

Scott Moye-Rowley

List of Publications by Year in descending order

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85
papers

5,052
citations

70961

41
h-index

95083

68
g-index

90
all docs

90
docs citations

90
times ranked

4505
citing authors

#	ARTICLE	IF	CITATIONS
1	The Response to Heat Shock and Oxidative Stress in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2012, 190, 1157-1195.	1.2	552
2	A nuclear receptor-like pathway regulating multidrug resistance in fungi. <i>Nature</i> , 2008, 452, 604-609.	13.7	294
3	Transcriptional activation by the SV40 AP-1 recognition element in yeast is mediated by a factor similar to AP-1 that is distinct from GCN4. <i>Cell</i> , 1988, 53, 321-330.	13.5	251
4	Expression of a Glutamate Decarboxylase Homologue Is Required for Normal Oxidative Stress Tolerance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 244-250.	1.6	190
5	Multiple Signals from Dysfunctional Mitochondria Activate the Pleiotropic Drug Resistance Pathway in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 37347-37356.	1.6	175
6	Multidrug Resistance in Fungi. <i>Eukaryotic Cell</i> , 2007, 6, 1933-1942.	3.4	153
7	Identification and Characterization of SNQ2, a New Multidrug ATP Binding Cassette Transporter of the Yeast Plasma Membrane. <i>Journal of Biological Chemistry</i> , 1995, 270, 18150-18157.	1.6	150
8	Yap1p Activates Gene Transcription in an Oxidant-Specific Fashion. <i>Molecular and Cellular Biology</i> , 1999, 19, 8302-8313.	1.1	139
9	Regulation of the Transcriptional Response to Oxidative Stress in Fungi: Similarities and Differences. <i>Eukaryotic Cell</i> , 2003, 2, 381-389.	3.4	137
10	Analysis of the oxidative stress regulation of the <i>Candida albicans</i> transcription factor, Cap1p. <i>Molecular Microbiology</i> , 2002, 36, 618-629.	1.2	131
11	Multiple Pdr1p/Pdr3p Binding Sites Are Essential for Normal Expression of the ATP Binding Cassette Transporter Protein-encoding Gene. <i>Journal of Biological Chemistry</i> , 1996, 271, 23049-23054.	1.6	121
12	Multidrug resistance in fungi: regulation of transporter-encoding gene expression. <i>Frontiers in Physiology</i> , 2014, 5, 143.	1.3	112
13	A Novel Zn2-Cys6 Transcription Factor AtrR Plays a Key Role in an Azole Resistance Mechanism of <i>Aspergillus fumigatus</i> by Co-regulating <i>cyp51A</i> and <i>cdr1B</i> Expressions. <i>PLoS Pathogens</i> , 2017, 13, e1006096.	2.1	104
14	The negative cofactor 2 complex is a key regulator of drug resistance in <i>Aspergillus fumigatus</i> . <i>Nature Communications</i> , 2020, 11, 427.	5.8	100
15	The <i>Saccharomyces cerevisiae</i> AP-1 Protein Discriminates between Oxidative Stress Elicited by the Oxidants H ₂ O ₂ and Diamide. <i>Journal of Biological Chemistry</i> , 1997, 272, 7908-7914.	1.6	97
16	New Insights into the Pleiotropic Drug Resistance Network from Genome-Wide Characterization of the YRR1 Transcription Factor Regulation System. <i>Molecular and Cellular Biology</i> , 2002, 22, 2642-2649.	1.1	95
17	Transcriptional Control of Multidrug Resistance in the Yeast <i>Saccharomyces</i> . <i>Progress in Molecular Biology and Translational Science</i> , 2003, 73, 251-279.	1.9	93
18	Mutational Disruption of Plasma Membrane Trafficking of <i>Saccharomyces cerevisiae</i> Yor1p, a Homologue of Mammalian Multidrug Resistance Protein. <i>Molecular and Cellular Biology</i> , 1999, 19, 2998-3009.	1.1	89

