Gerhard H Braus

List of Publications by Year
in descending order

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248	21,792	22099 59	11030 137
papers	citations	h-index	g-index

263	263	263	29511
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	One Juliet and four Romeos: VeA and its methyltransferases. Frontiers in Microbiology, 2015, 6, 1.	1.5	1,444
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	4.3	1,430
4	Sequencing of Aspergillus nidulans and comparative analysis with A. fumigatus and A. oryzae. Nature, 2005, 438, 1105-1115.	13.7	1,250
5	VelB/VeA/LaeA Complex Coordinates Light Signal with Fungal Development and Secondary Metabolism. Science, 2008, 320, 1504-1506.	6.0	843
6	Coordination of secondarymetabolism and development in fungi: the velvet familyof regulatory proteins. FEMS Microbiology Reviews, 2012, 36, 1-24.	3.9	477
7	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. Genome Biology, 2017, 18, 28.	3.8	417
8	Pre-fibrillar Î±-synuclein variants with impaired Î²-structure increase neurotoxicity in Parkinson's disease models. EMBO Journal, 2009, 28, 3256-3268.	3.5	411
9	Comparative genomics of citric-acid-producing Aspergillus niger ATCC 1015 versus enzyme-producing CBS 513.88. Genome Research, 2011, 21, 885-897.	2.4	329
10	Gene Targeting in Aspergillus fumigatus by Homologous Recombination Is Facilitated in a Nonhomologous End- Joining-Deficient Genetic Background. Eukaryotic Cell, 2006, 5, 212-215.	3.4	275
11	LaeA Control of Velvet Family Regulatory Proteins for Light-Dependent Development and Fungal Cell-Type Specificity. PLoS Genetics, 2010, 6, e1001226.	1.5	233
12	Fungal Morphogenesis, from the Polarized Growth of Hyphae to Complex Reproduction and Infection Structures. Microbiology and Molecular Biology Reviews, 2018, 82, .	2.9	231
13	Growing a circular economy with fungal biotechnology: a white paper. Fungal Biology and Biotechnology, 2020, 7, 5.	2.5	228
14	Current challenges of research on filamentous fungi in relation to human welfare and a sustainable bio-economy: a white paper. Fungal Biology and Biotechnology, 2016, 3, 6.	2.5	208
15	The Aspergillus nidulans MAPK Module AnSte11-Ste50-Ste7-Fus3 Controls Development and Secondary Metabolism. PLoS Genetics, 2012, 8, e1002816.	1.5	182
16	Alleviation of feedback inhibition in Saccharomyces cerevisiae aromatic amino acid biosynthesis: Quantification of metabolic impact. Metabolic Engineering, 2008, 10, 141-153.	3.6	174
17	Crosstalk between the Ras2p-controlled Mitogen-activated Protein Kinase and cAMP Pathways during Invasive Growth ofSaccharomyces cerevisiae. Molecular Biology of the Cell, 1999, 10, 1325-1335.	0.9	170
18	Systematic Comparison of the Effects of Alpha-synuclein Mutations on Its Oligomerization and Aggregation. PLoS Genetics, 2014, 10, e1004741.	1.5	168

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19	The Transcriptional Activator GCN4 Contains Multiple Activation Domains That Are Critically Dependent on Hydrophobic Amino Acids. Molecular and Cellular Biology, 1995, 15, 1220-1233.	1.1	147
20	Contribution of Galactofuranose to the Virulence of the Opportunistic Pathogen Aspergillus fumigatus. Eukaryotic Cell, 2008, 7, 1268-1277.	3.4	144
21	Spotlight on Aspergillus nidulans photosensory systems. Fungal Genetics and Biology, 2010, 47, 900-908.	0.9	138
22	The COP9 signalosome is an essential regulator of development in the filamentous fungus Aspergillus nidulans. Molecular Microbiology, 2004, 49, 717-730.	1.2	134
23	The Velvet Family of Fungal Regulators Contains a DNA-Binding Domain Structurally Similar to NF-Î²B. PLoS Biology, 2013, 11, e1001750.	2.6	121
24	More Than a Repair Enzyme:Aspergillus nidulansPhotolyase-like CryA Is a Regulator of Sexual Development. Molecular Biology of the Cell, 2008, 19, 3254-3262.	0.9	120
