

Anna Selmecki

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,737
citations

304743

22
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

3111
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Diversity across <i>Candida auris</i> Clinical Isolates Shapes Rapid Development of Antifungal Resistance <i>In Vitro</i> and <i>In Vivo</i> . <i>MBio</i> , 2022, 13, .	4.1	18
2	The fitness costs and benefits of trisomy of each <i>Candida albicans</i> chromosome. <i>Genetics</i> , 2021, 218, .	2.9	35
3	A small molecule produced by <i>Lactobacillus</i> species blocks <i>Candida albicans</i> filamentation by inhibiting a DYRK1-family kinase. <i>Nature Communications</i> , 2021, 12, 6151.	12.8	50
4	981. An Investigation into Possible Nosocomial Clusters and On-Treatment Resistance Patterns in Candidemia. <i>Open Forum Infectious Diseases</i> , 2021, 8, S581-S582.	0.9	0
5	Expandable and reversible copy number amplification drives rapid adaptation to antifungal drugs. <i>ELife</i> , 2020, 9, .	6.0	94
6	1163. Epidemiology of Candidemia: Can <i>Candida</i> Spread from Patient to Patient in the Hospital?. <i>Open Forum Infectious Diseases</i> , 2020, 7, S607-S608.	0.9	0
7	<i>lptG</i> contributes to changes in membrane permeability and the emergence of multidrug hypersusceptibility in a cystic fibrosis isolate of <i>Pseudomonas aeruginosa</i> . <i>MicrobiologyOpen</i> , 2019, 8, e844.	3.0	6
8	Draft Genome Assemblies of Clinical Isolates of <i>Klebsiella pneumoniae</i> V9011662 and <i>Enterobacter hormaechei</i> Entb306. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
9	Selection of <i>Candida albicans</i> trisomy during oropharyngeal infection results in a commensal-like phenotype. <i>PLoS Genetics</i> , 2019, 15, e1008137.	3.5	43
10	Functional divergence of a global regulatory complex governing fungal filamentation. <i>PLoS Genetics</i> , 2019, 15, e1007901.	3.5	17
11	Genome plasticity in <i>Candida albicans</i> is driven by long repeat sequences. <i>ELife</i> , 2019, 8, .	6.0	83
12	Spindle Dynamics Model Explains Chromosome Loss Rates in Yeast Polyploid Cells. <i>Frontiers in Genetics</i> , 2018, 9, 296.	2.3	7
13	Assembly of a complete genome sequence for <i>Gemmata obscuriglobus</i> reveals a novel prokaryotic rRNA operon gene architecture. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2095-2105.	1.7	4
14	Flow Cytometry Analysis of Fungal Ploidy. <i>Current Protocols in Microbiology</i> , 2018, 50, e58.	6.5	26
15	Global analysis of genetic circuitry and adaptive mechanisms enabling resistance to the azole antifungal drugs. <i>PLoS Genetics</i> , 2018, 14, e1007319.	3.5	37
16	The <i>Candida albicans</i> transcription factor Cas5 couples stress responses, drug resistance and cell cycle regulation. <i>Nature Communications</i> , 2017, 8, 499.	12.8	49
17	Ploidy Variation in Fungi: Polyploidy, Aneuploidy, and Genome Evolution. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	74
18	The Influence of Polyploidy on the Evolution of Yeast Grown in a Sub-Optimal Carbon Source. <i>Molecular Biology and Evolution</i> , 2017, 34, 2690-2703.	8.9	31

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19	Ployploidy can drive rapid adaptation in yeast. <i>Nature</i> , 2015, 519, 349-352.	27.8	376
20	Rad52 function prevents chromosome loss and truncation in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2011, 79, 1462-1482.	2.5	28
21	Genomic Plasticity of the Human Fungal Pathogen <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2010, 9, 991-1008.	3.4	241
22	Low Dosage of Histone H4 Leads to Growth Defects and Morphological Changes in <i>Candida albicans</i> . <i>PLoS ONE</i> , 2010, 5, e10629.	2.5	10
23	Acquisition of Aneuploidy Provides Increased Fitness during the Evolution of Antifungal Drug Resistance. <i>PLoS Genetics</i> , 2009, 5, e1000705.	3.5	293
24	Neocentromeres Form Efficiently at Multiple Possible Loci in <i>Candida albicans</i> . <i>PLoS Genetics</i> , 2009, 5, e1000400.	3.5	152
25	Aneuploid Chromosomes Are Highly Unstable during DNA Transformation of <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2009, 8, 1554-1566.	3.4	77
26	Evolution in <i>Candida albicans</i> Populations During a Single Passage Through a Mouse Host. <i>Genetics</i> , 2009, 182, 799-811.	2.9	151
27	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.	2.5	280
28	Haplotype Mapping of a Diploid Non-Meiotic Organism Using Existing and Induced Aneuploidies. <i>PLoS Genetics</i> , 2008, 4, e1.	3.5	129
29	Genotypic Evolution of Azole Resistance Mechanisms in Sequential <i>Candida albicans</i> Isolates. <i>Eukaryotic Cell</i> , 2007, 6, 1889-1904.	3.4	268
30	A Mutation in Tac1p, a Transcription Factor Regulating CDR1 and CDR2, 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.	2.9	341
31	Aneuploidy and Isochromosome Formation in Drug-Resistant <i>Candida albicans</i> . <i>Science</i> , 2006, 313, 367-370.	12.6	630
32	Comparative genome hybridization reveals widespread aneuploidy in <i>Candida albicans</i> laboratory strains. <i>Molecular Microbiology</i> , 2005, 55, 1553-1565.	2.5	175
33	Ploidy Variation in Fungi: Polyploidy, Aneuploidy, and Genome Evolution. , 0, , 599-618.		9