

# Arthur F J Ram

## List of Publications by Year in descending order

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131  
papers

9,357  
citations

46918

47  
h-index

43802

91  
g-index

135  
all docs

135  
docs citations

135  
times ranked

7556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequencing and analysis of the versatile cell factory <i>Aspergillus niger</i> CBS 513.88. <i>Nature Biotechnology</i> , 2007, 25, 221-231.	9.4	1,047
2	<i>Agrobacterium</i> -mediated transformation as a tool for functional genomics in fungi. <i>Current Genetics</i> , 2005, 48, 1-17.	0.8	445
3	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus <i>Aspergillus</i> . <i>Genome Biology</i> , 2017, 18, 28.	3.8	417
4	Large Scale Identification of Genes Involved in Cell Surface Biosynthesis and Architecture in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1997, 147, 435-450.	1.2	350
5	Identification of fungal cell wall mutants using susceptibility assays based on Calcofluor white and Congo red. <i>Nature Protocols</i> , 2006, 1, 2253-2256.	5.5	339
6	A new approach for isolating cell wall mutants in <i>Saccharomyces cerevisiae</i> by screening for hypersensitivity to calcofluor white. <i>Yeast</i> , 1994, 10, 1019-1030.	0.8	311
7	In silico identification of glycosyl-phosphatidylinositol-anchored plasma-membrane and cell wall proteins of <i>Saccharomyces cerevisiae</i> . , 1997, 13, 1477-1489.		299
8	Highly efficient gene targeting in the <i>Aspergillus niger</i> kusA mutant. <i>Journal of Biotechnology</i> , 2007, 128, 770-775.	1.9	259
9	Novel Aspects of Tomato Root Colonization and Infection by <i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i> Revealed by Confocal Laser Scanning Microscopic Analysis Using the Green Fluorescent Protein as a Marker. <i>Molecular Plant-Microbe Interactions</i> , 2002, 15, 172-179.	1.4	248
10	Growing a circular economy with fungal biotechnology: a white paper. <i>Fungal Biology and Biotechnology</i> , 2020, 7, 5.	2.5	228
11	Current challenges of research on filamentous fungi in relation to human welfare and a sustainable bio-economy: a white paper. <i>Fungal Biology and Biotechnology</i> , 2016, 3, 6.	2.5	208
12	Loss of the Plasma Membrane-Bound Protein Gas1p in <i>Saccharomyces cerevisiae</i> Results in the Release of $\beta$ 1,3-Glucan into the Medium and Induces a Compensation Mechanism To Ensure Cell Wall Integrity. <i>Journal of Bacteriology</i> , 1998, 180, 1418-1424.	1.0	184
13	<i>Agrobacterium</i> -mediated transformation of the filamentous fungus <i>Aspergillus awamori</i> . <i>Nature Protocols</i> , 2008, 3, 1671-1678.	5.5	174
14	Fungal Gene Expression on Demand: an Inducible, Tunable, and Metabolism-Independent Expression System for <i>Aspergillus niger</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 2975-2983.	1.4	154
15	Expanding the ku70 toolbox for filamentous fungi: establishment of complementation vectors and recipient strains for advanced gene analyses. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 1463-1473.	1.7	148
16	<i>Aspergillus</i> as a multi-purpose cell factory: current status and perspectives. <i>Biotechnology Letters</i> , 2011, 33, 469-476.	1.1	145
17	Galactofuranose in eukaryotes: aspects of biosynthesis and functional impact. <i>Glycobiology</i> , 2012, 22, 456-469.	1.3	126
18	Glucoamylase::green fluorescent protein fusions to monitor protein secretion in <i>Aspergillus niger</i> . <i>Microbiology (United Kingdom)</i> , 2000, 146, 415-426.	0.7	118

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19	Functional characterization of Rho GTPases in <i>Aspergillus niger</i> uncovers conserved and diverged roles of Rho proteins within filamentous fungi. <i>Molecular Microbiology</i> , 2011, 79, 1151-1167.	1.2	117
20	The cell wall stress response in <i>Aspergillus niger</i> involves increased expression of the glutamine : fructose-6-phosphate amidotransferase-encoding gene ( <i>gfaA</i> ) and increased deposition of chitin in the cell wall. <i>Microbiology (United Kingdom)</i> , 2004, 150, 3315-3326.	0.7	116
21	The molecular and genetic basis of conidial pigmentation in <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2011, 48, 544-553.	0.9	111
22	The carbon starvation response of <i>Aspergillus niger</i> during submerged cultivation: Insights from the transcriptome and secretome. <i>BMC Genomics</i> , 2012, 13, 380.	1.2	108
23	<i>Aspergillus niger</i> genome-wide analysis reveals a large number of novel alpha-glucan acting enzymes with unexpected expression profiles. <i>Molecular Genetics and Genomics</i> , 2008, 279, 545-561.	1.0	100
24	The 2008 update of the <i>Aspergillus nidulans</i> genome annotation: A community effort. <i>Fungal Genetics and Biology</i> , 2009, 46, S2-S13.	0.9	99
25	Regulation of cell wall $\beta$ -glucan assembly: PTC1 Negatively affects PBS2 Action in a pathway that includes modulation of EXG1 transcription. <i>Molecular Genetics and Genomics</i> , 1995, 248, 260-269.	2.4	97
26	Comprehensive genomic analysis of cell wall genes in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, S72-S81.	0.9	97
27	The genome of the white-rot fungus <i>Pycnoporus cinnabarinus</i> : a basidiomycete model with a versatile arsenal for lignocellulosic biomass breakdown. <i>BMC Genomics</i> , 2014, 15, 486.	1.2	91
28	Using Non-homologous End-Joining-Deficient Strains for Functional Gene Analyses in Filamentous Fungi. <i>Methods in Molecular Biology</i> , 2012, 835, 133-150.	0.4	86
29	<i>Aspergillus fumigatus</i> MADS-Box Transcription Factor <i>rlmA</i> Is Required for Regulation of the Cell Wall Integrity and Virulence. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2983-3002.	0.8	83
30	Expression of <i>agsA</i> , one of five 1,3- $\beta$ -d-glucan synthase-encoding genes in <i>Aspergillus niger</i> , is induced in response to cell wall stress. <i>Fungal Genetics and Biology</i> , 2005, 42, 165-177.	0.9	81
31	A Novel Screening Method for Cell Wall Mutants in <i>Aspergillus niger</i> Identifies UDP-Galactopyranose Mutase as an Important Protein in Fungal Cell Wall Biosynthesis. <i>Genetics</i> , 2008, 178, 873-881.	1.2	81
32	The <i>Aspergillus niger</i> MADS-box transcription factor <i>RlmA</i> is required for cell wall reinforcement in response to cell wall stress. <i>Molecular Microbiology</i> , 2005, 58, 305-319.	1.2	79
33	Carbohydrate Binding Modules: Diversity of Domain Architecture in Amylases and Cellulases From Filamentous Microorganisms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 871.	2.0	78
34	Effective lead selection for improved protein production in <i>Aspergillus niger</i> based on integrated genomics. <i>Fungal Genetics and Biology</i> , 2009, 46, S141-S152.	0.9	77
35	A one-step method to convert vectors into binary vectors suited for <i>Agrobacterium</i> -mediated transformation. <i>Current Genetics</i> , 2004, 45, 242-248.	0.8	76
36	Transcriptomic comparison of <i>Aspergillus niger</i> growing on two different sugars reveals coordinated regulation of the secretory pathway. <i>BMC Genomics</i> , 2009, 10, 44.	1.2	76