25	Transcriptional Activation and Production of Tryptophan-Derived Secondary Metabolites in Arabidopsis Roots Contributes to the Defense against the Fungal Vascular Pathogen Verticillium longisporum. Molecular Plant, 2012, 5, 1389-1402.	3.9	120
26	The Aspergillus fumigatus transcriptional activator CpcA contributes significantly to the virulence of this fungal pathogen. Molecular Microbiology, 2004, 52, 785-799.	1.2	119
27	Deletion and Allelic Exchange of the Aspergillus fumigatus veA Locus via a Novel Recyclable Marker Module. Eukaryotic Cell, 2005, 4, 1298-1307.	3.4	118
28	Transcriptional Autoregulation and Inhibition of mRNA Translation of Amino Acid Regulator GenecpcAof Filamentous FungusAspergillus nidulans. Molecular Biology of the Cell, 2001, 12, 2846-2857.	0.9	116
29	Evolution of feedback-inhibited Â/Â barrel isoenzymes by gene duplication and a single mutation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 862-867.	3.3	114
30	Neurospora crassa ve-1 affects asexual conidiation. Fungal Genetics and Biology, 2008, 45, 127-138.	0.9	107
31	Establishing a versatile Golden Gate cloning system for genetic engineering in fungi. Fungal Genetics and Biology, 2014, 62, 1-10.	0.9	102
32	BcXYG1, a Secreted Xyloglucanase from Botrytis cinerea, Triggers Both Cell Death and Plant Immune Responses. Plant Physiology, 2017, 175, 438-456.	2.3	102
33	Cyclin-dependent kinase 5 is an upstream regulator of mitochondrial fission during neuronal apoptosis. Cell Death and Differentiation, 2007, 14, 651-661.	5.0	101
34	The 2008 update of the Aspergillus nidulans genome annotation: A community effort. Fungal Genetics and Biology, 2009, 46, S2-S13.	0.9	99
35	Mechanisms of catalysis and allosteric regulation of yeast chorismate mutase from crystal structures. Structure, 1997, 5, 1437-1452.	1.6	93
36	Amino Acid Starvation and Gcn4p Regulate Adhesive Growth andFLO11Gene Expression inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2003, 14, 4272-4284.	0.9	93

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37	Nitrogen metabolism ofAspergillusand its role in pathogenicity. Medical Mycology, 2005, 43, 31-40.	0.3	92
38	<scp>V</scp>erticillium transcription activator of adhesion <scp>V</scp>ta2 suppresses microsclerotia formation and is required for systemic infection of plant roots. New Phytologist, 2014, 202, 565-581.	3.5	92
39	Sterilizing immunity in the lung relies on targeting fungal apoptosis-like programmed cell death. Science, 2017, 357, 1037-1041.	6.0	92
40	An eight-subunit COP9 signalosome with an intact JAMM motif is required for fungal fruit body formation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8089-8094.	3.3	89
41	TheAspergillus nidulansF-box protein GrrA links SCF activity to meiosis. Molecular Microbiology, 2006, 61, 76-88.	1.2	84
42	Characterization of the velvet regulators in <scp>A</scp>spergillus fumigatus. Molecular Microbiology, 2012, 86, 937-953.	1.2	84
43	Î±-Synuclein interacts with the switch region of Rab8a in a Ser129 phosphorylation-dependent manner. Neurobiology of Disease, 2014, 70, 149-161.	2.1	84
44	The COP9 signalosome mediates transcriptional and metabolic response to hormones, oxidative stress protection and cell wall rearrangement during fungal development. Molecular Microbiology, 2010, 78, 964-979.	1.2	81
45	PUX10 Is a Lipid Droplet-Localized Scaffold Protein That Interacts with CELL DIVISION CYCLE48 and Is Involved in the Degradation of Lipid Droplet Proteins. Plant Cell, 2018, 30, 2137-2160.	3.1	78
46	c-Jun and RACK1 homologues regulate a control point for sexual development in Aspergillus nidulans. Molecular Microbiology, 2000, 37, 28-41.	1.2	77
