Scott Moye-Rowley

List of Publications by Year
in descending order

85	5,052	71102 41	95266 68
papers	citations	h-index	g-index

90	90	90	4505
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Azole-Resistant Alleles of ERG11 in Candida glabrata Trigger Activation of the Pdr1 and Upc2A Transcription Factors. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0209821.	3.2	7
2	Aspergillus fumigatus ffmA Encodes a C ₂ H ₂ -Containing Transcriptional Regulator That Modulates Azole Resistance and Is Required for Normal Growth. MSphere, 2022, 7, e0093821.	2.9	4
3	Differential Functions of Individual Transcription Factor Binding Sites in the Tandem Repeats Found in Clinically Relevant cyp51A Promoters in Aspergillus fumigatus. MBio, 2022, 13, e0070222.	4.1	7
4	The Candida glabrata Upc2A transcription factor is a global regulator of antifungal drug resistance pathways. PLoS Genetics, 2021, 17, e1009582.	3.5	22
5	Loss-of-Function ROX1 Mutations Suppress the Fluconazole Susceptibility of upc2A Î” Mutation in Candida glabrata, Implicating Additional Positive Regulators of Ergosterol Biosynthesis. MSphere, 2021, 6, e0083021.	2.9	3
6	Linkage between genes involved in azole resistance and ergosterol biosynthesis. PLoS Pathogens, 2020, 16, e1008819.	4.7	16
7	Functional information from clinically-derived drug resistant forms of the Candida glabrata Pdr1 transcription factor. PLoS Genetics, 2020, 16, e1009005.	3.5	26
8	The negative cofactor 2 complex is a key regulator of drug resistance in Aspergillus fumigatus. Nature Communications, 2020, 11, 427.	12.8	100
9	Title is missing!. , 2020, 16, e1009005.		0
10	Title is missing!. , 2020, 16, e1009005.		0
11	Title is missing!. , 2020, 16, e1009005.		0
12	Title is missing!. , 2020, 16, e1009005.		0
13	Title is missing!. , 2020, 16, e1009005.		0
14	Title is missing!. , 2020, 16, e1009005.		0
15	Multiple interfaces control activity of the Candida glabrata Pdr1 transcription factor mediating azole drug resistance. Current Genetics, 2019, 65, 103-108.	1.7	16
16	Candida auris: The Canary in the Mine of Antifungal Drug Resistance. ACS Infectious Diseases, 2019, 5, 1487-1492.	3.8	17
17	Evidence that Ergosterol Biosynthesis Modulates Activity of the Pdr1 Transcription Factor in Candida glabrata. MBio, 2019, 10, .	4.1	42
18	AtrR Is an Essential Determinant of Azole Resistance in Aspergillus fumigatus. MBio, 2019, 10, .	4.1	59

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19	Unveiling the transcriptional control of pleiotropic drug resistance in Saccharomyces cerevisiae : Contributions of AndrÃ© Goffeau and his group. Yeast, 2019, 36, 195-200.	1.7	5
20	Novel Regulation of Lipid Metabolism by a Phosphatidylinositol Transfer Protein and a Phosphatidylinositol 4â€Kinase. FASEB Journal, 2019, 33, lb330.	0.5	0
21	Positive autoregulation and repression of transactivation are key regulatory features of the Candida glabrata Pdr1 transcription factor. Molecular Microbiology, 2018, 107, 747-764.	2.5	26
22	Jjj1 Is a Negative Regulator of Pdr1-Mediated Fluconazole Resistance in Candida glabrata. MSphere, 2018, 3, .	2.9	18
23	Construction and Use of a Recyclable Marker To Examine the Role of Major Facilitator Superfamily Protein Members in Candida glabrata Drug Resistance Phenotypes. MSphere, 2018, 3, .	2.9	13
24	Negative regulation of Candida glabrata Pdr1 by the deubiquitinase subunit Bre5 occurs in a ubiquitin independent manner. Molecular Microbiology, 2018, 110, 309-323.	2.5	9
25	Contributions of both ATP-Binding Cassette Transporter and Cyp51A Proteins Are Essential for Azole Resistance in Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	47
26	A Novel Zn2-Cys6 Transcription Factor AtrR Plays a Key Role in an Azole Resistance Mechanism of Aspergillus fumigatus by Co-regulating cyp51A and cdr1B Expressions. PLoS Pathogens, 2017, 13, e1006096.	4.7	104
27	Multiple mechanisms contribute to the development of clinically significant azole resistance in Aspergillus fumigatus. Frontiers in Microbiology, 2015, 6, 70.	3.5	42
28	Control of Plasma Membrane Permeability by ABC Transporters. Eukaryotic Cell, 2015, 14, 442-453.	3.4	39
29	Cryptococcus neoformans Yap1 is required for normal fluconazole and oxidative stress resistance. Fungal Genetics and Biology, 2015, 74, 1-9.	2.1	32
30	Feelinâ€™ it: Differential oxidative stress sensing mediated by Cyclin C. Microbial Cell, 2015, 2, 305-307.	3.2	1
31	Multidrug resistance in fungi: regulation of transporter-encoding gene expression. Frontiers in Physiology, 2014, 5, 143.	2.8	112
32	Identification of Genomic Binding Sites for Candida glabrata Pdr1 Transcription Factor in Wild-Type and Ï•⁰ Cells. Antimicrobial Agents and Chemotherapy, 2014, 58, 6904-6912.	3.2	37
33	Targeted gene deletion in Aspergillus fumigatus using microbial machinery and a recyclable marker. Journal of Microbiological Methods, 2013, 95, 373-378.	1.6	4
34	Functional analysis of an ATP-binding cassette transporter protein from Aspergillus fumigatus by heterologous expression in Saccharomyces cerevisiae. Fungal Genetics and Biology, 2013, 57, 85-91.	2.1	14
35	Contributions of Aspergillus fumigatus ATP-Binding Cassette Transporter Proteins to Drug Resistance and Virulence. Eukaryotic Cell, 2013, 12, 1619-1628.	3.4	78
36	Proteolytic Degradation of the Yap1 Transcription Factor Is Regulated by Subcellular Localization and the E3 Ubiquitin Ligase Not4. Journal of Biological Chemistry, 2012, 287, 26796-26805.	3.4	41

