Gerhard H Braus

List of Publications by Citations

245 papers	15,920 citations	52 h-index	121 g-index
263 ext. papers	19,349 ext. citations	6.5 avg, IF	6.11 L-index

#	Paper	IF	Citations
245	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
244	Sequencing of Aspergillus nidulans and comparative analysis with A. fumigatus and A. oryzae. *Nature*, **2005**, 438, 1105-15	50.4	1094
243	One Juliet and four Romeos: VeA and its methyltransferases. *Frontiers in Microbiology*, **2015**, 6, 1	5.7	837
242	VelB/VeA/LaeA complex coordinates light signal with fungal development and secondary metabolism. *Science*, **2008**, 320, 1504-6	33.3	650
241	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
240	Coordination of secondary metabolism and development in fungi: the velvet family of regulatory proteins. *FEMS Microbiology Reviews*, **2012**, 36, 1-24	15.1	383
239	Pre-fibrillar alpha-synuclein variants with impaired beta-structure increase neurotoxicity in Parkinson's disease models. *EMBO Journal*, **2009**, 28, 3256-68	13	348
238	Comparative genomics of citric-acid-producing Aspergillus niger ATCC 1015 versus enzyme-producing CBS 513.88. *Genome Research*, **2011**, 21, 885-97	9.7	266
237	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. *Genome Biology*, **2017**, 18, 28	18.3	261
236	Gene targeting in Aspergillus fumigatus by homologous recombination is facilitated in a nonhomologous end- joining-deficient genetic background. *Eukaryotic Cell*, **2006**, 5, 212-5		227
235	LaeA control of velvet family regulatory proteins for light-dependent development and fungal cell-type specificity. *PLoS Genetics*, **2010**, 6, e1001226	6	169
234	Crosstalk between the Ras2p-controlled mitogen-activated protein kinase and cAMP pathways during invasive growth of Saccharomyces cerevisiae. *Molecular Biology of the Cell*, **1999**, 10, 1325-35	3.5	152
233	Fungal Morphogenesis, from the Polarized Growth of Hyphae to Complex Reproduction and Infection Structures. *Microbiology and Molecular Biology Reviews*, **2018**, 82,	13.2	141
232	The transcriptional activator GCN4 contains multiple activation domains that are critically dependent on hydrophobic amino acids. *Molecular and Cellular Biology*, **1995**, 15, 1220-33	4.8	135
231	Alleviation of feedback inhibition in Saccharomyces cerevisiae aromatic amino acid biosynthesis: quantification of metabolic impact. *Metabolic Engineering*, **2008**, 10, 141-53	9.7	131
230	Systematic comparison of the effects of alpha-synuclein mutations on its oligomerization and aggregation. *PLoS Genetics*, **2014**, 10, e1004741	6	127
229	Contribution of galactofuranose to the virulence of the opportunistic pathogen Aspergillus fumigatus. *Eukaryotic Cell*, **2008**, 7, 1268-77		125