47	Differential Flo8pâ€dependent regulation of FLO1 and FLO11 for cellâ€“cell and cellâ€“substrate adherence of S.â€ƒcerevisiae S288c. Molecular Microbiology, 2007, 66, 1276-1289.	1.2	76
48	Fungal development and the COP9 signalosome. Current Opinion in Microbiology, 2010, 13, 672-676.	2.3	74
49	Bacillus thuringiensis and Bacillus weihenstephanensis Inhibit the Growth of Phytopathogenic Verticillium Species. Frontiers in Microbiology, 2016, 7, 2171.	1.5	74
50	Saturation mutagenesis of a polyadenylation signal reveals a hexanucleotide element essential for mRNA 3' end formation in Saccharomyces cerevisiae.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 257-261.	3.3	72
51	Arabidopsis lipid dropletâ€associated protein (LDAP) â€“ interacting protein (<scp>LDIP</scp>) influences lipid droplet size and neutral lipid homeostasis in both leaves and seeds. Plant Journal, 2017, 92, 1182-1201.	2.8	71
52	Regulation of Aspergillus nidulans CreA-Mediated Catabolite Repression by the F-Box Proteins Fbx23 and Fbx47. MBio, 2018, 9, .	1.8	70
53	Monitoring the Gcn4 Protein-mediated Response in the YeastSaccharomyces cerevisiae. Journal of Biological Chemistry, 1998, 273, 12696-12702.	1.6	69
54	Aggregate Clearance of Î±-Synuclein in Saccharomyces cerevisiae Depends More on Autophagosome and Vacuole Function Than on the Proteasome. Journal of Biological Chemistry, 2012, 287, 27567-27579.	1.6	66

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55	The SrkA Kinase Is Part of the SakA Mitogen-Activated Protein Kinase Interactome and Regulates Stress Responses and Development in Aspergillus nidulans. Eukaryotic Cell, 2015, 14, 495-510.	3.4	66
56	Breaking the Silence: Protein Stabilization Uncovers Silenced Biosynthetic Gene Clusters in the Fungus Aspergillus nidulans. Applied and Environmental Microbiology, 2012, 78, 8234-8244.	1.4	64
57	Interplay between Sumoylation and Phosphorylation for Protection against Î±-Synuclein Inclusions. Journal of Biological Chemistry, 2014, 289, 31224-31240.	1.6	63
58	Membrane-Bound Methyltransferase Complex VapA-VipC-VapB Guides Epigenetic Control of Fungal Development. Developmental Cell, 2014, 29, 406-420.	3.1	63
59	Capturing the Asc1p/Receptor for Activated C Kinase 1 (RACK1) Microenvironment at the Head Region of the 40S Ribosome with Quantitative BioID in Yeast. Molecular and Cellular Proteomics, 2017, 16, 2199-2218.	2.5	63
60	Silencing of Vlaro2 for chorismate synthase revealed that the phytopathogen Verticillium longisporum induces the cross-pathway control in the xylem. Applied Microbiology and Biotechnology, 2010, 85, 1961-1976.	1.7	62
61	Allosteric Regulation of Catalytic Activity: Escherichia coli Aspartate Transcarbamoylase versus Yeast Chorismate Mutase. Microbiology and Molecular Biology Reviews, 2001, 65, 404-421.	2.9	61
62	Yeast allosteric chorismate mutase is locked in the activated state by a single amino acid substitution. Biochemistry, 1990, 29, 3660-3668.	1.2	60
63	SCF Ubiquitin Ligase F-box Protein Fbx15 Controls Nuclear Co-repressor Localization, Stress Response and Virulence of the Human Pathogen Aspergillus fumigatus. PLoS Pathogens, 2016, 12, e1005899.	2.1	60
64	The crystal structure of allosteric chorismate mutase at 2.2-A resolution.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 10814-10818.	3.3	58
65	The Aspergillus niger GCN4 homologue, cpcA , is transcriptionally regulated and encodes an unusual leucine zipper. Molecular Microbiology, 1997, 23, 23-33.	1.2	58
66	Asymmetrically localized Bud8p and Bud9p proteins control yeast cell polarity and development. EMBO Journal, 2000, 19, 6686-6696.	3.5	57
67	Smt3/SUMO and Ubc9 are required for efficient APC/C-mediated proteolysis in budding yeast. Molecular Microbiology, 2004, 51, 1375-1387.	1.2	57
