

Judith G Berman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6499912/publications.pdf>

Version: 2024-02-01

164
papers

15,623
citations

20797

60
h-index

20343

116
g-index

226
all docs

226
docs citations

226
times ranked

10659
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of pathogenicity and sexual reproduction in eight <i>Candida</i> genomes. <i>Nature</i> , 2009, 459, 657-662.	13.7	963
2	The distinct morphogenic states of <i>Candida albicans</i> . <i>Trends in Microbiology</i> , 2004, 12, 317-324.	3.5	725
3	Aneuploidy and Isochromosome Formation in Drug-Resistant <i>Candida albicans</i> . <i>Science</i> , 2006, 313, 367-370.	6.0	630
4	<i>Candida albicans</i> : A molecular revolution built on lessons from budding yeast. <i>Nature Reviews Genetics</i> , 2002, 3, 918-931.	7.7	482
5	Skin-Resident Murine Dendritic Cell Subsets Promote Distinct and Opposing Antigen-Specific T Helper Cell Responses. <i>Immunity</i> , 2011, 35, 260-272.	6.6	379
6	Drug resistance and tolerance in fungi. <i>Nature Reviews Microbiology</i> , 2020, 18, 319-331.	13.6	342
7	A Mutation in <i>Tac1p</i> , a Transcription Factor Regulating <i>CDR1</i> and <i>CDR2</i> , Is Coupled With Loss of Heterozygosity at Chromosome 5 to Mediate Antifungal Resistance in <i>Candida albicans</i> . <i>Genetics</i> , 2006, 172, 2139-2156.	1.2	341
8	The Parasexual Cycle in <i>Candida albicans</i> Provides an Alternative Pathway to Meiosis for the Formation of Recombinant Strains. <i>PLoS Biology</i> , 2008, 6, e110.	2.6	323
9	Linkage of Adhesion, Filamentous Growth, and Virulence in <i>Candida albicans</i> to a Single Gene, <i>INT1</i> . <i>Science</i> , 1998, 279, 1355-1358.	6.0	315
10	Tackling the emerging threat of antifungal resistance to human health. <i>Nature Reviews Microbiology</i> , 2022, 20, 557-571.	13.6	311
11	Genetic and phenotypic intra-species variation in <i>Candida albicans</i> . <i>Genome Research</i> , 2015, 25, 413-425.	2.4	305
12	A Human-Curated Annotation of the <i>Candida albicans</i> Genome. <i>PLoS Genetics</i> , 2005, 1, e1.	1.5	293
13	Acquisition of Aneuploidy Provides Increased Fitness during the Evolution of Antifungal Drug Resistance. <i>PLoS Genetics</i> , 2009, 5, e1000705.	1.5	293
14	An isochromosome confers drug resistance <i>in vivo</i> by amplification of two genes, <i>ERG11</i> and <i>TAC1</i> . <i>Molecular Microbiology</i> , 2008, 68, 624-641.	1.2	280
15	Rewiring of the Yeast Transcriptional Network Through the Evolution of Motif Usage. <i>Science</i> , 2005, 309, 938-940.	6.0	268
16	Genotypic Evolution of Azole Resistance Mechanisms in Sequential <i>Candida albicans</i> Isolates. <i>Eukaryotic Cell</i> , 2007, 6, 1889-1904.	3.4	268
17	The evolution of drug resistance in clinical isolates of <i>Candida albicans</i> . <i>ELife</i> , 2015, 4, e00662.	2.8	268
18	The obligate diploid <i>Candida albicans</i> forms mating-competent haploids. <i>Nature</i> , 2013, 494, 55-59.	13.7	246

