Rajendra Prasad

List of Publications by Year
in descending order

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148 papers	5,724 citations	76326 40 h-index	95266 68 g-index
152 all docs	152 docs citations	152 times ranked	4298 citing authors

#	Article	IF	Citations
1	Unmasking of CgYor1-Dependent Azole Resistance Mediated by Target of Rapamycin (TOR) and Calcineurin Signaling in Candida glabrata. MBio, 2022, 13, e0354521.	4.1	3
2	Fluconazole resistant Candida auris clinical isolates have increased levels of cell wall chitin and increased susceptibility to a glucosamine-6-phosphate synthase inhibitor. Cell Surface, 2022, 8, 100076.	3.0	11
3	A Chemogenomic Toolkit to Evaluate the â€œIns and Outsâ€•of Yeast Plasma Membrane Transporters. MBio, 2022, , e0095522.	4.1	0
4	Computational Insights of Unfolding of N-Terminal Domain of TDP-43 Reveal the Conformational Heterogeneity in the Unfolding Pathway. Frontiers in Molecular Neuroscience, 2022, 15, 822863.	2.9	3
5	How fungal multidrug transporters mediate hyper resistance through <scp>DNA</scp> amplification and mutation. Molecular Microbiology, 2022, 118, 3-15.	2.5	6
6	Spontaneous Suppressors against Debilitating Transmembrane Mutants of CaMdr1 Disclose Novel Interdomain Communication via Signature Motifs of the Major Facilitator Superfamily. Journal of Fungi (Basel, Switzerland), 2022, 8, 538.	3.5	0
7	Genome-wide analysis of PTR transporters in Candida species and their functional characterization in Candida auris. Applied Microbiology and Biotechnology, 2022, 106, 4223-4235.	3.6	3
8	Bioinformatic Identification of ABC Transporters in Candida auris. Methods in Molecular Biology, 2022, , 229-240.	0.9	3
9	Inositol Phosphoryl Transferase, Ipt1, Is a Critical Determinant of Azole Resistance and Virulence Phenotypes in Candida glabrata. Journal of Fungi (Basel, Switzerland), 2022, 8, 651.	3.5	3
10	ABCG: a new fold of ABC exporters and a whole new bag of riddles!. Advances in Protein Chemistry and Structural Biology, 2021, 123, 163-191.	2.3	12
11	Sphingolipidomics of drug resistant Candida auris clinical isolates reveal distinct sphingolipid species signatures. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158815.	2.4	12
12	Structural heterogeneity in RNA recognition motif 2 (RRM2) of TAR DNA-binding protein 43 (TDP-43): clue to amyotrophic lateral sclerosis. Journal of Biomolecular Structure and Dynamics, 2021, 39, 357-367.	3.5	19
13	Directed Mutational Strategies Reveal Drug Binding and Transport by the MDR Transporters of Candida albicans. Journal of Fungi (Basel, Switzerland), 2021, 7, 68.	3.5	11
14	Functional and Comparative Analysis of Centromeres Reveals Clade-Specific Genome Rearrangements in Candida auris and a Chromosome Number Change in Related Species. MBio, 2021, 12, .	4.1	11
15	Multiple roles of ABC transporters in yeast. Fungal Genetics and Biology, 2021, 150, 103550.	2.1	32
16	ABC-finder: A containerized web server for the identification and topology prediction of ABC proteins. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183640.	2.6	3
17	Cdr1p highlights the role of the non-hydrolytic ATP-binding site in driving drug translocation in asymmetric ABC pumps. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183131.	2.6	12
18	In vitro characterization, ADME analysis, and histological and toxicological evaluation of BM1, a macrocyclic amidinourea active against azole-resistant Candida strains. International Journal of Antimicrobial Agents, 2020, 55, 105865.	2.5	15

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19	A detailed lipidomic study of human pathogenic fungi Candida auris. FEMS Yeast Research, 2020, 20, .	2.3	8