68	Transcription Factor SomA Is Required for Adhesion, Development and Virulence of the Human Pathogen Aspergillus fumigatus. PLoS Pathogens, 2015, 11, e1005205.	2.1	57
69	Cloning, primary structure and regulation of the ARO4 gene, encoding the tyrosine-inhibited 3-deoxy-D-arabino-heptulosonate-7-phosphate synthase from Saccharomyces cerevisiae. Gene, 1992, 113, 67-74.	1.0	56
70	Changes of global gene expression and secondary metabolite accumulation during light-dependent Aspergillus nidulans development. Fungal Genetics and Biology, 2016, 87, 30-53.	0.9	56
71	A single point mutation results in a constitutively activated and feedback-resistant chorismate mutase of Saccharomyces cerevisiae. Journal of Bacteriology, 1989, 171, 1245-1253.	1.0	55
72	Dual Role of the Saccharomyces cerevisiae TEA/ATTS Family Transcription Factor Tec1p in Regulation of Gene Expression and Cellular Development. Eukaryotic Cell, 2002, 1, 673-686.	3.4	55

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73	The Plant Host Brassica napus Induces in the Pathogen Verticillium longisporum the Expression of Functional Catalase Peroxidase Which Is Required for the Late Phase of Disease. Molecular Plant-Microbe Interactions, 2012, 25, 569-581.	1.4	55
74	The Cpc1 Regulator of the Cross-Pathway Control of Amino Acid Biosynthesis Is Required for Pathogenicity of the Vascular Pathogen Verticillium longisporum. Molecular Plant-Microbe Interactions, 2013, 26, 1312-1324.	1.4	55
75	A novel <scp>A</scp>rabidopsis <scp>CHITIN ELICITOR RECEPTOR KINASE 1 (CERK1)</scp> mutant with enhanced pathogenâ€induced cell death and altered receptor processing. New Phytologist, 2014, 204, 955-967.	3.5	55
76	Sexual development of Aspergillus nidulans in tryptophan auxotrophic strains. Archives of Microbiology, 1999, 172, 157-166.	1.0	54
77	The Saccharomyces Homolog of Mammalian RACK1, Cpc2/Asc1p, Is Required for FLO11-dependent Adhesive Growth and Dimorphism. Molecular and Cellular Proteomics, 2007, 6, 1968-1979.	2.5	53
78	Two different modes of cyclin Clb2 proteolysis during mitosis inSaccharomyces cerevisiae. FEBS Letters, 2000, 468, 142-148.	1.3	52
79	Dissecting the function of the different chitin synthases in vegetative growth and sexual development in Neurospora crassa. Fungal Genetics and Biology, 2015, 75, 30-45.	0.9	52
80	CHK2 â€“ BRCA1 tumor-suppressor axis restrains oncogenic Aurora-A kinase to ensure proper mitotic microtubule assembly. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1817-1822.	3.3	51
81	Differential regulation of Tec1 by Fus3 and Kss1 confers signaling specificity in yeast development. Current Genetics, 2004, 46, 331-342.	0.8	50
82	Verticillium dahliae transcription factors Som1 and Vta3 control microsclerotia formation and sequential steps of plant root penetration and colonisation to induce disease. New Phytologist, 2019, 221, 2138-2159.	3.5	50
83	Carbonic anhydrase in Acetobacterium woodii and other acetogenic bacteria. Journal of Bacteriology, 1997, 179, 7197-7200.	1.0	49
84	C-Terminal Tyrosine Residue Modifications Modulate the Protective Phosphorylation of Serine 129 of Î±-Synuclein in a Yeast Model of Parkinson's Disease. PLoS Genetics, 2016, 12, e1006098.	1.5	49
85	TheTRP4gene ofSaccharomyces cerevisiae: isolation and structural analysis. Nucleic Acids Research, 1986, 14, 6357-6373.	6.5	48
86	Three classes of mammalian transcription activation domain stimulate transcription in Schizosaccharomyces pombe. EMBO Journal, 1997, 16, 5722-5729.	3.5	47
87	How to build a fungal fruit body: from uniform cells to specialized tissue. Molecular Microbiology, 2007, 64, 873-876.	1.2	47
88	Crystal structure of the T state of allosteric yeast chorismate mutase and comparison with the R state.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3330-3334.	3.3	46