#	ARTICLE	IF	CITATIONS
19	Genomic Plasticity of the Human Fungal Pathogen <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2010, 9, 991-1008.	3.4	241
20	Transcriptional profiling in <i>Candida albicans</i> reveals new adaptive responses to extracellular pH and functions for Rim101p. <i>Molecular Microbiology</i> , 2004, 54, 1335-1351.	1.2	227
21	Multidrug-Resistant <i>Candida haemulonii</i> and <i>C. auris</i> , Tel Aviv, Israel. <i>Emerging Infectious Diseases</i> , 2017, 23, .	2.0	224
22	Morphogenesis and cell cycle progression in <i>Candida albicans</i> . <i>Current Opinion in Microbiology</i> , 2006, 9, 595-601.	2.3	210
23	Stress Alters Rates and Types of Loss of Heterozygosity in <i>Candida albicans</i> . <i>MBio</i> , 2011, 2, .	1.8	196
24	A yeast Telomere Binding Activity binds to two related telomere sequence motifs and is indistinguishable from RAPT. <i>Current Genetics</i> , 1989, 16, 225-239.	0.8	189
25	Cassettes for PCR-mediated construction of green, yellow, and cyan fluorescent protein fusions in <i>Candida albicans</i> . <i>Yeast</i> , 2001, 18, 859-864.	0.8	189
26	Chromatin assembly factor I contributes to the maintenance, but not the re-establishment, of silencing at the yeast silent mating α loci. <i>Genes and Development</i> , 1998, 12, 219-232.	2.7	183
27	<i>Candida albicans</i> Morphology and Dendritic Cell Subsets Determine T Helper Cell Differentiation. <i>Immunity</i> , 2015, 42, 356-366.	6.6	182
28	Comparative genome hybridization reveals widespread aneuploidy in <i>Candida albicans</i> laboratory strains. <i>Molecular Microbiology</i> , 2005, 55, 1553-1565.	1.2	175
29	Antifungal tolerance is a subpopulation effect distinct from resistance and is associated with persistent candidemia. <i>Nature Communications</i> , 2018, 9, 2470.	5.8	175
30	<i>Candida albicans</i> hyphae have a Spitzenkörper that is distinct from the polarisome found in yeast and pseudohyphae. <i>Journal of Cell Science</i> , 2005, 118, 2935-2947.	1.2	164
31	Neocentromeres Form Efficiently at Multiple Possible Loci in <i>Candida albicans</i> . <i>PLoS Genetics</i> , 2009, 5, e1000400.	1.5	152
32	Evolution in <i>Candida albicans</i> Populations During a Single Passage Through a Mouse Host. <i>Genetics</i> , 2009, 182, 799-811.	1.2	151
33	A Tetraploid Intermediate Precedes Aneuploid Formation in Yeasts Exposed to Fluconazole. <i>PLoS Biology</i> , 2014, 12, e1001815.	2.6	147
34	Molecular architecture of the kinetochore-microtubule attachment site is conserved between point and regional centromeres. <i>Journal of Cell Biology</i> , 2008, 181, 587-594.	2.3	144
35	RLF2, a subunit of yeast chromatin assembly factor-I, is required for telomeric chromatin function in vivo.. <i>Genes and Development</i> , 1997, 11, 358-370.	2.7	141
36	Polyploid Titan Cells Produce Haploid and Aneuploid Progeny To Promote Stress Adaptation. <i>MBio</i> , 2015, 6, e01340-15.	1.8	135

