39
53	Assessment and Optimizations of Candida albicans Biofilm Assays. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	36
52	The Candida albicans HIR histone chaperone regulates the yeast-to-hyphae transition by controlling the sensitivity to morphogenesis signals. <i>Scientific Reports</i> , 2017 , 7, 8308	4.9	12
51	Distinct roles of the 7-transmembrane receptor protein Rta3 in regulating the asymmetric distribution of phosphatidylcholine across the plasma membrane and biofilm formation in Candida albicans. <i>Cellular Microbiology</i> , 2017 , 19, e12767	3.9	9
50	Whole RNA-Sequencing and Transcriptome Assembly of Candida albicans and Candida africana under Chlamyospore-Inducing Conditions. <i>Genome Biology and Evolution</i> , 2017 , 9, 1971-1977	3.9	6
49	Visualization of Biofilm Formation in Candida albicans Using an Automated Microfluidic Device. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	9
48	Integration of the tricarboxylic acid (TCA) cycle with cAMP signaling and Sfl2 pathways in the regulation of CO2 sensing and hyphal development in Candida albicans. <i>PLoS Genetics</i> , 2017 , 13, e1006949	6.9	38
47	Global Identification of Biofilm-Specific Proteolysis in Candida albicans. <i>MBio</i> , 2016 , 7,	7.8	45
46	Ssn6 Defines a New Level of Regulation of White-Opaque Switching in Candida albicans and Is Required For the Stochasticity of the Switch. <i>MBio</i> , 2016 , 7, e01565-15	7.8	19
45	Candida albicans biofilms: development, regulation, and molecular mechanisms. <i>Microbes and Infection</i> , 2016 , 18, 310-21	9.3	259
44	Genome-Wide Chromatin Immunoprecipitation in Candida albicans and Other Yeasts. <i>Methods in Molecular Biology</i> , 2016 , 1361, 161-84	1.4	3
43	Molecular Characterization of the N-Acetylglucosamine Catabolic Genes in Candida africana, a Natural N-Acetylglucosamine Kinase (HXK1) Mutant. <i>PLoS ONE</i> , 2016 , 11, e0147902	3.7	7
42	S-nitrosomycothioliol reductase and mycothiol are required for survival under aldehyde stress and biofilm formation in Mycobacterium smegmatis. <i>IUBMB Life</i> , 2016 , 68, 621-8	4.7	12
41	The gray phenotype and tristable phenotypic transitions in the human fungal pathogen Candida tropicalis. <i>Fungal Genetics and Biology</i> , 2016 , 93, 10-6	3.9	9
40	Lactic acid bacteria differentially regulate filamentation in two heritable cell types of the human fungal pathogen Candida albicans. <i>Molecular Microbiology</i> , 2016 , 102, 506-519	4.1	15
39	Candida albicans Biofilms and Human Disease. <i>Annual Review of Microbiology</i> , 2015 , 69, 71-92	17.5	524
38	N-Acetylglucosamine-Induced Cell Death in Candida albicans and Its Implications for Adaptive Mechanisms of Nutrient Sensing in Yeasts. <i>MBio</i> , 2015 , 6, e01376-15	7.8	27
37	Post-transcriptional regulation of transcript abundance by a conserved member of the tristetraprolin family in Candida albicans. <i>Molecular Microbiology</i> , 2015 , 95, 1036-53	4.1	16

36	Candida-streptococcal mucosal biofilms display distinct structural and virulence characteristics depending on growth conditions and hyphal morphotypes. <i>Molecular Oral Microbiology</i> , 2015 , 30, 307-224	4.6	33
35	An expanded regulatory network temporally controls <i>Candida albicans</i> biofilm formation. <i>Molecular Microbiology</i> , 2015 , 96, 1226-39	4.1	104
34	Biofilms and Antifungal Resistance 2015 , 71-90		5
33	Anaerobic bacteria grow within <i>Candida albicans</i> biofilms and induce biofilm formation in suspension cultures. <i>Current Biology</i> , 2014 , 24, 2411-6	6.3	124
32	Valley fever: danger lurking in a dust cloud. <i>Microbes and Infection</i> , 2014 , 16, 591-600	9.3	23
31	Mucins suppress virulence traits of <i>Candida albicans</i> . <i>MBio</i> , 2014 , 5, e01911	7.8	67
30	Discovery of a "white-gray-opaque" tristable phenotypic switching system in <i>Candida albicans</i> : roles of non-genetic diversity in host adaptation. <i>PLoS Biology</i> , 2014 , 12, e1001830	9.7	98
29	White cells facilitate opposite- and same-sex mating of opaque cells in <i>Candida albicans</i> . <i>PLoS Genetics</i> , 2014 , 10, e1004737	6	18
