

Julius Subik

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,320
citations

361413

20
h-index

361022

35
g-index

51
all docs

51
docs citations

51
times ranked

1033
citing authors

#	ARTICLE	IF	CITATIONS
1	PDR3, a new yeast regulatory gene, is homologous to PDR1 and controls the multidrug resistance phenomenon. <i>Molecular Genetics and Genomics</i> , 1994, 244, 501-511.	2.4	190
2	Obligatory requirement of intramitochondrial ATP for normal functioning of the eucaryotic cell. <i>Biochemical and Biophysical Research Communications</i> , 1972, 49, 192-198.	2.1	80
3	Resistance mechanisms in fluconazole-resistant <i>Candida albicans</i> isolates from vaginal candidiasis. <i>International Journal of Antimicrobial Agents</i> , 2006, 27, 403-408.	2.5	72
4	Fluconazole and itraconazole susceptibility of vaginal yeast isolates from Slovakia. <i>Mycopathologia</i> , 2004, 157, 163-169.	3.1	70
5	Genetic mapping of nuclear mucidin resistance mutations in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 1986, 10, 665-670.	1.7	64
6	Membrane Mutants: A Yeast Mutant with a Lesion in Phosphatidylserine Biosynthesis. <i>FEBS Journal</i> , 1980, 111, 491-501.	0.2	59
7	Mucidin Resistance in Yeast. Isolation, Characterization and Genetic Analysis of Nuclear and Mitochondrial Mucidin-Resistant Mutants of <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1977, 73, 275-286.	0.2	54
8	Molecular cloning of the PEL1 gene of <i>Saccharomyces cerevisiae</i> that is essential for the viability of petite mutants. <i>Current Genetics</i> , 1993, 24, 307-312.	1.7	53
9	Phosphatidylglycerolphosphate synthase encoded by the PEL1/PGS1 gene in <i>Saccharomyces cerevisiae</i> is localized in mitochondria and its expression is regulated by phospholipid precursors. <i>Current Genetics</i> , 1998, 34, 297-302.	1.7	52
10	Intramitochondrial ATP and Cell Functions: Yeast Cells Depleted of Intramitochondrial ATP Lose the Ability to Grow and Multiply. <i>FEBS Journal</i> , 1983, 130, 281-286.	0.2	49
11	Antibiotic mucidin, a new antimycin A-like inhibitor of electron transport in rat liver mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 1974, 57, 17-22.	2.1	36
12	Isolation and molecular characterization of the carboxy-terminal pdr3 mutants in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2000, 38, 248-255.	1.7	35
13	Mutations in the CgPDR1 and CgERG11 genes in azole-resistant <i>Candida glabrata</i> clinical isolates from Slovakia. <i>International Journal of Antimicrobial Agents</i> , 2009, 33, 574-578.	2.5	33
14	Functional characterization of the CgPGS1 gene reveals a link between mitochondrial phospholipid homeostasis and drug resistance in <i>Candida glabrata</i> . <i>Current Genetics</i> , 2008, 53, 313-322.	1.7	31
15	Genetic determination of ubiquinol-cytochrome c reductase. <i>Molecular Genetics and Genomics</i> , 1978, 161, 99-108.	2.4	28
16	Chemogenomic and transcriptome analysis identifies mode of action of the chemosensitizing agent CTBT (7-chlorotetrahydro[5,1-c]benzo[1,2,4]triazine). <i>BMC Genomics</i> , 2010, 11, 153.	2.8	23
17	Antimicrobial Activity of Amine Oxides: Mode of Action and Structure-Activity Correlation. <i>Antimicrobial Agents and Chemotherapy</i> , 1977, 12, 139-146.	3.2	21
18	Genetic determination of the mitochondrial adenine nucleotide translocation system and ITS role in the eukaryotic cell. <i>Molecular and Cellular Biochemistry</i> , 1977, 14, 11-14.	3.1	21