#	ARTICLE	IF	CITATIONS
37	Haplotype Mapping of a Diploid Non-Meiotic Organism Using Existing and Induced Aneuploidies. <i>PLoS Genetics</i> , 2008, 4, e1.	1.5	129
38	Comparative Gene Expression Analysis by a Differential Clustering Approach: Application to the <i>Candida albicans</i> Transcription Program. <i>PLoS Genetics</i> , 2005, 1, e39.	1.5	124
39	MEC3, MEC1, and DDC2 Are Essential Components of a Telomere Checkpoint Pathway Required for Cell Cycle Arrest during Senescence in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2002, 13, 2626-2638.	0.9	119
40	Identification of a telomere-binding activity from yeast.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 3713-3717.	3.3	115
41	Targeting the Adaptability of Heterogeneous Aneuploids. <i>Cell</i> , 2015, 160, 771-784.	13.5	115
42	A Forkhead Transcription Factor Is Important for True Hyphal as well as Yeast Morphogenesis in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2002, 1, 787-798.	3.4	114
43	Dynamic ploidy changes drive fluconazole resistance in human cryptococcal meningitis. <i>Journal of Clinical Investigation</i> , 2019, 129, 999-1014.	3.9	112
44	Gene Essentiality Analyzed by <i>In Vivo</i> Transposon Mutagenesis and Machine Learning in a Stable Haploid Isolate of <i>Candida albicans</i> . <i>MBio</i> , 2018, 9, .	1.8	110
45	Rapid Mechanisms for Generating Genome Diversity: Whole Ploidy Shifts, Aneuploidy, and Loss of Heterozygosity. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a019604-a019604.	2.9	106
46	Predicting microbial growth in a mixed culture from growth curve data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14698-14707.	3.3	102
47	Parasexual Ploidy Reduction Drives Population Heterogeneity Through Random and Transient Aneuploidy in <i>Candida albicans</i> . <i>Genetics</i> , 2015, 200, 781-794.	1.2	98
48	YMAP: a pipeline for visualization of copy number variation and loss of heterozygosity in eukaryotic pathogens. <i>Genome Medicine</i> , 2014, 6, 100.	3.6	95
49	Cell-Cycle-Coupled Structural Oscillation of Centromeric Nucleosomes in Yeast. <i>Cell</i> , 2012, 150, 304-316.	13.5	92
50	The Mitotic Cyclins Clb2p and Clb4p Affect Morphogenesis in <i>Candida albicans</i> . <i>Molecular Biology of the Cell</i> , 2005, 16, 3387-3400.	0.9	90
51	<i>Chlamydomonas</i> telomere sequences are A+T-rich but contain three consecutive G-C base pairs.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 8222-8226.	3.3	88
52	Ploidy plasticity: a rapid and reversible strategy for adaptation to stress. <i>FEMS Yeast Research</i> , 2016, 16, fow020.	1.1	86
53	Epigenetically-Inherited Centromere and Neocentromere DNA Replicates Earliest in S-Phase. <i>PLoS Genetics</i> , 2010, 6, e1001068.	1.5	84
54	Rapid Phenotypic and Genotypic Diversification After Exposure to the Oral Host Niche in <i>Candida albicans</i> . <i>Genetics</i> , 2018, 209, 725-741.	1.2	82