28	A histone deacetylase complex mediates biofilm dispersal and drug resistance in <i>Candida albicans</i> . <i>MBio</i> , 2014 , 5, e01201-14	7.8	50
27	Genetic control of conventional and pheromone-stimulated biofilm formation in <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2013 , 9, e1003305	7.6	69
26	White-opaque switching in natural MTL α isolates of <i>Candida albicans</i> : evolutionary implications for roles in host adaptation, pathogenesis, and sex. <i>PLoS Biology</i> , 2013 , 11, e1001525	9.7	92
25	Bcr1 plays a central role in the regulation of opaque cell filamentation in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2013 , 89, 732-50	4.1	28
24	Structure of the transcriptional network controlling white-opaque switching in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2013 , 90, 22-35	4.1	87
23	Identification and characterization of a previously undescribed family of sequence-specific DNA-binding domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 7660-5	11.5	58
22	Glucanase induces filamentation of the fungal pathogen <i>Candida albicans</i> . <i>PLoS ONE</i> , 2013 , 8, e63736	3.7	15
21	A recently evolved transcriptional network controls biofilm development in <i>Candida albicans</i> . <i>Cell</i> , 2012 , 148, 126-38	56.2	473
20	A histone deacetylase adjusts transcription kinetics at coding sequences during <i>Candida albicans</i> morphogenesis. <i>PLoS Genetics</i> , 2012 , 8, e1003118	6	67
19	A sticky situation: untangling the transcriptional network controlling biofilm development in <i>Candida albicans</i> . <i>Transcription</i> , 2012 , 3, 315-22	4.8	68

18	Candida albicans Hyr1p confers resistance to neutrophil killing and is a potential vaccine target. <i>Journal of Infectious Diseases</i> , 2010 , 201, 1718-28	7	87
17	Role of filamentation in Galleria mellonella killing by Candida albicans. <i>Microbes and Infection</i> , 2010 , 12, 488-96	9.3	73
16	Candida albicans Cas5, a regulator of cell wall integrity, is required for virulence in murine and toll mutant fly models. <i>Journal of Infectious Diseases</i> , 2009 , 200, 152-7	7	41
15	Biofilm matrix regulation by Candida albicans Zap1. <i>PLoS Biology</i> , 2009 , 7, e1000133	9.7	233
14	Large-scale gene disruption using the UAU1 cassette. <i>Methods in Molecular Biology</i> , 2009 , 499, 175-94	1.4	44
13	Candida albicans transcription factor Rim101 mediates pathogenic interactions through cell wall functions. <i>Cellular Microbiology</i> , 2008 , 10, 2180-96	3.9	124
12	Complementary adhesin function in C. albicans biofilm formation. <i>Current Biology</i> , 2008 , 18, 1017-24	6.3	247
11	Microbial biofilms: e pluribus unum. <i>Current Biology</i> , 2007 , 17, R349-53	6.3	47
10	Mucosal tissue invasion by Candida albicans is associated with E-cadherin degradation, mediated by transcription factor Rim101p and protease Sap5p. <i>Infection and Immunity</i> , 2007 , 75, 2126-35	3.7	157
9	Function of Candida albicans adhesin Hwp1 in biofilm formation. <i>Eukaryotic Cell</i> , 2006 , 5, 1604-10		270
8	Critical role of Bcr1-dependent adhesins in C. albicans biofilm formation in vitro and in vivo. <i>PLoS Pathogens</i> , 2006 , 2, e63	7.6	387
7	Control of the C. albicans cell wall damage response by transcriptional regulator Cas5. <i>PLoS Pathogens</i> , 2006 , 2, e21	7.6	124
6	Genetics and genomics of Candida albicans biofilm formation. <i>Cellular Microbiology</i> , 2006 , 8, 1382-91	3.9	201
5	Regulation of cell-surface genes and biofilm formation by the C. albicans transcription factor Bcr1p. <i>Current Biology</i> , 2005 , 15, 1150-5	6.3	370
4	Prelude to a Kiss: Evidence for Mate Discrimination in the Striped Bark Scorpion, Centruroides vittatus. <i>Journal of Insect Behavior</i> , 2005 , 18, 405-413	1.1	5
3	Candida albicans biofilm-defective mutants. <i>Eukaryotic Cell</i> , 2005 , 4, 1493-502		129
2	Genetic control of chlamydospore formation in Candida albicans. <i>Microbiology (United Kingdom)</i> , 2003 , 149, 3629-3637	2.9	71
1	Postgenomic Strategies for Genetic Analysis: Insight from Saccharomyces cerevisiae and Candida albicans35-P1		