20	Identification of Genomewide Alternative Splicing Events in Sequential, Isogenic Clinical Isolates of Candida albicans Reveals a Novel Mechanism of Drug Resistance and Tolerance to Cellular Stresses. MSphere, 2020, 5, .	2.9	6
21	A homologous overexpression system to study roles of drug transporters in Candida glabrata. FEMS Yeast Research, 2020, 20, .	2.3	8
22	Assessment of antifungal resistance and associated molecular mechanism in Candida albicans isolates from different cohorts of patients in North Indian state of Haryana. Folia Microbiologica, 2020, 65, 747-754.	2.3	11
23	Background of Membrane Lipids. Springer Protocols, 2020, , 1-11.	0.3	0
24	Multidrug transporters of Candida species in clinical azole resistance. Fungal Genetics and Biology, 2019, 132, 103252.	2.1	37
25	Molecular studies of NAD- and NADP- glutamate dehydrogenases decipher the conundrum of yeast-hypha dimorphism in zygomycete Benjaminiella poitrasii. FEMS Yeast Research, 2019, 19, .	2.3	3
26	PDR-like ABC systems in pathogenic fungi. Research in Microbiology, 2019, 170, 417-425.	2.1	24
27	ABC Transporter Genes Show Upregulated Expression in Drug-Resistant Clinical Isolates of Candida auris: A Genome-Wide Characterization of ATP-Binding Cassette (ABC) Transporter Genes. Frontiers in Microbiology, 2019, 10, 1445.	3.5	55
28	Emerging Mechanisms of Drug Resistance in Candida albicans. Progress in Molecular and Subcellular Biology, 2019, 58, 135-153.	1.6	24
29	Lipidomics Approaches: Applied to the Study of Pathogenesis in Candida Species. Progress in Molecular and Subcellular Biology, 2019, 58, 195-215.	1.6	1
30	All about CDR transporters: Past, present, and future. Yeast, 2019, 36, 223-233.	1.7	28
31	Information theoretic measures and mutagenesis identify a novel linchpin residue involved in substrate selection within the nucleotide-binding domain of an ABCG family exporter Cdr1p. Archives of Biochemistry and Biophysics, 2019, 663, 143-150.	3.0	2
32	The E-helix is a central core in a conserved helical bundle involved in nucleotide binding and transmembrane domain intercalation in the ABC transporter superfamily. International Journal of Biological Macromolecules, 2019, 127, 95-106.	7.5	2
33	Vacuolar Sequestration of Azoles, a Novel Strategy of Azole Antifungal Resistance Conserved across Pathogenic and Nonpathogenic Yeast. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	23
34	W1038 near D-loop of NBD2 is a focal point for inter-domain communication in multidrug transporter Cdr1 of Candida albicans. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 965-972.	2.6	16
35	Molecular Basis of Substrate Polyspecificity of the Candida albicans Mdr1p Multidrug/H+ Antiporter. Journal of Molecular Biology, 2018, 430, 682-694.	4.2	20
36	Quorum sensing: A less known mode of communication among fungi. Microbiological Research, 2018, 210, 51-58.	5.3	149

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37	Azole resistance in a Candida albicans mutant lacking the ABC transporter CDR6/ROA1 depends on TOR signaling. Journal of Biological Chemistry, 2018, 293, 412-432.	3.4	42
38	Identification of genome-wide binding sites of heat shock factor 1, Hsf1, under basal conditions in the human pathogenic yeast, Candida albicans. AMB Express, 2018, 8, 116.	3.0	5
39	Phylogenetic and conservation analyses of MFS transporters. 3 Biotech, 2018, 8, 462.	2.2	10
40	ABC transportome inventory of human pathogenic yeast Candida glabrata: Phylogenetic and expression analysis. PLoS ONE, 2018, 13, e0202993.	2.5	25
41	Phosphatidylserine decarboxylase governs plasma membrane fluidity and impacts drug susceptibilities of Candida albicans cells. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2308-2319.	2.6	21
42	Make azoles active again: chalcones as potent reversal agents of transporters-mediated resistance in Candida albicans. Future Medicinal Chemistry, 2018, 10, 2177-2186.	2.3	5