228	Spotlight on Aspergillus nidulans photosensory systems. *Fungal Genetics and Biology*, **2010**, 47, 900-8	3.9	122
227	The Aspergillus nidulans MAPK module AnSte11-Ste50-Ste7-Fus3 controls development and secondary metabolism. *PLoS Genetics*, **2012**, 8, e1002816	6	112
226	Deletion and allelic exchange of the Aspergillus fumigatus veA locus via a novel recyclable marker module. *Eukaryotic Cell*, **2005**, 4, 1298-307		109
225	More than a repair enzyme: Aspergillus nidulans photolyase-like CryA is a regulator of sexual development. *Molecular Biology of the Cell*, **2008**, 19, 3254-62	3.5	108
224	The COP9 signalosome is an essential regulator of development in the filamentous fungus Aspergillus nidulans. *Molecular Microbiology*, **2003**, 49, 717-30	4.1	108
223	The Aspergillus fumigatus transcriptional activator CpcA contributes significantly to the virulence of this fungal pathogen. *Molecular Microbiology*, **2004**, 52, 785-99	4.1	103
222	The velvet family of fungal regulators contains a DNA-binding domain structurally similar to NF-B. *PLoS Biology*, **2013**, 11, e1001750	9.7	99
221	Growing a circular economy with fungal biotechnology: a white paper. *Fungal Biology and Biotechnology*, **2020**, 7, 5	7.5	97
220	Neurospora crassa ve-1 affects asexual conidiation. *Fungal Genetics and Biology*, **2008**, 45, 127-38	3.9	94
219	Evolution of feedback-inhibited beta /alpha barrel isoenzymes by gene duplication and a single mutation. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 862-7	11.5	94
218	Cyclin-dependent kinase 5 is an upstream regulator of mitochondrial fission during neuronal apoptosis. *Cell Death and Differentiation*, **2007**, 14, 651-61	12.7	91
217	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, 1389-402	14.4	90
216	Mechanisms of catalysis and allosteric regulation of yeast chorismate mutase from crystal structures. *Structure*, **1997**, 5, 1437-52	5.2	84
215	Amino acid starvation and Gcn4p regulate adhesive growth and FLO11 gene expression in Saccharomyces cerevisiae. *Molecular Biology of the Cell*, **2003**, 14, 4272-84	3.5	84
214	The 2008 update of the Aspergillus nidulans genome annotation: a community effort. *Fungal Genetics and Biology*, **2009**, 46 Suppl 1, S2-13	3.9	82
213	Transcriptional autoregulation and inhibition of mRNA translation of amino acid regulator gene cpcA of filamentous fungus Aspergillus nidulans. *Molecular Biology of the Cell*, **2001**, 12, 2846-57	3.5	82
212	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, 8089-94	11.5	72
211	Synuclein interacts with the switch region of Rab8a in a Ser129 phosphorylation-dependent manner. *Neurobiology of Disease*, **2014**, 70, 149-61	7.5	70

210	Establishing a versatile Golden Gate cloning system for genetic engineering in fungi. *Fungal Genetics and Biology*, **2014**, 62, 1-10	3.9	70
209	Characterization of the velvet regulators in Aspergillus fumigatus. *Molecular Microbiology*, **2012**, 86, 937-53	4.1	69
208	c-Jun and RACK1 homologues regulate a control point for sexual development in Aspergillus nidulans. *Molecular Microbiology*, **2000**, 37, 28-41	4.1	67
207	Saturation mutagenesis of a polyadenylation signal reveals a hexanucleotide element essential for mRNA 3Send formation in Saccharomyces cerevisiae. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 257-61	11.5	66
206	The Aspergillus nidulans F-box protein GrrA links SCF activity to meiosis. *Molecular Microbiology*, **2006**, 61, 76-88	4.1	64
205	Sterilizing immunity in the lung relies on targeting fungal apoptosis-like programmed cell death. *Science*, **2017**, 357, 1037-1041	33.3	63
204	Monitoring the Gcn4 protein-mediated response in the yeast Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **1998**, 273, 12696-702	5.4	63
203	Verticillium transcription activator of adhesion Vta2 suppresses microsclerotia formation and is required for systemic infection of plant roots. *New Phytologist*, **2014**, 202, 565-581	9.8	62
202	The COP9 signalosome mediates transcriptional and metabolic response to hormones, oxidative stress protection and cell wall rearrangement during fungal development. *Molecular Microbiology*, **2010**, 78, 964-79	4.1	61
201	Differential Flo8p-dependent regulation of FLO1 and FLO11 for cell-cell and cell-substrate adherence of S. cerevisiae S288c. *Molecular Microbiology*, **2007**, 66, 1276-89	4.1	60
200	Fungal development and the COP9 signalosome. *Current Opinion in Microbiology*, **2010**, 13, 672-6	7.9	59
199	Aggregate clearance of □synuclein in Saccharomyces cerevisiae depends more on autophagosome and vacuole function than on the proteasome. *Journal of Biological Chemistry*, **2012**, 287, 27567-79	5.4	58
198	Nitrogen metabolism of Aspergillus and its role in pathogenicity. *Medical Mycology*, **2005**, 43 Suppl 1, S31-40	3.9	58
197	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, 10814-8	11.5	55
196	Interplay between sumoylation and phosphorylation for protection against □synuclein inclusions. *Journal of Biological Chemistry*, **2014**, 289, 31224-40	5.4	54
195	Allosteric regulation of catalytic activity: Escherichia coli aspartate transcarbamoylase versus yeast chorismate mutase. *Microbiology and Molecular Biology Reviews*, **2001**, 65, 404-21, table of contents	13.2	54
194	Membrane-bound methyltransferase complex VapA-VipC-VapB guides epigenetic control of fungal development. *Developmental Cell*, **2014**, 29, 406-20	10.2	52
193	Breaking the silence: protein stabilization uncovers silenced biosynthetic gene clusters in the fungus Aspergillus nidulans. *Applied and Environmental Microbiology*, **2012**, 78, 8234-44	4.8	52