89	Genetically Encoding Lysine Modifications on Histone H4. ACS Chemical Biology, 2015, 10, 939-944.	1.6	46
90	Substrate and Metal Complexes of 3-Deoxy-d-arabino-heptulosonate-7-phosphate Synthase from Saccharomyces cerevisiae Provide New Insights into the Catalytic Mechanism. Journal of Molecular Biology, 2004, 337, 675-690.	2.0	45

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91	Nucleotide sequence variation of chitin synthase genes among ectomycorrhizal fungi and its potential use in taxonomy. Applied and Environmental Microbiology, 1994, 60, 3105-3111.	1.4	45
92	Cloning of the ARO3 gene of Saccharomyces cerevisiae and its regulation. Molecular Genetics and Genomics, 1986, 205, 353-357.	2.4	44
93	Impact of the cross-pathway control on the regulation of lysine and penicillin biosynthesis in Aspergillus nidulans. Current Genetics, 2003, 42, 209-219.	0.8	44
94	Analysis of the lipid body proteome of the oleaginous alga Lobosphaera incisa. BMC Plant Biology, 2017, 17, 98.	1.6	44
95	Identification of Low-Abundance Lipid Droplet Proteins in Seeds and Seedlings. Plant Physiology, 2020, 182, 1326-1345.	2.3	44
96	The WD protein Cpc2p is required for repression of Gcn4 protein activity in yeast in the absence of amino-acid starvation. Molecular Microbiology, 1999, 31, 807-822.	1.2	43
97	Inhibition of APC-mediated proteolysis by the meiosis-specific protein kinase Ime2. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4385-4390.	3.3	43
98	Evolution of 3-deoxy-D-arabino-heptulosonate-7-phosphate synthase-encoding genes in the yeast Saccharomyces cerevisiae. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9784-9789.	3.3	43
99	Manipulation of fungal development as source of novel secondary metabolites for biotechnology. Applied Microbiology and Biotechnology, 2014, 98, 8443-8455.	1.7	43
100	The truncated NLR protein TIRâ€NBS13 is a MOS6/IMPORTINâ€Î±3 interaction partner required for plant immunity. Plant Journal, 2017, 92, 808-821.	2.8	43
101	Cloning, primary structure, and regulation of the HIS7 gene encoding a bifunctional glutamine amidotransferase: cyclase from Saccharomyces cerevisiae. Journal of Bacteriology, 1993, 175, 5548-5558.	1.0	42
102	The tryptophan synthase-encoding trpB gene of Aspergillus nidulans is regulated by the cross-pathway control system. Molecular Genetics and Genomics, 2000, 263, 867-876.	2.4	42
103	Repression of GCN4 mRNA Translation by Nitrogen Starvation in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2001, 276, 25661-25671.	1.6	42
104	The protein kinase ImeB is required for lightâ€mediated inhibition of sexual development and for mycotoxin production in Aspergillus nidulans. Molecular Microbiology, 2009, 71, 1278-1295.	1.2	42
105	Control of Multicellular Development by the Physically Interacting Deneddylases DEN1/DenA and COP9 Signalosome. PLoS Genetics, 2013, 9, e1003275.	1.5	42
106	Arrangement of genes TRP1 and TRP3 of Saccharomyces cerevisiae strains. Archives of Microbiology, 1985, 142, 383-388.	1.0	41
107	The COP9 signalosome counteracts the accumulation of cullin SCF ubiquitin E3 RING ligases during fungal development. Molecular Microbiology, 2012, 83, 1162-1177.	1.2	40
108	Interplay of the fungal sumoylation network for control of multicellular development. Molecular Microbiology, 2013, 90, 1125-1145.	1.2	40

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109	Verticillium dahliae VdTHI4, involved in thiazole biosynthesis, stress response and DNA repair functions, is required for vascular disease induction in tomato. Environmental and Experimental Botany, 2014, 108, 14-22.	2.0	40
110	Controlling transcription by destruction: the regulation of yeast Gcn4p stability. Current Genetics, 2003, 44, 8-18.	0.8	39