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19	Regulation of Transcription Factor Pdr1p Function by an Hsp70 Protein in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 1998, 18, 1147-1155.	1.1	80
20	Genome-wide studies on the nuclear PDR3-controlled response to mitochondrial dysfunction in yeast. <i>FEBS Letters</i> , 2002, 515, 25-28.	1.3	78
21	Contributions of <i>Aspergillus fumigatus</i> ATP-Binding Cassette Transporter Proteins to Drug Resistance and Virulence. <i>Eukaryotic Cell</i> , 2013, 12, 1619-1628.	3.4	78
22	<i>Saccharomyces cerevisiae</i> Multidrug Resistance Gene Expression Inversely Correlates with the Status of the F0Component of the Mitochondrial ATPase. <i>Journal of Biological Chemistry</i> , 2001, 276, 47844-47852.	1.6	76
23	Coordinate Control of Sphingolipid Biosynthesis and Multidrug Resistance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 23674-23680.	1.6	71
24	Compartment-specific Synthesis of Phosphatidylethanolamine Is Required for Normal Heavy Metal Resistance. <i>Molecular Biology of the Cell</i> , 2010, 21, 443-455.	0.9	71
25	Retrograde regulation of multidrug resistance in <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 2005, 354, 15-21.	1.0	66
26	Oxidant-specific Folding of Yap1p Regulates Both Transcriptional Activation and Nuclear Localization. <i>Journal of Biological Chemistry</i> , 2005, 280, 40524-40533.	1.6	65
27	Regulation of the CgPdr1 Transcription Factor from the Pathogen <i>Candida glabrata</i> . <i>Eukaryotic Cell</i> , 2011, 10, 187-197.	3.4	65
28	<i>Saccharomyces cerevisiae</i> Basic Region-Leucine Zipper Protein Regulatory Networks Converge at the ATR1 Structural Gene. <i>Journal of Biological Chemistry</i> , 1997, 272, 23224-23230.	1.6	64
29	Differential Regulation of Ceramide Synthase Components LAC1 and LAG1 in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2004, 3, 880-892.	3.4	60
30	AtrR Is an Essential Determinant of Azole Resistance in <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2019, 10, .	1.8	59
31	Coordinate control of lipid composition and drug transport activities is required for normal multidrug resistance in fungi. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 852-859.	1.1	50
32	Transcription Factors Regulating the Response to Oxidative Stress in Yeast. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 123-140.	2.5	49
33	Differential Roles of Transcriptional Mediator Subunits in Regulation of Multidrug Resistance Gene Expression in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2010, 21, 2469-2482.	0.9	49
34	Cross-talk between Transcriptional Regulators of Multidrug Resistance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 8812-8819.	1.6	48
35	Long Chain Base Tolerance in <i>Saccharomyces cerevisiae</i> Is Induced by Retrograde Signals from the Mitochondria. <i>Journal of Biological Chemistry</i> , 2006, 281, 6376-6384.	1.6	47
36	Compensatory activation of the multidrug transporters Pdr5p, Snq2p, and Yor1p by Pdr1p in <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2008, 582, 977-983.	1.3	47