192	The Aspergillus niger GCN4 homologue, cpcA, is transcriptionally regulated and encodes an unusual leucine zipper. *Molecular Microbiology*, **1997**, 23, 23-33	4.1	52
191	Yeast allosteric chorismate mutase is locked in the activated state by a single amino acid substitution. *Biochemistry*, **1990**, 29, 3660-8	3.2	52
190	Asymmetrically localized Bud8p and Bud9p proteins control yeast cell polarity and development. *EMBO Journal*, **2000**, 19, 6686-96	13	51
189	Sexual development of Aspergillus nidulans in tryptophan auxotrophic strains. *Archives of Microbiology*, **1999**, 172, 157-66	3	51
188	Smt3/SUMO and Ubc9 are required for efficient APC/C-mediated proteolysis in budding yeast. *Molecular Microbiology*, **2004**, 51, 1375-87	4.1	50
187	Arabidopsis lipid droplet-associated protein (LDAP) - interacting protein (LDIP) influences lipid droplet size and neutral lipid homeostasis in both leaves and seeds. *Plant Journal*, **2017**, 92, 1182-1201	6.9	47
186	The Saccharomyces homolog of mammalian RACK1, Cpc2/Asc1p, is required for FLO11-dependent adhesive growth and dimorphism. *Molecular and Cellular Proteomics*, **2007**, 6, 1968-79	7.6	47
185	Differential regulation of Tec1 by Fus3 and Kss1 confers signaling specificity in yeast development. *Current Genetics*, **2004**, 46, 331-42	2.9	47
184	A single point mutation results in a constitutively activated and feedback-resistant chorismate mutase of Saccharomyces cerevisiae. *Journal of Bacteriology*, **1989**, 171, 1245-53	3.5	46
183	Dual role of the Saccharomyces cerevisiae TEA/ATTS family transcription factor Tec1p in regulation of gene expression and cellular development. *Eukaryotic Cell*, **2002**, 1, 673-86		45
182	Two different modes of cyclin clb2 proteolysis during mitosis in Saccharomyces cerevisiae. *FEBS Letters*, **2000**, 468, 142-8	3.8	45
181	The TRP4 gene of Saccharomyces cerevisiae: isolation and structural analysis. *Nucleic Acids Research* , **1986**, 14, 6357-73	20.1	45
180	Three classes of mammalian transcription activation domain stimulate transcription in Schizosaccharomyces pombe. *EMBO Journal*, **1997**, 16, 5722-9	13	43
179	Carbonic anhydrase in Acetobacterium woodii and other acetogenic bacteria. *Journal of Bacteriology*, **1997**, 179, 7197-200	3.5	42
178	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, 807-22	4.1	42
177	How to build a fungal fruit body: from uniform cells to specialized tissue. *Molecular Microbiology*, **2007**, 64, 873-6	4.1	41
176	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	3.9	40
175	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	11.6	40

174	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, 3330-4	11.5	40
173	Arrangement of genes TRP1 and TRP3 of Saccharomyces cerevisiae strains. *Archives of Microbiology* , **1985**, 142, 383-8	3	40
172	Capturing the Asc1p/eceptor for ctivated inase (RACK1) Microenvironment at the Head Region of the 40S Ribosome with Quantitative BioID in Yeast. *Molecular and Cellular Proteomics*, **2017**, 16, 2199-2218	7.6	39
171	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, 1961-76	5.7	39
170	Cloning, primary structure, and regulation of the HIS7 gene encoding a bifunctional glutamine amidotransferase: cyclase from Saccharomyces cerevisiae. *Journal of Bacteriology*, **1993**, 175, 5548-58	3.5	39
169	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	3.8	39
168	C-Terminal Tyrosine Residue Modifications Modulate the Protective Phosphorylation of Serine 129 of Synuclein in a Yeast Model of Parkinson's Disease. *PLoS Genetics*, **2016**, 12, e1006098	6	39
167	Changes of global gene expression and secondary metabolite accumulation during light-dependent Aspergillus nidulans development. *Fungal Genetics and Biology*, **2016**, 87, 30-53	3.9	38
166	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, 675-90	6.5	37
165	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, 4385-90	11.5	37
164	A novel Arabidopsis CHITIN ELICITOR RECEPTOR KINASE 1 (CERK1) mutant with enhanced pathogen-induced cell death and altered receptor processing. *New Phytologist*, **2014**, 204, 955-67	9.8	36
163	BcXYG1, a Secreted Xyloglucanase from , Triggers Both Cell Death and Plant Immune Responses. *Plant Physiology*, **2017**, 175, 438-456	6.6	36
162	and Inhibit the Growth of Phytopathogenic Species. *Frontiers in Microbiology*, **2016**, 7, 2171	5.7	36
161	Control of multicellular development by the physically interacting deneddylases DEN1/DenA and COP9 signalosome. *PLoS Genetics*, **2013**, 9, e1003275	6	36
160	The tryptophan synthase-encoding trpB gene of Aspergillus nidulans is regulated by the cross-pathway control system. *Molecular Genetics and Genomics*, **2000**, 263, 867-76		36
159	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, 9784-9	11.5	35
158	Repression of GCN4 mRNA translation by nitrogen starvation in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **2001**, 276, 25661-71	5.4	35
157	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	5.9	34