#	ARTICLE	IF	CITATIONS
55	Methodologies for in vitro and in vivo evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. <i>Microbial Cell</i> , 2018, 5, 300-326.	1.4	81
56	Neocentromeres and epigenetically inherited features of centromeres. <i>Chromosome Research</i> , 2012, 20, 607-619.	1.0	79
57	Aneuploid Chromosomes Are Highly Unstable during DNA Transformation of <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2009, 8, 1554-1566.	3.4	77
58	<i>Candida albicans</i> Int1p Interacts with the Septin Ring in Yeast and Hyphal Cells. <i>Molecular Biology of the Cell</i> , 2001, 12, 3538-3549.	0.9	76
59	Aneuploidy Enables Cross-Adaptation to Unrelated Drugs. <i>Molecular Biology and Evolution</i> , 2019, 36, 1768-1782.	3.5	75
60	Shuttle vectors for facile gap repair cloning and integration into a neutral locus in <i>Candida albicans</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 565-579.	0.7	74
61	Telomere Length Regulation and Telomeric Chromatin Require the Nonsense-Mediated mRNA Decay Pathway. <i>Molecular and Cellular Biology</i> , 1998, 18, 6121-6130.	1.1	70
62	<i>Candida albicans</i> Dispersed Cells Are Developmentally Distinct from Biofilm and Planktonic Cells. <i>MBio</i> , 2018, 9, .	1.8	69
63	Additional cassettes for epitope and fluorescent fusion proteins in <i>Candida albicans</i> . <i>Yeast</i> , 2009, 26, 399-406.	0.8	65
64	Dancing genomes: fungal nuclear positioning. <i>Nature Reviews Microbiology</i> , 2009, 7, 875-886.	13.6	65
65	Does stress induce (para)sex? Implications for <i>Candida albicans</i> evolution. <i>Trends in Genetics</i> , 2012, 28, 197-203.	2.9	65
66	High-Resolution SNP/CGH Microarrays Reveal the Accumulation of Loss of Heterozygosity in Commonly Used <i>Candida albicans</i> Strains. <i>G3: Genes, Genomes, Genetics</i> , 2011, 1, 523-530.	0.8	64
67	Yeast Ty1 Retrotransposition Is Stimulated by a Synergistic Interaction between Mutations in Chromatin Assembly Factor I and Histone Regulatory Proteins. <i>Molecular and Cellular Biology</i> , 1998, 18, 4783-4792.	1.1	62
68	mRNAs Encoding Telomerase Components and Regulators Are Controlled by UPF Genes in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2003, 2, 134-142.	3.4	62
69	The pattern and evolution of yeast promoter bendability. <i>Trends in Genetics</i> , 2007, 23, 318-321.	2.9	62
70	Heteroresistance to Fluconazole Is a Continuously Distributed Phenotype among <i>Candida glabrata</i> Clinical Strains Associated with <i>In Vivo</i> Persistence. <i>MBio</i> , 2016, 7, .	1.8	61
71	Yeast telomere repeat sequence (TRS) improves circular plasmid segregation, and TRS plasmid segregation involves the RAPI gene product.. <i>Molecular and Cellular Biology</i> , 1992, 12, 1997-2009.	1.1	61
72	Microtubules in <i>Candida albicans</i> Hyphae Drive Nuclear Dynamics and Connect Cell Cycle Progression to Morphogenesis. <i>Eukaryotic Cell</i> , 2005, 4, 1697-1711.	3.4	58

#	ARTICLE	IF	CITATIONS
73	diskImageR: quantification of resistance and tolerance to antimicrobial drugs using disk diffusion assays. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1059-1068.	0.7	58
74	Microbial communities form rich extracellular metabolomes that foster metabolic interactions and promote drug tolerance. <i>Nature Microbiology</i> , 2022, 7, 542-555.	5.9	58
75	Cassettes for the PCR-mediated construction of regulatable alleles in <i>Candida albicans</i> . <i>Yeast</i> , 2004, 21, 429-436.	0.8	57
76	Real-Time Imaging of the Azole Class of Antifungal Drugs in Live <i>Candida</i> Cells. <i>ACS Chemical Biology</i> , 2017, 12, 1769-1777.	1.6	57
77	<i>Candida albicans</i> . <i>Current Biology</i> , 2012, 22, R620-R622.	1.8	53
78	Flexibility of centromere and kinetochore structures. <i>Trends in Genetics</i> , 2012, 28, 204-212.	2.9	49
79	<i>Candida auris</i> Identification and Rapid Antifungal Susceptibility Testing Against Echinocandins by MALDI-TOF MS. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 20.	1.8	48
80	The Requirement for the Dam1 Complex Is Dependent upon the Number of Kinetochore Proteins and Microtubules. <i>Current Biology</i> , 2011, 21, 889-896.	1.8	47
81	Dynein-dependent nuclear dynamics affect morphogenesis in <i>Candida albicans</i> by means of the Bub2p spindle checkpoint. <i>Journal of Cell Science</i> , 2008, 121, 466-476.	1.2	46
82	Ploidy dynamics and evolvability in fungi. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150461.	1.8	46
83	<i>Candida albicans</i> INT1 -Induced Filamentation in <i>Saccharomyces cerevisiae</i> Depends on Sla2p. <i>Molecular and Cellular Biology</i> , 2001, 21, 1272-1284.	1.1	44
84	Selection of <i>Candida albicans</i> trisomy during oropharyngeal infection results in a commensal-like phenotype. <i>PLoS Genetics</i> , 2019, 15, e1008137.	1.5	43
85	Ploidy tug-of-war: Evolutionary and genetic environments influence the rate of ploidy drive in a human fungal pathogen. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1025-1038.	1.1	42
86	A class of single-stranded telomeric DNA-binding proteins required for Rap1p localization in yeast nuclei. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5558-5562.	3.3	39
87	Effect of INT1 Gene on <i>Candida albicans</i> Murine Intestinal Colonization. <i>Journal of Surgical Research</i> , 1999, 87, 245-251.	0.8	38
88	Yeast Chromatin Assembly Complex 1 Protein Excludes Nonacetylatable Forms of Histone H4 from Chromatin and the Nucleus. <i>Molecular and Cellular Biology</i> , 2004, 24, 10180-10192.	1.1	38
89	The Three Clades of the Telomere-Associated <i>TLO</i> Gene Family of <i>Candida albicans</i> Have Different Splicing, Localization, and Expression Features. <i>Eukaryotic Cell</i> , 2012, 11, 1268-1275.	3.4	38
90	Functional conservation of Dhh1p, a cytoplasmic DEXD/H-box protein present in large complexes. <i>Nucleic Acids Research</i> , 2003, 31, 4995-5002.	6.5	37