43	Inventory of ABC proteins and their putative role in salt and drug tolerance in Debaryomyces hansenii. Gene, 2018, 676, 227-242.	2.2	7
44	Adjuvant Potential of Poly-Î±- <scp>l</scp> -Glutamine from the Cell Wall of Mycobacterium tuberculosis. Infection and Immunity, 2018, 86, .	2.2	10
45	Evaluation of Jatrophane Esters from Euphorbia spp. as Modulators of Candida albicans Multidrug Transporters. Journal of Natural Products, 2017, 80, 479-487.	3.0	39
46	Alum adjuvanted rabies DNA vaccine confers 80% protection against lethal 50 LD50 rabies challenge virus standard strain. Molecular Immunology, 2017, 85, 166-173.	2.2	15
47	Lathyrol and epoxylathyrol derivatives: Modulation of Cdr1p and Mdr1p drug-efflux transporters of Candida albicans in Saccharomyces cerevisiae model. Bioorganic and Medicinal Chemistry, 2017, 25, 3278-3284.	3.0	12
48	Tools and Techniques to Study Multidrug Transporters of Yeasts. , 2017, , 183-207.		3
49	Non-heat shock responsive roles of HSF1 in Candida albicans are essential under iron deprivation and drug defense. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 345-354.	4.1	15
50	Multidrug ABC transporter Cdr1 of Candida albicans harbors specific and overlapping binding sites for human steroid hormones transport. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1778-1789.	2.6	9
51	The global regulator Ncb2 escapes from the core promoter and impacts transcription in response to drug stress in Candida albicans. Scientific Reports, 2017, 7, 46084.	3.3	7
52	Resistance to antifungal therapies. Essays in Biochemistry, 2017, 61, 157-166.	4.7	30
53	Modulators of the Efflux Pump Cdr1p of Candida albicans: Mechanisms of Action and Chemical Features. Current Medicinal Chemistry, 2017, 24, 3242-3253.	2.4	11
54	Insights into Candida Lipids. , 2017, , 417-428.		0

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55	Hydroxychavicol: A phytochemical targeting cutaneous fungal infections. Scientific Reports, 2016, 6, 37867.	3.3	30
56	Pleiotropic effects of the vacuolar ABC transporter MLT1 of Candida albicans on cell function and virulence. Biochemical Journal, 2016, 473, 1537-1552.	3.7	28
57	MFS transporters ofCandidaspecies and their role in clinical drug resistance. FEMS Yeast Research, 2016, 16, fow043.	2.3	48
58	Overcoming Multidrug Resistance in Candida albicans: Macrocyclic Diterpenes from Euphorbia Species as Potent Inhibitors of Drug Efflux Pumps. Planta Medica, 2016, 82, 1180-1185.	1.3	18
59	pHluorin enables insights into the transport mechanism of antiporter Mdr1: R215 is critical for drug/H+ antiport. Biochemical Journal, 2016, 473, 3127-3145.	3.7	9
60	Atomic modelling and systematic mutagenesis identify residues in multiple drug binding sites that are essential for drug resistance in the major Candida transporter Cdr1. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2858-2870.	2.6	17
61	Yeast ABC transporters in lipid trafficking. Fungal Genetics and Biology, 2016, 93, 25-34.	2.1	30
62	Candida Efflux ATPases and Antiporters in Clinical Drug Resistance. Advances in Experimental Medicine and Biology, 2016, 892, 351-376.	1.6	24
63	Antifungals: Mechanism of Action and Drug Resistance. Advances in Experimental Medicine and Biology, 2016, 892, 327-349.	1.6	121
64	Newly identified motifs in Candida albicans Cdr1 protein nucleotide binding domains are pleiotropic drug resistance subfamily-specific and functionally asymmetric. Scientific Reports, 2016, 6, 27132.	3.3	6
65	Chemosensitization of multidrug resistant Candida albicans by the oxathiolone fused chalcone derivatives. Frontiers in Microbiology, 2015, 6, 783.	3.5	15