156	Transcription Factor SomA Is Required for Adhesion, Development and Virulence of the Human Pathogen Aspergillus fumigatus. *PLoS Pathogens*, **2015**, 11, e1005205	7.6	34
155	Genetically encoding lysine modifications on histone H4. *ACS Chemical Biology*, **2015**, 10, 939-44	4.9	34
154	Cloning of the ARO3 gene of Saccharomyces cerevisiae and its regulation. *Molecular Genetics and Genomics*, **1986**, 205, 353-7		34
153	Nucleotide sequence variation of chitin synthase genes among ectomycorrhizal fungi and its potential use in taxonomy. *Applied and Environmental Microbiology*, **1994**, 60, 3105-11	4.8	34
152	CHK2-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, 1817-22	11.5	33
151	Glucose and ras activity influence the ubiquitin ligases APC/C and SCF in Saccharomyces cerevisiae. *Genetics*, **2000**, 154, 1509-21	4	33
150	Analysis of the lipid body proteome of the oleaginous alga Lobosphaera incisa. *BMC Plant Biology*, **2017**, 17, 98	5.3	32
149	Manipulation of fungal development as source of novel secondary metabolites for biotechnology. *Applied Microbiology and Biotechnology*, **2014**, 98, 8443-55	5.7	32
148	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, 1312-24	3.6	32
147	The protein kinase ImeB is required for light-mediated inhibition of sexual development and for mycotoxin production in Aspergillus nidulans. *Molecular Microbiology*, **2009**, 71, 1278-95	4.1	32
146	Controlling transcription by destruction: the regulation of yeast Gcn4p stability. *Current Genetics*, **2003**, 44, 8-18	2.9	32
145	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		31
144	RACK1/Asc1p, a ribosomal node in cellular signaling. *Molecular and Cellular Proteomics*, **2013**, 12, 87-105	7.6	31
143	Properties of the recombinant glucose/galactose dehydrogenase from the extreme thermoacidophile, Picrophilus torridus. *FEBS Journal*, **2005**, 272, 1054-62	5.7	31
142	Amino acid and adenine cross-pathway regulation act through the same 5STGACTC-3Smotif in the yeast HIS7 promoter. *Journal of Biological Chemistry*, **1996**, 271, 29637-43	5.4	31
141	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	3.5	30
140	The yeast actin intron contains a cryptic promoter that can be switched on by preventing transcriptional interference. *Nucleic Acids Research*, **1992**, 20, 4733-9	20.1	30
139	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	5.4	29