#	ARTICLE	IF	CITATIONS
91	Shift and adapt: the costs and benefits of karyotype variations. <i>Current Opinion in Microbiology</i> , 2015, 26, 130-136.	2.3	37
92	Telomeric ORFs (TLOs) in <i>Candida</i> spp. Encode Mediator Subunits That Regulate Distinct Virulence Traits. <i>PLoS Genetics</i> , 2014, 10, e1004658.	1.5	36
93	Real-Time Evolution of a Subtelomeric Gene Family in <i>Candida albicans</i> . <i>Genetics</i> , 2015, 200, 907-919.	1.2	36
94	<i>Candida albicans</i> repetitive elements display epigenetic diversity and plasticity. <i>Scientific Reports</i> , 2016, 6, 22989.	1.6	35
95	The fitness costs and benefits of trisomy of each <i>Candida albicans</i> chromosome. <i>Genetics</i> , 2021, 218, .	1.2	35
96	Molecular Genetic and Genomic Approaches to the Study of Medically Important Fungi. <i>Infection and Immunity</i> , 2003, 71, 2299-2309.	1.0	34
97	Neocentromeres Provide Chromosome Segregation Accuracy and Centromere Clustering to Multiple Loci along a <i>Candida albicans</i> Chromosome. <i>PLoS Genetics</i> , 2016, 12, e1006317.	1.5	34
98	Telomere Cap Components Influence the Rate of Senescence in Telomerase-Deficient Yeast Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 837-845.	1.1	33
99	Y MAP : a pipeline for visualization of copy number variation and loss of heterozygosity in eukaryotic pathogens. <i>Genome Medicine</i> , 2014, 6, 100.	3.6	33
100	Gbp1p, a Protein with RNA Recognition Motifs, Binds Single-Stranded Telomeric DNA and Changes Its Binding Specificity upon Dimerization. <i>Molecular and Cellular Biology</i> , 1999, 19, 923-933.	1.1	32
101	Efficient and rapid identification of <i>Candida albicans</i> allelic status using SNP-RFLP. <i>FEMS Yeast Research</i> , 2009, 9, 1061-1069.	1.1	32
102	CaMtw1, a member of the evolutionarily conserved Mis12 kinetochore protein family, is required for efficient inner kinetochore assembly in the pathogenic yeast <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2011, 80, 14-32.	1.2	30
103	Evolutionary Dynamics of <i>Candida albicans</i> during <i>In Vitro</i> Evolution. <i>Eukaryotic Cell</i> , 2011, 10, 1413-1421.	3.4	30
104	Silencing Is Noisy: Population and Cell Level Noise in Telomere-Adjacent Genes Is Dependent on Telomere Position and Sir2. <i>PLoS Genetics</i> , 2014, 10, e1004436.	1.5	30
105	Sir2 regulates stability of repetitive domains differentially in the human fungal pathogen <i>Candida albicans</i> . <i>Nucleic Acids Research</i> , 2016, 44, gkw594.	6.5	29
106	Adaptive Mistranslation Accelerates the Evolution of Fluconazole Resistance and Induces Major Genomic and Gene Expression Alterations in <i>Candida albicans</i> . <i>MSphere</i> , 2017, 2, .	1.3	29
107	Localizing Antifungal Drugs to the Correct Organelle Can Markedly Enhance their Efficacy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6230-6235.	7.2	29
108	Living Bacteria in Thermoresponsive Gel for Treating Fungal Infections. <i>Advanced Functional Materials</i> , 2018, 28, 1801581.	7.8	29