66	ABC transporter Cdr1p harbors charged residues in the intracellular loop and nucleotide-binding domain critical for protein trafficking and drug resistance. FEMS Yeast Research, 2015, 15, fov036.	2.3	7
67	The ABCs of Candida albicans Multidrug Transporter Cdr1. Eukaryotic Cell, 2015, 14, 1154-1164.	3.4	91
68	Mutational Analysis of Intracellular Loops Identify Cross Talk with Nucleotide Binding Domains of Yeast ABC Transporter Cdr1p. Scientific Reports, 2015, 5, 11211.	3.3	30
69	Molecular Mechanisms of Action of Herbal Antifungal Alkaloid Berberine, in Candida albicans. PLoS ONE, 2014, 9, e104554.	2.5	73
70	An Assessment of Growth Media Enrichment on Lipid Metabolome and the Concurrent Phenotypic Properties of Candida albicans. PLoS ONE, 2014, 9, e113664.	2.5	22
71	Efflux pump proteins in antifungal resistance. Frontiers in Pharmacology, 2014, 5, 202.	3.5	115
72	Jatrophanes from Euphorbia squamosa as Potent Inhibitors of Candida albicans Multidrug Transporters. Journal of Natural Products, 2014, 77, 2700-2706.	3.0	30

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73	Mechanisms of Drug Resistance in Fungi and Their Significance in Biofilms. Springer Series on Biofilms, 2014, , 45-65.	0.1	9
74	FK520 interacts with the discrete intrahelical amino acids of multidrug transporter Cdr1 protein and acts as antagonist to selectively chemosensitize azole-resistant clinical isolates ofCandida albicans. FEMS Yeast Research, 2014, 14, 624-632.	2.3	13
75	Novel role of a family of major facilitator transporters in biofilm development and virulence of Candida albicans. Biochemical Journal, 2014, 460, 223-235.	3.7	62
76	Lipids of Candida albicans and their role in multidrug resistance. Current Genetics, 2013, 59, 243-250.	1.7	30
77	Rationally Designed Transmembrane Peptide Mimics of the Multidrug Transporter Protein Cdr1 Act as Antagonists to Selectively Block Drug Efflux and Chemosensitize Azole-resistant Clinical Isolates of Candida albicans. Journal of Biological Chemistry, 2013, 288, 16775-16787.	3.4	31
78	Insight into Pleiotropic Drug Resistance ATP-binding Cassette Pump Drug Transport through Mutagenesis of Cdr1p Transmembrane Domains*. Journal of Biological Chemistry, 2013, 288, 24480-24493.	3.4	42
79	Lipidomics andin VitroAzole Resistance inCandida albicans. OMICS A Journal of Integrative Biology, 2013, 17, 84-93.	2.0	27
80	A key structural domain of the Candida albicans Mdr1 protein. Biochemical Journal, 2012, 445, 313-322.	3.7	29
81	In VitroEffect of Malachite Green on Candida albicans Involves Multiple Pathways and Transcriptional RegulatorsUPC2andSTP2. Antimicrobial Agents and Chemotherapy, 2012, 56, 495-506.	3.2	35
82	Yeast ATP-Binding Cassette Transporters Conferring Multidrug Resistance. Annual Review of Microbiology, 2012, 66, 39-63.	7.3	185
83	Response of pathogenic and non-pathogenic yeasts to steroids. Journal of Steroid Biochemistry and Molecular Biology, 2012, 129, 61-69.	2.5	13
84	Alanine scanning of all cysteines and construction of a functional cysteine-less Cdr1p, a multidrug ABC transporter of Candida albicans. Biochemical and Biophysical Research Communications, 2012, 417, 508-513.	2.1	5
85	Comparative Lipidomics in Clinical Isolates of Candida albicans Reveal Crosstalk between Mitochondria, Cell Wall Integrity and Azole Resistance. PLoS ONE, 2012, 7, e39812.	2.5	52
86	Lipidome analysis reveals antifungal polyphenol curcumin affects membrane lipid homeostasis. Frontiers in Bioscience - Elite, 2012, E4, 1195.	1.8	11
87	Lipidome analysis reveals antifungal polyphenol curcumin affects membrane lipid homeostasis. Frontiers in Bioscience - Elite, 2012, E4, 1195-1209.	1.8	18
88	Functionally Relevant Residues of Cdr1p: A Multidrug ABC Transporter of Human Pathogenic Candida albicans. Journal of Amino Acids, 2011, 2011, 1-12.	5.8	23