138	Different domains of the essential GTPase Cdc42p required for growth and development of Saccharomyces cerevisiae. *Molecular and Cellular Biology*, **2001**, 21, 235-48	4.8	29
137	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, 569-81	3.6	28
136	Posttranslational Modifications and Clearing of □Synuclein Aggregates in Yeast. *Biomolecules*, **2015**, 5, 617-34	5.9	27
135	Yeast reveals similar molecular mechanisms underlying alpha- and beta-synuclein toxicity. *Human Molecular Genetics*, **2016**, 25, 275-90	5.6	27
134	The COP9 signalosome counteracts the accumulation of cullin SCF ubiquitin E3 RING ligases during fungal development. *Molecular Microbiology*, **2012**, 83, 1162-77	4.1	27
133	Interplay of the fungal sumoylation network for control of multicellular development. *Molecular Microbiology*, **2013**, 90, 1125-45	4.1	27
132	Impact of the cross-pathway control on the regulation of lysine and penicillin biosynthesis in Aspergillus nidulans. *Current Genetics*, **2003**, 42, 209-19	2.9	26
131	Regulation of the Aspergillus nidulans hisB gene by histidine starvation. *Current Genetics*, **2001**, 38, 314-22	2.9	26
130	The truncated NLR protein TIR-NBS13 is a MOS6/IMPORTIN-□ interaction partner required for plant immunity. *Plant Journal*, **2017**, 92, 808-821	6.9	25
129	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	5.9	25
128	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, 517-24	3	25
127	Amino acid-dependent Gcn4p stability regulation occurs exclusively in the yeast nucleus. *Eukaryotic Cell*, **2002**, 1, 663-72		25
126	Structure of the ARO3 gene of Saccharomyces cerevisiae. *Molecular Genetics and Genomics*, **1988**, 214, 165-9		25
125	Regulation of CreA-Mediated Catabolite Repression by the F-Box Proteins Fbx23 and Fbx47. *MBio*, **2018**, 9,	7.8	25
124	Sexual diploids of Aspergillus nidulans do not form by random fusion of nuclei in the heterokaryon. *Genetics*, **2001**, 157, 141-7	4	25
123	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, 4467-83	3.7	24
122	Molecular analysis of the yeast SER1 gene encoding 3-phosphoserine aminotransferase: regulation by general control and serine repression. *Current Genetics*, **1995**, 27, 501-8	2.9	24
121	Purification and properties of the 3-deoxy-D-arabino-heptulosonate-7-phosphate synthase (phenylalanine-inhibitable) of Saccharomyces cerevisiae. *FEBS Journal*, **1989**, 186, 361-6		24

120	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	7.6	24
119	Heavy Metal-Induced Expression of PcaA Provides Cadmium Tolerance to and Supports Its Virulence in the Model. *Frontiers in Microbiology*, **2018**, 9, 744	5.7	23
118	HARO7 encodes chorismate mutase of the methylotrophic yeast Hansenula polymorpha and is derepressed upon methanol utilization. *Journal of Bacteriology*, **2000**, 182, 4188-97	3.5	23
117	The aroC gene of Aspergillus nidulans codes for a monofunctional, allosterically regulated chorismate mutase. *Journal of Biological Chemistry*, **1999**, 274, 22275-82	5.4	23
116	Asc1p/RACK1 Connects Ribosomes to Eukaryotic Phosphosignaling. *Molecular and Cellular Biology*, **2017**, 37,	4.8	22
115	Recruitment of the inhibitor Cand1 to the cullin substrate adaptor site mediates interaction to the neddylation site. *Molecular Biology of the Cell*, **2011**, 22, 153-64	3.5	22
114	Molecular characterization of the Aspergillus nidulans fbxA encoding an F-box protein involved in xylanase induction. *Fungal Genetics and Biology*, **2012**, 49, 130-40	3.9	21
113	Synergistic inhibition of APC/C by glucose and activated Ras proteins can be mediated by each of the Tpk1-3 proteins in Saccharomyces cerevisiae. *Microbiology (United Kingdom)*, **2003**, 149, 1205-1216	2.9	21
112	Identification of Low-Abundance Lipid Droplet Proteins in Seeds and Seedlings. *Plant Physiology*, **2020**, 182, 1326-1345	6.6	20
111	conF and conJ contribute to conidia germination and stress response in the filamentous fungus Aspergillus nidulans. *Fungal Genetics and Biology*, **2013**, 56, 42-53	3.9	20
110	Fungal S-adenosylmethionine synthetase and the control of development and secondary metabolism in Aspergillus nidulans. *Fungal Genetics and Biology*, **2012**, 49, 443-54	3.9	20
109	Transcriptional profiling of Saccharomyces cerevisiae cells under adhesion-inducing conditions. *Molecular Genetics and Genomics*, **2005**, 273, 382-93	3.1	20
108	RNAseq analysis of Aspergillus fumigatus in blood reveals a just wait and see resting stage behavior. *BMC Genomics*, **2015**, 16, 640	4.5	19
107	Identification of protein complexes from filamentous fungi with tandem affinity purification. *Methods in Molecular Biology*, **2012**, 944, 191-205	1.4	19
106	Basal expression of the Aspergillus fumigatus transcriptional activator CpcA is sufficient to support pulmonary aspergillosis. *Fungal Genetics and Biology*, **2008**, 45, 693-704	3.9	19
105	Yeast Ran-binding protein Yrb1p is required for efficient proteolysis of cell cycle regulatory proteins Pds1p and Sic1p. *Journal of Biological Chemistry*, **2000**, 275, 38929-37	5.4	19
104	Tyrosine and tryptophan act through the same binding site at the dimer interface of yeast chorismate mutase. *Journal of Biological Chemistry*, **1998**, 273, 17012-7	5.4	19
103	MybA, a transcription factor involved in conidiation and conidial viability of the human pathogen Aspergillus fumigatus. *Molecular Microbiology*, **2017**, 105, 880-900	4.1	18