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37	Analysis of Promoter Function in Aspergillus fumigatus. Eukaryotic Cell, 2012, 11, 1167-1177.	3.4	26
38	The Response to Heat Shock and Oxidative Stress in Saccharomyces cerevisiae. Genetics, 2012, 190, 1157-1195.	2.9	552
39	Vacuolar Import of Phosphatidylcholine Requires the ATPâ€Binding Cassette Transporter Ybt1. Traffic, 2011, 12, 1257-1268.	2.7	34
40	Differential Oxidant Tolerance Determined by the Key Transcription Factor Yap1 Is Controlled by Levels of the Yap1-binding Protein, Ybp1. Journal of Biological Chemistry, 2011, 286, 34071-34081.	3.4	35
41	Regulation of the CgPdr1 Transcription Factor from the Pathogen Candida glabrata. Eukaryotic Cell, 2011, 10, 187-197.	3.4	65
42	Regulation of Yeast Nutrient Permease Endocytosis by ATP-binding Cassette Transporters and a Seven-transmembrane Protein, RSB1. Journal of Biological Chemistry, 2010, 285, 35792-35802.	3.4	29
43	Compartment-specific Synthesis of Phosphatidylethanolamine Is Required for Normal Heavy Metal Resistance. Molecular Biology of the Cell, 2010, 21, 443-455.	2.1	71
44	Differential Roles of Transcriptional Mediator Subunits in Regulation of Multidrug Resistance Gene Expression inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2010, 21, 2469-2482.	2.1	49
45	Coordinate control of lipid composition and drug transport activities is required for normal multidrug resistance in fungi. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 852-859.	2.3	50
46	A nuclear receptor-like pathway regulating multidrug resistance in fungi. Nature, 2008, 452, 604-609.	27.8	294
47	Compensatory activation of the multidrug transporters Pdr5p, Snq2p, and Yor1p by Pdr1p in Saccharomyces cerevisiae. FEBS Letters, 2008, 582, 977-983.	2.8	47
48	Chapter 17 Oxidant-specific protein folding during fungal oxidative stress: Activation and function of the yaplp transcription factor in Saccharomyces cerevisiae. British Mycological Society Symposia Series, 2008, , 275-290.	0.5	0
49	Evidence for the Bifunctional Nature of Mitochondrial Phosphatidylserine Decarboxylase: Role in Pdr3-Dependent Retrograde Regulation of PDR5 Expression. Molecular and Cellular Biology, 2008, 28, 5851-5864.	2.3	43
50	Multidrug Resistance in Fungi. Eukaryotic Cell, 2007, 6, 1933-1942.	3.4	153
51	Negative Transcriptional Regulation of Multidrug Resistance Gene Expression by an Hsp70 Protein. Journal of Biological Chemistry, 2007, 282, 26822-26831.	3.4	29
52	Redox sensing and histidine oxidation: no longer PerR-fect strangers. , 2006, 2, 234-235.		4
53	TFIIA Plays a Role in the Response to Oxidative Stress. Eukaryotic Cell, 2006, 5, 1081-1090.	3.4	16
54	Long Chain Base Tolerance in Saccharomyces cerevisiae Is Induced by Retrograde Signals from the Mitochondria. Journal of Biological Chemistry, 2006, 281, 6376-6384.	3.4	47