#	ARTICLE	IF	CITATIONS
109	Impact of tolerance to fluconazole on treatment response in <i>Candida albicans</i> bloodstream infection. <i>Mycoses</i> , 2021, 64, 78-85.	1.8	29
110	CAC3 (MS11) Suppression of RAS2 G19V Is Independent of Chromatin Assembly Factor I and Mediated by NPR1. <i>Molecular and Cellular Biology</i> , 2001, 21, 1784-1794.	1.1	28
111	Rad52 function prevents chromosome loss and truncation in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2011, 79, 1462-1482.	1.2	28
112	Phenotypic Consequences of a Spontaneous Loss of Heterozygosity in a Common Laboratory Strain of <i>Candida albicans</i> . <i>Genetics</i> , 2016, 203, 1161-1176.	1.2	28
113	<i>Candida albicans</i> Genetic Background Influences Mean and Heterogeneity of Drug Responses and Genome Stability during Evolution in Fluconazole. <i>MSphere</i> , 2020, 5, .	1.3	28
114	Identification of Essential Genes and Fluconazole Susceptibility Genes in <i>Candida glabrata</i> by Profiling <i>Hermes</i> Transposon Insertions. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3859-3870.	0.8	27
115	[32] An agarose gel electrophoresis assay for the detection of DNA-binding activities in yeast cell extracts. <i>Methods in Enzymology</i> , 1987, 155, 528-537.	0.4	26
116	Functional diversification accompanies gene family expansion of MED2 homologs in <i>Candida albicans</i> . <i>PLoS Genetics</i> , 2018, 14, e1007326.	1.5	25
117	Transcript Profiles of <i>Candida albicans</i> Cortical Actin Patch Mutants Reflect Their Cellular Defects: Contribution of the Hog1p and Mkc1p Signaling Pathways. <i>Eukaryotic Cell</i> , 2006, 5, 1252-1265.	3.4	24
118	SLA2 mutations cause SWE1-mediated cell cycle phenotypes in <i>Candida albicans</i> and <i>Saccharomyces cerevisiae</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 3847-3859.	0.7	23
119	Expression of a nitrogen-fixation gene encoding a nitrogenase subunit in yeast. <i>Gene</i> , 1985, 35, 1-9.	1.0	22
120	TEL+CEN antagonism on plasmids involves telomere repeat sequences tracts and gene products that interact with chromosomal telomeres. <i>Chromosoma</i> , 1994, 103, 237-250.	1.0	22
121	Monopolin recruits condensin to organize centromere DNA and repetitive DNA sequences. <i>Molecular Biology of the Cell</i> , 2013, 24, 2807-2819.	0.9	22
122	Maize Transposable Elements <i>Ac</i> / <i>Ds</i> as Insertion Mutagenesis Tools in <i>Candida albicans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1139-1145.	0.8	22
123	Tunicamycin Potentiates Antifungal Drug Tolerance via Aneuploidy in <i>Candida albicans</i> . <i>MBio</i> , 2021, 12, e0227221.	1.8	22
124	Insertion of Telomere Repeat Sequence Decreases Plasmid DNA Condensation by Cobalt (III) Hexaammine. <i>Biophysical Journal</i> , 1998, 74, 1484-1491.	0.2	21
125	Analysis of protein function in clinical <i>C. albicans</i> isolates. <i>Yeast</i> , 2012, 29, 303-309.	0.8	21
126	Origin Replication Complex Binding, Nucleosome Depletion Patterns, and a Primary Sequence Motif Can Predict Origins of Replication in a Genome with Epigenetic Centromeres. <i>MBio</i> , 2014, 5, e01703-14.	1.8	21