102	Yeast Gcn4p stabilization is initiated by the dissociation of the nuclear Pho85p/Pcl5p complex. *Molecular Biology of the Cell*, **2006**, 17, 2952-62	3.5	18
101	FLO11 mediated filamentous growth of the yeast Saccharomyces cerevisiae depends on the expression of the ribosomal RPS26 genes. *Molecular Genetics and Genomics*, **2006**, 276, 113-25	3.1	18
100	YMC1, a yeast gene encoding a new putative mitochondrial carrier protein. *Yeast*, **1993**, 9, 301-5	3.4	18
99	The putative oncogene CEP72 inhibits the mitotic function of BRCA1 and induces chromosomal instability. *Oncogene*, **2016**, 35, 2398-406	9.2	17
98	The trehalose protective mechanism during thermal stress in Saccharomyces cerevisiae: the roles of Ath1 and Agt1. *FEMS Yeast Research*, **2018**, 18,	3.1	17
97	The C-terminal region of the meiosis-specific protein kinase Ime2 mediates protein instability and is required for normal spore formation in budding yeast. *Journal of Molecular Biology*, **2008**, 378, 31-43	6.5	16
96	The nuclear migration protein NUDF/LIS1 forms a complex with NUDC and BNFA at spindle pole bodies. *Eukaryotic Cell*, **2008**, 7, 1041-52		16
95	Replacement of the yeast TRP4 3Suntranslated region by a hammerhead ribozyme results in a stable and efficiently exported mRNA that lacks a poly(A) tail. *Rna*, **2002**, 8, 336-44	5.8	16
94	Deletion of Aspergillus nidulans aroC using a novel blaster module that combines ET cloning and marker rescue. *Molecular Genetics and Genomics*, **2003**, 268, 675-83	3.1	16
93	The csnD/csnE signalosome genes are involved in the Aspergillus nidulans DNA damage response. *Genetics*, **2005**, 171, 1003-15	4	16
92	Induction of jlbA mRNA synthesis for a putative bZIP protein of Aspergillus nidulans by amino acid starvation. *Current Genetics*, **2001**, 39, 327-34	2.9	16
91	Mutual cross talk between the regulators Hac1 of the unfolded protein response and Gcn4 of the general amino acid control of Saccharomyces cerevisiae. *Eukaryotic Cell*, **2013**, 12, 1142-54		15
90	Molecular cloning, characterization and analysis of the regulation of the ARO2 gene, encoding chorismate synthase, of Saccharomyces cerevisiae. *Molecular Microbiology*, **1991**, 5, 2143-52	4.1	15
89	A consensus transcription termination sequence in the promoter region is necessary for efficient gene expression of the TRP1 gene of Saccharomyces cerevisiae. *Molecular Genetics and Genomics*, **1988**, 212, 495-504		15
88	The adjacent yeast genes ARO4 and HIS7 carry no intergenic region. *Journal of Biological Chemistry*, **1997**, 272, 26318-24	5.4	14
87	Chorismate mutase of Thermus thermophilus is a monofunctional AroH class enzyme inhibited by tyrosine. *Archives of Microbiology*, **2004**, 181, 195-203	3	14
86	Multiple factors prevent transcriptional interference at the yeast ARO4-HIS7 locus. *Journal of Biological Chemistry*, **2002**, 277, 21440-5	5.4	14
85	Broad Substrate-Specific Phosphorylation Events Are Associated With the Initial Stage of Plant Cell Wall Recognition in. *Frontiers in Microbiology*, **2019**, 10, 2317	5.7	14

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