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37	Contributions of both ATP-Binding Cassette Transporter and Cyp51A Proteins Are Essential for Azole Resistance in <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	47
38	Mutational analysis of the <i>Saccharomyces cerevisiae</i> ATP-binding cassette transporter protein Ycf1p. <i>Molecular Microbiology</i> , 1997, 25, 683-694.	1.2	45
39	Evidence for the Bifunctional Nature of Mitochondrial Phosphatidylserine Decarboxylase: Role in Pdr3-Dependent Retrograde Regulation of <i>PDR5</i> Expression. <i>Molecular and Cellular Biology</i> , 2008, 28, 5851-5864.	1.1	43
40	Divergent Transcriptional Control of Multidrug Resistance Genes in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 2098-2104.	1.6	42
41	Multiple mechanisms contribute to the development of clinically significant azole resistance in <i>Aspergillus fumigatus</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 70.	1.5	42
42	Evidence that Ergosterol Biosynthesis Modulates Activity of the Pdr1 Transcription Factor in <i>Candida glabrata</i> . <i>MBio</i> , 2019, 10, .	1.8	42
43	Proteolytic Degradation of the Yap1 Transcription Factor Is Regulated by Subcellular Localization and the E3 Ubiquitin Ligase Not4. <i>Journal of Biological Chemistry</i> , 2012, 287, 26796-26805.	1.6	41
44	Control of Plasma Membrane Permeability by ABC Transporters. <i>Eukaryotic Cell</i> , 2015, 14, 442-453.	3.4	39
45	Identification of Genomic Binding Sites for <i>Candida glabrata</i> Pdr1 Transcription Factor in Wild-Type and Δ Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6904-6912.	1.4	37
46	Differential Oxidant Tolerance Determined by the Key Transcription Factor Yap1 Is Controlled by Levels of the Yap1-binding Protein, Ybp1. <i>Journal of Biological Chemistry</i> , 2011, 286, 34071-34081.	1.6	35
47	Vacuolar Import of Phosphatidylcholine Requires the ATP-binding Cassette Transporter Ybt1. <i>Traffic</i> , 2011, 12, 1257-1268.	1.3	34
48	<i>Cryptococcus neoformans</i> Yap1 is required for normal fluconazole and oxidative stress resistance. <i>Fungal Genetics and Biology</i> , 2015, 74, 1-9.	0.9	32
49	Transcriptional Regulation by Lge1p Requires a Function Independent of Its Role in Histone H2B Ubiquitination*. <i>Journal of Biological Chemistry</i> , 2005, 280, 2759-2770.	1.6	30
50	YBP1 and Its Homologue YBP2/YBH1 Influence Oxidative-Stress Tolerance by Nonidentical Mechanisms in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2004, 3, 318-330.	3.4	29
51	Negative Transcriptional Regulation of Multidrug Resistance Gene Expression by an Hsp70 Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 26822-26831.	1.6	29
52	Regulation of Yeast Nutrient Permease Endocytosis by ATP-binding Cassette Transporters and a Seven-transmembrane Protein, RSB1. <i>Journal of Biological Chemistry</i> , 2010, 285, 35792-35802.	1.6	29
53	Hyperactive forms of the Pdr1p transcription factor fail to respond to positive regulation by the Hsp70 protein Pdr13p. <i>Molecular Microbiology</i> , 2000, 36, 402-413.	1.2	26
54	Analysis of Promoter Function in <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2012, 11, 1167-1177.	3.4	26