#	ARTICLE	IF	CITATIONS
127	Evaluation of Microsatellite Typing, ITS Sequencing, AFLP Fingerprinting, MALDI-TOF MS, and Fourier-Transform Infrared Spectroscopy Analysis of <i>Candida auris</i> . <i>Journal of Fungi (Basel)</i> , 2021, 7, 10784314. DOI: 10.3390/jof71010784	0.78	10
128	Chromatin Profiling of the Repetitive and Nonrepetitive Genomes of the Human Fungal Pathogen <i>Candida albicans</i> . <i>MBio</i> , 2019, 10, .	1.8	19
129	Adaptation to Fluconazole via Aneuploidy Enables Cross-Adaptation to Amphotericin B and Flucytosine in <i>Cryptococcus neoformans</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0072321.	1.2	19
130	Multifactorial Mechanisms of Tolerance to Ketoconazole in <i>Candida albicans</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0032121.	1.2	18
131	<i>Chlamydomonas reinhardtii</i> telomere repeats form unstable structures involving guanine-guanine base pairs. <i>Nucleic Acids Research</i> , 1992, 20, 89-95.	6.5	17
132	Anidulafungin Susceptibility Testing of <i>Candida glabrata</i> Isolates from Blood Cultures by the MALDI Biotyper Antibiotic (Antifungal) Susceptibility Test Rapid Assay. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	17
133	Combining Colistin and Fluconazole Synergistically Increases Fungal Membrane Permeability and Antifungal Cidalty. <i>ACS Infectious Diseases</i> , 2021, 7, 377-389.	1.8	17
134	Identification of a Novel Allele of <i>SIR3</i> Defective in the Maintenance, but Not the Establishment, of Silencing in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2000, 155, 523-538.	1.2	16
135	Elevated Vacuolar Uptake of Fluorescently Labeled Antifungal Drug Caspofungin Predicts Echinocandin Resistance in Pathogenic Yeast. <i>ACS Central Science</i> , 2020, 6, 1698-1712.	5.3	15
136	Vectors for Expressing T7 Epitope- and His6 Affinity-Tagged Fusion Proteins in <i>S. cerevisiae</i> . <i>BioTechniques</i> , 1998, 24, 782-788.	0.8	14
137	Autonomously Replicating Linear Plasmids That Facilitate the Analysis of Replication Origin Function in <i>Candida albicans</i> . <i>MSphere</i> , 2019, 4, .	1.3	14
138	Aneuploidy Underlies Tolerance and Cross-Tolerance to Drugs in <i>Candida parapsilosis</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0050821.	1.2	14
139	Comparing the utility of in vivo transposon mutagenesis approaches in yeast species to infer gene essentiality. <i>Current Genetics</i> , 2020, 66, 1117-1134.	0.8	13
140	Combination of Miconazole and Domiphen Bromide Is Fungicidal against Biofilms of Resistant <i>Candida</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	13
141	Promoter mutations that allow <i>nifA</i> -independent expression of the nitrogen fixation <i>nifHDKY</i> operon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983, 80, 5812-5816.	3.3	12
142	Telomeric ORFS in <i>Candida albicans</i> : Does Mediator Tail Wag the Yeast?. <i>PLoS Pathogens</i> , 2015, 11, e1004614.	2.1	12
143	High frame-rate resolution of cell division during <i>Candida albicans</i> filamentation. <i>Fungal Genetics and Biology</i> , 2016, 88, 54-58.	0.9	12
144	Phenotypic and genotypic characteristics of <i>Candida albicans</i> isolates from bloodstream and mucosal infections. <i>Mycoses</i> , 2017, 60, 534-545.	1.8	12