89	Calcineurin Signaling and Membrane Lipid Homeostasis Regulates Iron Mediated MultiDrug Resistance Mechanisms in Candida albicans. PLoS ONE, 2011, 6, e18684.	2.5	62
90	The yeast ABC transporter Pdr18 (ORF YNR070w) controls plasma membrane sterol composition, playing a role in multidrug resistance. Biochemical Journal, 2011, 440, 195-202.	3.7	53

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91	Ncb2 Is Involved in Activated Transcription of CDR1 in Azole-Resistant Clinical Isolates of Candida albicans. Eukaryotic Cell, 2011, 10, 1357-1366.	3.4	17
92	The Quorum-Sensing Molecule Farnesol Is a Modulator of Drug Efflux Mediated by ABC Multidrug Transporters and Synergizes with Drugs in Candida albicans. Antimicrobial Agents and Chemotherapy, 2011, 55, 4834-4843.	3.2	105
93	Comparative Lipidomics of Azole Sensitive and Resistant Clinical Isolates of Candida albicans Reveals Unexpected Diversity in Molecular Lipid Imprints. PLoS ONE, 2011, 6, e19266.	2.5	40
94	Analysis of physico-chemical properties of substrates of ABC and MFS multidrug transporters of pathogenic Candida albicans. European Journal of Medicinal Chemistry, 2010, 45, 4813-4826.	5.5	31
95	Employing Information Theoretic Measures and Mutagenesis to Identify Residues Critical for Drug-Proton Antiport Function in Mdr1p of Candida albicans. PLoS ONE, 2010, 5, e11041.	2.5	18
96	Phospholipidome ofCandida: Each Species ofCandidaHas Distinctive Phospholipid Molecular Species. OMICS A Journal of Integrative Biology, 2010, 14, 665-677.	2.0	46
97	PAP1 [poly(A) polymerase 1] homozygosity and hyperadenylation are major determinants of increased mRNA stability of CDR1 in azole-resistant clinical isolates of Candida albicans. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Over		
98	Divergent signature motifs of nucleotide binding domains of ABC multidrug transporter, CaCdr1p of pathogenic Candida albicans, are functionally asymmetric and noninterchangeable. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1757-1766.	2.6	15
99	Curcumin Modulates Efflux Mediated by Yeast ABC Multidrug Transporters and Is Synergistic with Antifungals. Antimicrobial Agents and Chemotherapy, 2009, 53, 3256-3265.	3.2	96
100	Rational Mutational Analysis of a Multidrug MFS Transporter CaMdr1p of Candida albicans by Employing a Membrane Environment Based Computational Approach. PLoS Computational Biology, 2009, 5, e1000624.	3.2	24
101	The amino acid residues of transmembrane helix 5 of multidrug resistance protein CaCdr1p of Candida albicans are involved in substrate specificity and drug transport. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1752-1761.	2.6	20
102	Differential dynamics of membrane proteins in yeast. Biochemical and Biophysical Research Communications, 2009, 387, 661-665.	2.1	18
103	MFS transportome of the human pathogenic yeast Candida albicans. BMC Genomics, 2008, 9, 579.	2.8	91
104	A novel catalytic mechanism for ATP hydrolysis employed by the N-terminal nucleotide-binding domain of Cdr1p, a multidrug ABC transporter of Candida albicans. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2143-2153.	2.6	11
105	Multidrug Transporters CaCdr1p and CaMdr1p of Candida albicans Display Different Lipid Specificities: both Ergosterol and Sphingolipids Are Essential for Targeting of CaCdr1p to Membrane Rafts. Antimicrobial Agents and Chemotherapy, 2008, 52, 694-704.	3.2	114
106	Transcriptional Activation and Increased mRNA Stability Contribute to Overexpression of CDR1 in Azole-Resistant Candida albicans. Antimicrobial Agents and Chemotherapy, 2008, 52, 1481-1492.	3.2	43
107	Responses of Pathogenic and Nonpathogenic Yeast Species to Steroids Reveal the Functioning and Evolution of Multidrug Resistance Transcriptional Networks. Eukaryotic Cell, 2008, 7, 68-77.	3.4	37