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55	Transcriptional Regulation by Lge1p Requires a Function Independent of Its Role in Histone H2B Ubiquitination*. Journal of Biological Chemistry, 2005, 280, 2759-2770.	3.4	30
56	Oxidant-specific Folding of Yap1p Regulates Both Transcriptional Activation and Nuclear Localization. Journal of Biological Chemistry, 2005, 280, 40524-40533.	3.4	65
57	Retrograde regulation of multidrug resistance in Saccharomyces cerevisiae. Gene, 2005, 354, 15-21.	2.2	66
58	Differential Regulation of Ceramide Synthase Components LAC1 and LAG1 in Saccharomyces cerevisiae. Eukaryotic Cell, 2004, 3, 880-892.	3.4	60
59	YBP1 and Its Homologue YBP2/YBH1 Influence Oxidative-Stress Tolerance by Nonidentical Mechanisms in Saccharomyces cerevisiae. Eukaryotic Cell, 2004, 3, 318-330.	3.4	29
60	Regulation of the Transcriptional Response to Oxidative Stress in Fungi: Similarities and Differences. Eukaryotic Cell, 2003, 2, 381-389.	3.4	137
61	Transcriptional Control of Multidrug Resistance in the Yeast Saccharomyces. Progress in Molecular Biology and Translational Science, 2003, 73, 251-279.	1.9	93
62	Identification of Interdependent Signals Required for Anterograde Traffic of the ATP-binding Cassette Transporter Protein Yor1p. Journal of Biological Chemistry, 2002, 277, 34860-34869.	3.4	23
63	New Insights into the Pleiotropic Drug Resistance Network from Genome-Wide Characterization of the YRR1 Transcription Factor Regulation System. Molecular and Cellular Biology, 2002, 22, 2642-2649.	2.3	95
64	Transcription Factors Regulating the Response to Oxidative Stress in Yeast. Antioxidants and Redox Signaling, 2002, 4, 123-140.	5.4	49
65	Genome-wide studies on the nuclear PDR3-controlled response to mitochondrial dysfunction in yeast. FEBS Letters, 2002, 515, 25-28.	2.8	78
66	Analysis of the oxidative stress regulation of the Candida albicans transcription factor, Cap1p. Molecular Microbiology, 2002, 36, 618-629.	2.5	131
67	Saccharomyces cerevisiae Multidrug Resistance Gene Expression Inversely Correlates with the Status of the F0Component of the Mitochondrial ATPase. Journal of Biological Chemistry, 2001, 276, 47844-47852.	3.4	76
68	Expression of a Glutamate Decarboxylase Homologue Is Required for Normal Oxidative Stress Tolerance in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2001, 276, 244-250.	3.4	190
69	Coordinate Control of Sphingolipid Biosynthesis and Multidrug Resistance in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2001, 276, 23674-23680.	3.4	71
70	Cross-talk between Transcriptional Regulators of Multidrug Resistance in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2001, 276, 8812-8819.	3.4	48
71	Hyperactive forms of the Pdr1p transcription factor fail to respond to positive regulation by the Hsp70 protein Pdr13p. Molecular Microbiology, 2000, 36, 402-413.	2.5	26
72	Multiple Signals from Dysfunctional Mitochondria Activate the Pleiotropic Drug Resistance Pathway in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2000, 275, 37347-37356.	3.4	175

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73	Yap1p Activates Gene Transcription in an Oxidant-Specific Fashion. Molecular and Cellular Biology, 1999, 19, 8302-8313.	2.3	139
74	Mutational Disruption of Plasma Membrane Trafficking of Saccharomyces cerevisiae Yor1p, a Homologue of Mammalian Multidrug Resistance Protein. Molecular and Cellular Biology, 1999, 19, 2998-3009.	2.3	89
75	Divergent Transcriptional Control of Multidrug Resistance Genes in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1998, 273, 2098-2104.	3.4	42
76	Regulation of Transcription Factor Pdr1p Function by an Hsp70 Protein in Saccharomyces cerevisiae. Molecular and Cellular Biology, 1998, 18, 1147-1155.	2.3	80
77	Saccharomyces cerevisiae Basic Region-Leucine Zipper Protein Regulatory Networks Converge at the ATR1 Structural Gene. Journal of Biological Chemistry, 1997, 272, 23224-23230.	3.4	64
78	The Saccharomyces cerevisiae AP-1 Protein Discriminates between Oxidative Stress Elicited by the Oxidants H2O2 and Diamide. Journal of Biological Chemistry, 1997, 272, 7908-7914.	3.4	97
79	Mutational analysis of the Saccharomyces cerevisiae ATPâ€binding cassette transporter protein Ycf1p. Molecular Microbiology, 1997, 25, 683-694.	2.5	45
80	Multiple Pdr1p/Pdr3p Binding Sites Are Essential for Normal Expression of the ATP Binding Cassette Transporter Protein-encoding Gene. Journal of Biological Chemistry, 1996, 271, 23049-23054.	3.4	121
81	ROD1, a Novel Gene Conferring Multiple Resistance Phenotypes in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1996, 271, 2914-2920.	3.4	19
82	Identification and Characterization of SNQ2, a New Multidrug ATP Binding Cassette Transporter of the Yeast Plasma Membrane. Journal of Biological Chemistry, 1995, 270, 18150-18157.	3.4	150
83	Analysis of second-site mutations that suppress the multiple drug resistance phenotype of the yeast PDR1-7 allele. Gene, 1995, 167, 151-155.	2.2	10
84	The Tissue-Specific Mammalian Transcription Factor, Pit-1, Activates Transcription inSaccharomyces cerevisiae. Molecular Endocrinology, 1991, 5, 1239-1245.	3.7	14
85	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. Cell, 1988, 53, 321-330.	28.9	251