#	ARTICLE	IF	CITATIONS
145	Physical limits on kinesin-5-mediated chromosome congression in the smallest mitotic spindles. <i>Molecular Biology of the Cell</i> , 2015, 26, 3999-4014.	0.9	11
146	Localizing Antifungal Drugs to the Correct Organelle Can Markedly Enhance their Efficacy. <i>Angewandte Chemie</i> , 2018, 130, 6338-6343.	1.6	10
147	Combining Miconazole and Domiphen Bromide Results in Excess of Reactive Oxygen Species and Killing of Biofilm Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 617214.	1.8	10
148	Low Dosage of Histone H4 Leads to Growth Defects and Morphological Changes in <i>Candida albicans</i> . <i>PLoS ONE</i> , 2010, 5, e10629.	1.1	10
149	An orthologous gene coevolution network provides insight into eukaryotic cellular and genomic structure and function. <i>Science Advances</i> , 2022, 8, eabn0105.	4.7	10
150	When abnormality is beneficial. <i>Nature</i> , 2010, 468, 183-184.	13.7	7
151	Filamentous Growth of <i>Saccharomyces cerevisiae</i> Is Regulated by Manganese. <i>Fungal Genetics and Biology</i> , 2000, 30, 155-162.	0.9	6
152	Generation of Fluorescent Protein Fusions in <i>Candida</i> Species. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	6
153	Reply to Balsa-Canto et al.: Growth models are applicable to growth data, not to stationary-phase data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 814-815.	3.3	6
154	Adaptive Resistance Mutations at Suprainhibitory Concentrations Independent of SOS Mutagenesis. <i>Molecular Biology and Evolution</i> , 2021, 38, 4095-4115.	3.5	6
155	Peptide Self-Assembly Is Linked to Antibacterial, but Not Antifungal, Activity of Histatin 5 Derivatives. <i>MSphere</i> , 2020, 5, .	1.3	5
156	TEL+CEN antagonism on plasmids involves telomere repeat sequences tracts and gene products that interact with chromosomal telomeres. <i>Chromosoma</i> , 1994, 103, 237-250.	1.0	4
157	Dynein-dependent nuclear dynamics affect morphogenesis in <i>Candida albicans</i> by means of the Bub2p spindle checkpoint. <i>Journal of Cell Science</i> , 2008, 121, 724-724.	1.2	3
158	<i>Candida haemulonii</i> and <i>Candida auris</i> : Emerging Multidrug-Resistant Species With Distinct Virulence and Epidemiological Characteristics. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	2
159	Assessment of <i>Candida auris</i> Response to Antifungal Drugs Using Time-Kill Assays and an Animal Model. <i>Open Forum Infectious Diseases</i> , 2017, 4, S73-S73.	0.4	2
160	Adenosine Triphosphate Released by <i>Candida albicans</i> Is Associated with Reduced Skin Infectivity. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2306-2310.	0.3	2
161	Response from Gale et al.. <i>Trends in Microbiology</i> , 1998, 6, 302-303.	3.5	1
162	Growth and development: eukaryotes. <i>Current Opinion in Microbiology</i> , 2009, 12, 589-591.	2.3	1

#	ARTICLE	IF	CITATIONS
163	Haplotyping a Non-meiotic Diploid Fungal Pathogen Using Induced Aneuploidies and SNP/CGH Microarray Analysis. <i>Methods in Molecular Biology</i> , 2017, 1551, 131-146.	0.4	1
164	Cell Cycle and Growth Control in <i>Candida</i> Species. , 0, , 101-124.		1