111	Infections with the vascular pathogens Verticillium longisporum and Verticillium dahliae induce distinct disease symptoms and differentially affect drought stress tolerance of Arabidopsis thaliana. Environmental and Experimental Botany, 2014, 108, 23-37.	2.0	38
112	Identification of Protein Complexes from Filamentous Fungi with Tandem Affinity Purification. Methods in Molecular Biology, 2012, 944, 191-205.	0.4	37
113	RACK1/Asc1p, a Ribosomal Node in Cellular Signaling. Molecular and Cellular Proteomics, 2013, 12, 87-105.	2.5	37
114	The trehalose protective mechanism during thermal stress in Saccharomyces cerevisiae: the roles of Ath1 and Agt1. FEMS Yeast Research, 2018, 18, .	1.1	37
115	Purification and properties of the 3-deoxy-d-arabino-heptulosonate-7-phosphate synthase (phenylalanine-inhibitable) of Saccharomyces cerevisiae. FEBS Journal, 1989, 186, 361-366.	0.2	36
116	Glucose and Ras Activity Influence the Ubiquitin Ligases APC/C and SCF in Saccharomyces cerevisiae. Genetics, 2000, 154, 1509-1521.	1.2	36
117	Amino Acid and Adenine Cross-pathway Regulation Act through the Same 5â€²-TGACTC-3â€² Motif in the Yeast HIS7 Promoter. Journal of Biological Chemistry, 1996, 271, 29637-29643.	1.6	35
118	The aroC Gene of Aspergillus nidulansCodes for a Monofunctional, Allosterically Regulated Chorismate Mutase. Journal of Biological Chemistry, 1999, 274, 22275-22282.	1.6	35
119	A Small Membrane-peripheral Region Close to the Active Center Determines Regioselectivity of Membrane-bound Fatty Acid Desaturases from Aspergillus nidulans. Journal of Biological Chemistry, 2007, 282, 26666-26674.	1.6	35
120	Posttranslational Modifications and Clearing of Î±-Synuclein Aggregates in Yeast. Biomolecules, 2015, 5, 617-634.	1.8	33
121	The yeast actin intron contains a cryptic promoter that can be switched on by preventing transcriptional interference. Nucleic Acids Research, 1992, 20, 4733-4739.	6.5	32
122	Regulation of the Aspergillus nidulans hisB gene by histidine starvation. Current Genetics, 2001, 38, 314-322.	0.8	32
123	Properties of the recombinant glucose/galactose dehydrogenase from the extreme thermoacidophile, Picrophilus torridus. FEBS Journal, 2005, 272, 1054-1062.	2.2	32
124	The Yeast HtrA Orthologue Ynm3 Is a Protease with Chaperone Activity that Aids Survival Under Heat Stress. Molecular Biology of the Cell, 2009, 20, 68-77.	0.9	32
125	The two 3-deoxy- d - arabino -heptulosonate-7-phosphate synthase isoenzymes from Saccharomyces cerevisiae show different kinetic modes of inhibition. Archives of Microbiology, 1998, 169, 517-524.	1.0	31
126	Different Domains of the Essential GTPase Cdc42p Required for Growth and Development of Saccharomyces cerevisiae. Molecular and Cellular Biology, 2001, 21, 235-248.	1.1	31

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127	conF and conJ contribute to conidia germination and stress response in the filamentous fungus Aspergillus nidulans. Fungal Genetics and Biology, 2013, 56, 42-53.	0.9	31
128	MybA, a transcription factor involved in conidiation and conidial viability of the human pathogen Aspergillus fumigatus. Molecular Microbiology, 2017, 105, 880-900.	1.2	31
129	LDIP cooperates with SEIPIN and LDAP to facilitate lipid droplet biogenesis in Arabidopsis. Plant Cell, 2021, 33, 3076-3103.	3.1	31
130	Molecular diagnosis to discriminate pathogen and apathogen species of the hybrid Verticillium longisporum on the oilseed crop Brassica napus. Applied Microbiology and Biotechnology, 2013, 97, 4467-4483.	1.7	30
131	Structure of the ARO3 gene of Saccharomyces cerevisiae. Molecular Genetics and Genomics, 1988, 214, 165-169.	2.4	29
132	Molecular characterization of the Aspergillus nidulans fbxA encoding an F-box protein involved in xylanase induction. Fungal Genetics and Biology, 2012, 49, 130-140.	0.9	29