108	Pathogenicity and drug resistance in Candida albicans and other yeast species. Acta Microbiologica Et Immunologica Hungarica, 2007, 54, 201-235.	0.8	140

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109	Structure and Function Analysis of CaMdr1p, a Major Facilitator Superfamily Antifungal Efflux Transporter Protein of Candida albicans: Identification of Amino Acid Residues Critical for Drug/H+ Transport. Eukaryotic Cell, 2007, 6, 443-453.	3.4	90
110	Candida Drug Resistance Protein 1, a Major Multidrug ATP Binding Cassette Transporter of Candida albicans, Translocates Fluorescent Phospholipids in a Reconstituted System. Biochemistry, 2007, 46, 12081-12090.	2.5	27
111	Conserved Asp327 of Walker B Motif in the N-Terminal Nucleotide Binding Domain (NBD-1) of Cdr1p ofCandida albicansHas Acquired a New Role in ATP Hydrolysisâ€. Biochemistry, 2006, 45, 14726-14739.	2.5	29
112	Unexpected Link between Iron and Drug Resistance of Candida spp.: Iron Depletion Enhances Membrane Fluidity and Drug Diffusion, Leading to Drug-SusceptibleCells. Antimicrobial Agents and Chemotherapy, 2006, 50, 3597-3606.	3.2	120
113	Chimeras of the ABC drug transporter Cdr1p reveal functional indispensability of transmembrane domains and nucleotide-binding domains, but transmembrane segment 12 is replaceable with the corresponding homologous region of the non-drug transporter Cdr3p. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	23
114	Membrane degradation, accumulation of Phosphatidic acid, stimulation of catalase activity and nuclear DNA fragmentation during 2,4-d-induced leaf senescence in mustard. Journal of Plant Biology, 2005, 48, 394-403.	2.1	10
115	Functional Analysis of Ca IPT1 , a Sphingolipid Biosynthetic Gene Involved in Multidrug Resistance and Morphogenesis of Candida albicans. Antimicrobial Agents and Chemotherapy, 2005, 49, 3442-3452.	3.2	71
116	Squalene epoxidase encoded by ERG1 affects morphogenesis and drug susceptibilities of Candida albicans. Journal of Antimicrobial Chemotherapy, 2005, 55, 905-913.	3.0	47
117	Complete Inventory of ABC Proteins in Human Pathogenic Yeast, Candida albicans. Journal of Molecular Microbiology and Biotechnology, 2005, 9, 3-15.	1.0	81
118	Alanine scanning of transmembrane helix 11 of Cdr1p ABC antifungal efflux pump of Candida albicans: identification of amino acid residues critical for drug efflux. Journal of Antimicrobial Chemotherapy, 2005, 56, 77-86.	3.0	48
119	Functional Characterization of N-Terminal Nucleotide Binding Domain (NBD-1) of a Major ABC Drug Transporter Cdr1p ofCandida albicans:Â Uncommon but Conserved Trp326 of Walker B Is Important for ATP Bindingâ€. Biochemistry, 2005, 44, 6650-6661.	2.5	23
120	Membrane Sphingolipid-Ergosterol Interactions Are Important Determinants of Multidrug Resistance in Candida albicans. Antimicrobial Agents and Chemotherapy, 2004, 48, 1778-1787.	3.2	144
121	Dosage-dependent functions of fatty acid desaturase Ole1p in growth and morphogenesis of Candida albicans. Microbiology (United Kingdom), 2004, 150, 1991-2003.	1.8	47
122	SRE1 and SRE2 are two specific steroid-responsive modules ofCandida drug resistance gene 1(CDR1) promoter. Yeast, 2004, 21, 219-239.	1.7	52
123	ABC multidrug transporter Cdr1p of has divergent nucleotide-binding domains which display functional asymmetry. FEMS Yeast Research, 2004, 5, 63-72.	2.3	34
124	Multidrug Resistance in Yeast Candida. International Review of Cytology, 2004, 242, 215-248.	6.2	158
125	Disulfiram is a potent modulator of multidrug transporter Cdr1p of Candida albicans. Biochemical and Biophysical Research Communications, 2004, 322, 520-525.	2.1	53
126	Purification and Characterization of the N-Terminal Nucleotide Binding Domain of an ABC Drug Transporter ofCandida albicans:Â Uncommon Cysteine 193 of Walker A Is Critical for ATP Hydrolysisâ€. Biochemistry, 2003, 42, 10822-10832.	2.5	50