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19	RPD3 and ROM2 are required for multidrug resistance in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2008, 8, 414-424.	2.3	21
20	Molecular analysis of <i>Candida glabrata</i> clinical isolates. <i>Mycopathologia</i> , 2010, 170, 99-105.	3.1	21
21	Localization of mucidin-resistant locus <i>muc3</i> on mitochondrial DNA with respect to ubiquinol-cytochrome c reductase deficient box loci. <i>Locus muc3</i> is allelic to <i>box2</i> . <i>Molecular Genetics and Genomics</i> , 1980, 179, 141-146.	2.4	20
22	Chemosensitisation of drug-resistant and drug-sensitive yeast cells to antifungals. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, 170-178.	2.5	20
23	Effect of bongkrekeic acid on growth and metabolism of filamentous fungi. <i>Archives of Microbiology</i> , 1974, 97, 81-88.	2.2	19
24	Intramitochondrial ATP and cell functions. <i>Molecular Genetics and Genomics</i> , 1978, 166, 103-116.	2.4	19
25	Cloning and characterization of <i>KICOX18</i> , a gene required for activity of cytochrome oxidase in <i>Kluyveromyces lactis</i> . <i>Current Genetics</i> , 1997, 32, 267-272.	1.7	18
26	Transmission and recombination of mitochondrial genes in <i>Saccharomyces cerevisiae</i> after protoplast fusion. <i>Molecular Genetics and Genomics</i> , 1981, 181, 131-133.	2.4	16
27	<i>KNQ1</i> , a <i>Kluyveromyces lactis</i> gene encoding a drug efflux permease. <i>Current Genetics</i> , 2004, 45, 1-8.	1.7	15
28	Mutation of the <i>CgPDR16</i> gene attenuates azole tolerance and biofilm production in pathogenic <i>Candida glabrata</i> . <i>Yeast</i> , 2013, 30, 403-414.	1.7	15
29	Overexpression of the <i>YAP1</i> , <i>PDE2</i> , and <i>STB3</i> genes enhances the tolerance of yeast to oxidative stress induced by 7-chlorotetrazo[5,1-c]benzo[1,2,4]triazine. <i>FEMS Yeast Research</i> , 2012, 12, 958-968.	2.3	14
30	Isolation and molecular analysis of the gene for cytochrome c 1 from <i>Kluyveromyces lactis</i> . <i>Current Genetics</i> , 1996, 30, 145-150.	1.7	13
31	Spectral Properties of Cytochrome b-561 and Cytochrome b-565 in Mucidin-Resistant Mutants of <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1981, 119, 613-618.	0.2	11
32	Role of the PDR Gene Network in Yeast Susceptibility to the Antifungal Antibiotic Mucidin. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 418-420.	3.2	11
33	Screening for effectors that modify multidrug resistance in yeast. <i>International Journal of Antimicrobial Agents</i> , 2003, 22, 284-290.	2.5	10
34	-mediated expression in. <i>FEMS Yeast Research</i> , 2005, 5, 323-329.	2.3	10
35	Stress response and expression of fluconazole resistance associated genes in the pathogenic yeast <i>Candida glabrata</i> deleted in the <i>CgPDR16</i> gene. <i>Microbiological Research</i> , 2015, 174, 17-23.	5.3	10
36	Loss-of-function <i>pdr3</i> mutations convert the <i>Pdr3p</i> transcription activator to a protein suppressing multidrug resistance in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2007, 7, 254-264.	2.3	9

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37	High-level resistance to cycloheximide resulting from an interaction of the mutated pdr3 and cyh genes in yeast. <i>Current Genetics</i> , 1992, 22, 337-339.	1.7	8
38	The ogd1 and kgd1 mutants lacking 2-oxoglutarate dehydrogenase activity in yeast are allelic and can be differentiated by the cloned amber suppressor. <i>Current Genetics</i> , 1993, 24, 377-381.	1.7	8
39	The gene encoding phosphatidylglycerolphosphate synthase in is essential and assigned to chromosome I. <i>FEMS Yeast Research</i> , 2004, 5, 19-27.	2.3	8
40	Antibacterial activity of CTBT (7-chlorotetrazolo[5,1-c]benzo[1,2,4]triazine) generating reactive oxygen species. <i>Microbiological Research</i> , 2013, 168, 147-152.	5.3	8
41	Cytochrome b-deficiency in a mitochondrial muc1muc2 recombinant of <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1980, 178, 603-610.	2.4	7
42	The OGD1 gene, affecting 2-oxoglutarate dehydrogenase in <i>S. cerevisiae</i> , is closely linked to HIS5 on chromosome IX. <i>Current Genetics</i> , 1990, 17, 85-88.	1.7	7
43	Induction of respiration-deficient mutants in <i>Saccharomyces cerevisiae</i> by chelerythrine. <i>FEMS Microbiology Letters</i> , 1994, 120, 87-91.	1.8	7
44	CTBT (7-chlorotetrazolo[5,1-c]benzo[1,2,4]triazine) producing ROS affects growth and viability of filamentous fungi. <i>FEMS Microbiology Letters</i> , 2012, 328, 138-143.	1.8	7
45	Isolation, heterological cloning and sequencing of the RPL28 gene in <i>Kluyveromyces lactis</i> . <i>Current Genetics</i> , 2002, 42, 21-26.	1.7	6
46	Yeast strains designed for screening of reversal agents and genetic suppressors of multidrug resistance. <i>International Journal of Antimicrobial Agents</i> , 2004, 24, 386-392.	2.5	5
47	The properties of the multicopy suppressor of the ogd1 mutation in yeast. <i>Journal of Basic Microbiology</i> , 1995, 35, 229-232.	3.3	2
48	Identification and functional analysis of a <i>Kluyveromyces lactis</i> homologue of the SPT4 gene of <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 1998, 34, 375-378.	1.7	2
49	Site-directed mutagenesis of Asp853 in Pdr3p transcriptional activator from <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2010, 27, 277-284.	1.7	1
50	A yeast cell-based system for screening <i>Candida glabrata</i> multidrug resistance reversal agents and selection of loss-of-function pdr1 mutants. <i>FEMS Yeast Research</i> , 2011, 11, 155-159.	2.3	1
51	Î±-Glucosidase synthesis in yeast cells depleted of intramitochondrial ATP. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1981, 673, 10-13.	2.4	0