Glen E Palmer

List of Publications by Year
in descending order

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Version: 2024-02-01

42 papers	4,418 citations	361413 20 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	10654 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Fungal Morphogenetic Pathways Are Required for the Hallmark Inflammatory Response during Candida albicans Vaginitis. Infection and Immunity, 2014, 82, 532-543.	2.2	147
3	Candidalysin Drives Epithelial Signaling, Neutrophil Recruitment, and Immunopathology at the Vaginal Mucosa. Infection and Immunity, 2018, 86, .	2.2	123
4	Mutations in TAC1B : a Novel Genetic Determinant of Clinical Fluconazole Resistance in Candida auris. MBio, 2020, 11, .	4.1	101
5	Abrogation of Triazole Resistance upon Deletion of CDR1 in a Clinical Isolate of Candida auris. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	99
6	Autophagy in the pathogen Candida albicans. Microbiology (United Kingdom), 2007, 153, 51-58.	1.8	87
7	Synthesis and antifungal activity of substituted 2,4,6-pyrimidinetrione carbaldehyde hydrazones. Bioorganic and Medicinal Chemistry, 2014, 22, 813-826.	3.0	61
8	Candida albicans VPS11 Is Required for Vacuole Biogenesis and Germ Tube Formation. Eukaryotic Cell, 2003, 2, 411-421.	3.4	60
9	Morphogenesis Is Not Required for Candida albicans-Staphylococcus aureus Intra-Abdominal Infection-Mediated Dissemination and Lethal Sepsis. Infection and Immunity, 2014, 82, 3426-3435.	2.2	54
10	Loss of C-5 Sterol Desaturase Activity Results in Increased Resistance to Azole and Echinocandin Antifungals in a Clinical Isolate of Candida parapsilosis. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	42
11	Remasking of Candida albicans Î²-Glucan in Response to Environmental pH Is Regulated by Quorum Sensing. MBio, 2019, 10, .	4.1	37
12	A variant ECE1 allele contributes to reduced pathogenicity of Candida albicans during vulvovaginal candidiasis. PLoS Pathogens, 2021, 17, e1009884.	4.7	35
13	Trafficking through the Late Endosome Significantly Impacts Candida albicans Tolerance of the Azole Antifungals. Antimicrobial Agents and Chemotherapy, 2015, 59, 2410-2420.	3.2	33
14	Comparative Analysis of the Capacity of the Candida Species To Elicit Vaginal Immunopathology. Infection and Immunity, 2018, 86, .	2.2	30
15	Role for Endosomal and Vacuolar GTPases in Candida albicans Pathogenesis. Infection and Immunity, 2009, 77, 2343-2355.	2.2	29
16	Delineation of the Direct Contribution of Candida auris ERG11 Mutations to Clinical Triazole Resistance. Microbiology Spectrum, 2021, 9, e0158521.	3.0	27
17	In Vivo Indicators of Cytoplasmic, Vacuolar, and Extracellular pH Using pHluorin2 in Candida albicans. MSphere, 2017, 2, .	2.9	24
18	Three Prevacuolar Compartment Rab GTPases Impact Candida albicans Hyphal Growth. Eukaryotic Cell, 2013, 12, 1039-1050.	3.4	23

#	Article	IF	Citations
19	Vacuolar trafficking andCandida albicanspathogenesis. Communicative and Integrative Biology, 2011, 4, 240-242.	1.4	22
20	ERG2 and ERG24 Are Required for Normal Vacuolar Physiology as Well as Candida albicans Pathogenicity in a Murine Model of Disseminated but Not Vaginal Candidiasis. Eukaryotic Cell, 2015, 14, 1006-1016.	3.4	22
21	Antifungal adjuvants: Preserving and extending the antifungal arsenal. Virulence, 2017, 8, 198-210.	4.4	21
22	Dihydrofolate Reductase Is a Valid Target for Antifungal Development in the Human Pathogen Candida albicans. MSphere, 2020, 5, .	2.9	20
23	Bmh1p (14-3-3) mediates pathways associated with virulence in Candida albicans. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	15
24	Loss of Upc2p-Inducible ERG3 Transcription Is Sufficient To Confer Niche-Specific Azole Resistance without Compromising Candida albicans Pathogenicity. MBio, 2018, 9, .	4.1	15
25	Endosomal and AP-3-Dependent Vacuolar Trafficking Routes Make Additive Contributions to Candida albicans Hyphal Growth and Pathogenesis. Eukaryotic Cell, 2010, 9, 1755-1765.	3.4	14
26	The Vacuolar Ca ²⁺ ATPase Pump Pmc1p Is Required for Candida albicans Pathogenesis. MSphere, 2019, 4, .	2.9	14
27	Random mutagenesis of an essential Candida albicans gene. Current Genetics, 2004, 46, 343-356.	1.7	13
28	A Systematic Screen Reveals a Diverse Collection of Medications That Induce Antifungal Resistance in Candida Species. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	13
29	An Azole-Tolerant Endosomal Trafficking Mutant of Candida albicans Is Susceptible to Azole Treatment in a Mouse Model of Vaginal Candidiasis. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	12
30	Overexpression of Candida albicans Secreted Aspartyl Proteinase 2 or 5 Is Not Sufficient for Exacerbation of Immunopathology in a Murine Model of Vaginitis. Infection and Immunity, 2017, 85, .	2.2	11
31	Differential requirements of protein geranylgeranylation for the virulence of human pathogenic fungi. Virulence, 2019, 10, 511-526.	4.4	11
32	Loss of C-5 Sterol Desaturase Activity in Candida albicans : Azole Resistance or Merely Trailing Growth?. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	11
33	Identification of small molecules that disrupt vacuolar function in the pathogen Candida albicans. PLoS ONE, 2017, 12, e0171145.	2.5	11
34	Autophagy in the Invading Pathogen. Autophagy, 2007, 3, 251-253.	9.1	10
35	Target Abundance-Based Fitness Screening (TAFiS) Facilitates Rapid Identification of Target-Specific and Physiologically Active Chemical Probes. MSphere, 2017, 2, .	2.9	10
36	Endosomal Trafficking Defects Can Induce Calcium-Dependent Azole Tolerance in Candida albicans. Antimicrobial Agents and Chemotherapy, 2016, 60, 7170-7177.	3.2	9

#	Article	IF	Citations
37	Commonly Used Oncology Drugs Decrease Antifungal Effectiveness against Candida and Aspergillus Species. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	8
38	An Unbiased Drug Screen for Seizure Suppressors in Duplication 15q Syndrome Reveals 5-HT1A and Dopamine Pathway Activation as Potential Therapies. Biological Psychiatry, 2020, 88, 698-709.	1.3	7
39	Identification of Inhibitors of Fungal Fatty Acid Biosynthesis. ACS Infectious Diseases, 2021, 7, 3210-3223.	3.8	7
40	Titrating Gene Function in the Human Fungal Pathogen Candida albicans through Poly-Adenosine Tract Insertion. MSphere, 2019, 4, .	2.9	6
41	Species-Specific Differences in C-5 Sterol Desaturase Function Influence the Outcome of Azole Antifungal Exposure. Antimicrobial Agents and Chemotherapy, 2021, 65, e0104421.	3.2	1
42	Titration of C-5 Sterol Desaturase Activity Reveals Its Relationship to Candida albicans Virulence and Antifungal Susceptibility Is Dependent upon Host Immune Status. MBio, 2022, , e0011522.	4.1	1