133	Yeast reveals similar molecular mechanisms underlying alpha- and beta-synuclein toxicity. Human Molecular Genetics, 2016, 25, 275-290.	1.4	29
134	Asc1p/RACK1 Connects Ribosomes to Eukaryotic Phosphosignaling. Molecular and Cellular Biology, 2017, 37, .	1.1	29
135	Velvet domain protein VosA represses the zinc cluster transcription factor SclB regulatory network for Aspergillus nidulans asexual development, oxidative stress response and secondary metabolism. PLoS Genetics, 2018, 14, e1007511.	1.5	29
136	Sexual Diploids of Aspergillus nidulans Do Not Form by Random Fusion of Nuclei in the Heterokaryon. Genetics, 2001, 157, 141-147.	1.2	29
137	Amino Acid-Dependent Gcn4p Stability Regulation Occurs Exclusively in the Yeast Nucleus. Eukaryotic Cell, 2002, 1, 663-672.	3.4	28
138	Tyrosine and Tryptophan Act through the Same Binding Site at the Dimer Interface of Yeast Chorismate Mutase. Journal of Biological Chemistry, 1998, 273, 17012-17017.	1.6	27
139	HARO7 Encodes Chorismate Mutase of the Methylotrophic Yeast Hansenula polymorpha and Is Derepressed upon Methanol Utilization. Journal of Bacteriology, 2000, 182, 4188-4197.	1.0	27
140	Recruitment of the inhibitor Cand1 to the cullin substrate adaptor site mediates interaction to the neddylation site. Molecular Biology of the Cell, 2011, 22, 153-164.	0.9	27
141	Heavy Metal-Induced Expression of PcaA Provides Cadmium Tolerance to Aspergillus fumigatus and Supports Its Virulence in the Galleria mellonella Model. Frontiers in Microbiology, 2018, 9, 744.	1.5	26
142	Molecular analysis of the yeast SER1 gene encoding 3-phosphoserine aminotransferase: regulation by general control and serine repression. Current Genetics, 1995, 27, 501-508.	0.8	25
143	Yeast Ran-binding Protein Yrb1p Is Required for Efficient Proteolysis of Cell Cycle Regulatory Proteins Pds1p and Sic1p. Journal of Biological Chemistry, 2000, 275, 38929-38937.	1.6	25
144	Fungal S-adenosylmethionine synthetase and the control of development and secondary metabolism in Aspergillus nidulans. Fungal Genetics and Biology, 2012, 49, 443-454.	0.9	25

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145	RNAseq analysis of Aspergillus fumigatus in blood reveals a just wait and see resting stage behavior. BMC Genomics, 2015, 16, 640.	1.2	25
146	Broad Substrate-Specific Phosphorylation Events Are Associated With the Initial Stage of Plant Cell Wall Recognition in Neurospora crassa. Frontiers in Microbiology, 2019, 10, 2317.	1.5	25
147	Basal expression of the Aspergillus fumigatus transcriptional activator CpcA is sufficient to support pulmonary aspergillosis. Fungal Genetics and Biology, 2008, 45, 693-704.	0.9	24
148	Synergistic inhibition of APC/C by glucose and activated Ras proteins can be mediated by each of the Tpk1â€“3 proteins in Saccharomyces cerevisiae. Microbiology (United Kingdom), 2003, 149, 1205-1216.	0.7	23
149	The csnD/csnE Signalosome Genes Are Involved in the Aspergillus nidulans DNA Damage Response. Genetics, 2005, 171, 1003-1015.	1.2	23
150	Induction of jlbA mRNA synthesis for a putative bZIP protein of Aspergillus nidulans by amino acid starvation. Current Genetics, 2001, 39, 327-334.	0.8	22
151	Transcriptional profiling of Saccharomyces cerevisiae cells under adhesion-inducing conditions. Molecular Genetics and Genomics, 2005, 273, 382-393.	1.0	22
152	FLO11 mediated filamentous growth of the yeast Saccharomyces cerevisiae depends on the expression of the ribosomal RPS26 genes. Molecular Genetics and Genomics, 2006, 276, 113-125.	1.0	22
153	Yeast Gcn4p Stabilization Is Initiated by the Dissociation of the Nuclear Pho85p/Pcl5p Complex. Molecular Biology of the Cell, 2006, 17, 2952-2962.	0.9	22
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