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55	Positive autoregulation and repression of transactivation are key regulatory features of the <i>Candida glabrata</i> Pdr1 transcription factor. <i>Molecular Microbiology</i> , 2018, 107, 747-764.	1.2	26
56	Functional information from clinically-derived drug resistant forms of the <i>Candida glabrata</i> Pdr1 transcription factor. <i>PLoS Genetics</i> , 2020, 16, e1009005.	1.5	26
57	Identification of Interdependent Signals Required for Anterograde Traffic of the ATP-binding Cassette Transporter Protein Yor1p. <i>Journal of Biological Chemistry</i> , 2002, 277, 34860-34869.	1.6	23
58	The <i>Candida glabrata</i> Upc2A transcription factor is a global regulator of antifungal drug resistance pathways. <i>PLoS Genetics</i> , 2021, 17, e1009582.	1.5	22
59	ROD1, a Novel Gene Conferring Multiple Resistance Phenotypes in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 2914-2920.	1.6	19
60	Jjj1 Is a Negative Regulator of Pdr1-Mediated Fluconazole Resistance in <i>Candida glabrata</i> . <i>MSphere</i> , 2018, 3, .	1.3	18
61	<i>Candida auris</i> : The Canary in the Mine of Antifungal Drug Resistance. <i>ACS Infectious Diseases</i> , 2019, 5, 1487-1492.	1.8	17
62	TFIIA Plays a Role in the Response to Oxidative Stress. <i>Eukaryotic Cell</i> , 2006, 5, 1081-1090.	3.4	16
63	Multiple interfaces control activity of the <i>Candida glabrata</i> Pdr1 transcription factor mediating azole drug resistance. <i>Current Genetics</i> , 2019, 65, 103-108.	0.8	16
64	Linkage between genes involved in azole resistance and ergosterol biosynthesis. <i>PLoS Pathogens</i> , 2020, 16, e1008819.	2.1	16
65	The Tissue-Specific Mammalian Transcription Factor, Pit-1, Activates Transcription in <i>Saccharomyces cerevisiae</i> . <i>Molecular Endocrinology</i> , 1991, 5, 1239-1245.	3.7	14
66	Functional analysis of an ATP-binding cassette transporter protein from <i>Aspergillus fumigatus</i> by heterologous expression in <i>Saccharomyces cerevisiae</i> . <i>Fungal Genetics and Biology</i> , 2013, 57, 85-91.	0.9	14
67	Construction and Use of a Recyclable Marker To Examine the Role of Major Facilitator Superfamily Protein Members in <i>Candida glabrata</i> Drug Resistance Phenotypes. <i>MSphere</i> , 2018, 3, .	1.3	13
68	Analysis of second-site mutations that suppress the multiple drug resistance phenotype of the yeast PDR1-7 allele. <i>Gene</i> , 1995, 167, 151-155.	1.0	10
69	Negative regulation of <i>Candida glabrata</i> Pdr1 by the deubiquitinase subunit Bre5 occurs in a ubiquitin independent manner. <i>Molecular Microbiology</i> , 2018, 110, 309-323.	1.2	9
70	Azole-Resistant Alleles of <i>ERG11</i> in <i>Candida glabrata</i> Trigger Activation of the Pdr1 and Upc2A Transcription Factors. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0209821.	1.4	7
71	Differential Functions of Individual Transcription Factor Binding Sites in the Tandem Repeats Found in Clinically Relevant <i>cyp51A</i> Promoters in <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2022, 13, e0070222.	1.8	7
72	Unveiling the transcriptional control of pleiotropic drug resistance in <i>Saccharomyces cerevisiae</i> : Contributions of André Goffeau and his group. <i>Yeast</i> , 2019, 36, 195-200.	0.8	5

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73	Redox sensing and histidine oxidation: no longer PerR-ect strangers. , 2006, 2, 234-235.		4
74	Targeted gene deletion in <i>Aspergillus fumigatus</i> using microbial machinery and a recyclable marker. <i>Journal of Microbiological Methods</i> , 2013, 95, 373-378.	0.7	4
75	<i>Aspergillus fumigatus</i> <i>ffmA</i> Encodes a C ₂ H ₂ -Containing Transcriptional Regulator That Modulates Azole Resistance and Is Required for Normal Growth. <i>MSphere</i> , 2022, 7, e0093821.	1.3	4
76	Loss-of-Function <i>ROX1</i> Mutations Suppress the Fluconazole Susceptibility of <i>upc2A</i> Mutation in <i>Candida glabrata</i> , Implicating Additional Positive Regulators of Ergosterol Biosynthesis. <i>MSphere</i> , 2021, 6, e0083021.	1.3	3
77	Feelin™ it: Differential oxidative stress sensing mediated by Cyclin C. <i>Microbial Cell</i> , 2015, 2, 305-307.	1.4	1
78	Chapter 17 Oxidant-specific protein folding during fungal oxidative stress: Activation and function of the <i>yap1p</i> transcription factor in <i>Saccharomyces cerevisiae</i> . <i>British Mycological Society Symposia Series</i> , 2008, , 275-290.	0.5	0
79	Novel Regulation of Lipid Metabolism by a Phosphatidylinositol Transfer Protein and a Phosphatidylinositol 4-Kinase. <i>FASEB Journal</i> , 2019, 33, lb330.	0.2	0
80	Title is missing!. , 2020, 16, e1009005.		0
81	Title is missing!. , 2020, 16, e1009005.		0
82	Title is missing!. , 2020, 16, e1009005.		0
83	Title is missing!. , 2020, 16, e1009005.		0
84	Title is missing!. , 2020, 16, e1009005.		0
85	Title is missing!. , 2020, 16, e1009005.		0