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127	Functional Characterization of Candida albicans ABC Transporter Cdr1p. Eukaryotic Cell, 2003, 2, 1361-1375.	3.4	136
128	In Vitro Low-Level Resistance to Azoles in Candida albicans Is Associated with Changes in Membrane Lipid Fluidity and Asymmetry. Antimicrobial Agents and Chemotherapy, 2002, 46, 1046-1052.	3.2	133
129	Drug Susceptibilities of Yeast Cells Are Affected by Membrane Lipid Composition. Antimicrobial Agents and Chemotherapy, 2002, 46, 3695-3705.	3.2	178
130	Drug resistance in yeasts â€" an emerging scenario. Advances in Microbial Physiology, 2002, 46, 155-201.	2.4	54
131	Specificity of drug transport mediated byCaMDR1: A major facilitator ofCandida albicans. Journal of Biosciences, 2001, 26, 333-339.	1.1	33
132	CaALK8, an alkane assimilating cytochrome P450, confers multidrug resistance when expressed in a hypersensitive strain ofCandida albicans. Yeast, 2001, 18, 1117-1129.	1.7	22
133	Unusual Susceptibility of a Multidrug-Resistant Yeast Strain to Peptidic Antifungals. Antimicrobial Agents and Chemotherapy, 2001, 45, 223-228.	3.2	17
134	CDR1, a multidrug resistance gene fromCandida albicans, contains multiple regulatory domains in its promoter and the distal AP-1 element mediates its induction by miconazole. FEMS Microbiology Letters, 1999, 180, 213-219.	1.8	42
135	Membrane fluidity affects functions of Cdr1p, a multidrug ABC transporter ofCandida albicans. FEMS Microbiology Letters, 1999, 173, 475-481.	1.8	50
136	Membrane fluidity affects functions of Cdr1p, a multidrug ABC transporter of Candida albicans. FEMS Microbiology Letters, 1999, 173, 475-481.	1.8	1
137	CDR1, a multidrug resistance gene from Candida albicans, contains multiple regulatory domains in its promoter and the distal AP-1 element mediates its induction by miconazole. FEMS Microbiology Letters, 1999, 180, 213-219.	1.8	2
138	Expression ofCDR1, a multidrug resistance gene ofCandida albicans: transcriptional activation by heat shock, drugs and human steroid hormones. FEMS Microbiology Letters, 1998, 160, 191-197.	1.8	87
139	Purified arginine permease ofCandida albicans is functionally active in a reconstituted system. , 1998, 14, 335-345.		2
140	Expression of CDR1, a multidrug resistance gene of Candida albicans: transcriptional activation by heat shock, drugs and human steroid hormones. FEMS Microbiology Letters, 1998, 160, 191-197.	1.8	2
141	Functional reconstitution of a purified proline permease from Candida albicans: interaction with the antifungal cispentacin. Microbiology (United Kingdom), 1997, 143, 397-404.	1.8	19
142	Molecular cloning and characterization of a novel gene of Candida albicans, CDR1, conferring multiple resistance to drugs and antifungals. Current Genetics, 1995, 27, 320-329.	1.7	475
143	Relationship between ethanol tolerance and fatty acyl composition of Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 1989, 30, 294.	3.6	109
144	Nutrient transport inCandida albicans, a pathogenic yeast. Yeast, 1987, 3, 209-221.	1.7	32

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145	Involvement of lipids in solute transport in yeasts. Yeast, 1986, 2, 205-220.	1.7	43
146	Lipids in the Structure and Function of Yeast Membrane. Advances in Lipid Research, 1985, 21, 187-242.	1.8	27
147	Coupling between phosphatidylinositol metabolism and cdc 28 gene product of Saccharomyces cerevisiae. FEBS Letters, 1984, 167, 151-154.	2.8	5
148	A hypothesis for the possible involvement of microtubules and protein kinase in the mechanism of action of cdc 28 gene product of Saccharomyces cerevisiae. FEBS Letters, 1984, 172, 139-141.	2.8	0