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37	Expanding the chemical space for natural products by <i>Aspergillus-Streptomyces</i> co-cultivation and biotransformation. <i>Scientific Reports</i> , 2015, 5, 10868.	1.6	74
38	Survival in the Presence of Antifungals. <i>Journal of Biological Chemistry</i> , 2007, 282, 32935-32948.	1.6	72
39	Identification of a Classical Mutant in the Industrial Host <i>Aspergillus niger</i> by Systems Genetics: <i>LaeA</i> Is Required for Citric Acid Production and Regulates the Formation of Some Secondary Metabolites. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 193-204.	0.8	65
40	The transcriptional activator <i>GaaR</i> of <i>Aspergillus niger</i> is required for release and utilization of galacturonic acid from pectin. <i>FEBS Letters</i> , 2016, 590, 1804-1815.	1.3	64
41	Database mining and transcriptional analysis of genes encoding inulin-modifying enzymes of <i>Aspergillus niger</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 3061-3073.	0.7	63
42	Identification of <i>InuR</i> , a new Zn(II)2Cys6 transcriptional activator involved in the regulation of inulinolytic genes in <i>Aspergillus niger</i> . <i>Molecular Genetics and Genomics</i> , 2008, 279, 11-26.	1.0	60
43	Identification and characterization of a family of secretion-related small GTPase-encoding genes from the filamentous fungus <i>Aspergillus niger</i> : a putative <i>SEC4</i> homologue is not essential for growth. <i>Molecular Microbiology</i> , 2001, 41, 513-525.	1.2	57
44	Efficient marker free CRISPR/Cas9 genome editing for functional analysis of gene families in filamentous fungi. <i>Fungal Biology and Biotechnology</i> , 2019, 6, 13.	2.5	57
45	Galactofuranose-Coated Gold Nanoparticles Elicit a Pro-inflammatory Response in Human Monocyte-Derived Dendritic Cells and Are Recognized by DC-SIGN. <i>ACS Chemical Biology</i> , 2014, 9, 383-389.	1.6	56
46	Isolation of two laccase genes from the white-rot fungus <i>Pleurotus eryngii</i> and heterologous expression of the <i>pel3</i> encoded protein. <i>Journal of Biotechnology</i> , 2008, 134, 9-19.	1.9	53
47	Molecular and Biochemical Characterization of a Novel Intracellular Invertase from <i>Aspergillus niger</i> with Transfructosylating Activity. <i>Eukaryotic Cell</i> , 2007, 6, 674-681.	3.4	52
48	Effects of a defective ERAD pathway on growth and heterologous protein production in <i>Aspergillus niger</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 357-373.	1.7	51
49	Identification of <i>SPT14/CWH6</i> as the yeast homologue of <i>hPIG-A</i> , a gene involved in the biosynthesis of GPI anchors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1243, 549-551.	1.1	49
50	Green fluorescent protein-cell wall fusion proteins are covalently incorporated into the cell wall of <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , 1998, 162, 249-255.	0.7	49
51	Deletion of <i>flbA</i> Results in Increased Secretome Complexity and Reduced Secretion Heterogeneity in Colonies of <i>Aspergillus niger</i> . <i>Journal of Proteome Research</i> , 2013, 12, 1808-1819.	1.8	49
52	Genome-wide expression analysis upon constitutive activation of the <i>HacA</i> bZIP transcription factor in <i>Aspergillus niger</i> reveals a coordinated cellular response to counteract ER stress. <i>BMC Genomics</i> , 2012, 13, 350.	1.2	46
53	The transcriptomic fingerprint of glucoamylase over-expression in <i>Aspergillus niger</i> . <i>BMC Genomics</i> , 2012, 13, 701.	1.2	46
54	Role of Pigmentation in Protecting <i>Aspergillus niger</i> Conidiospores Against Pulsed Light Radiation. <i>Photochemistry and Photobiology</i> , 2013, 89, 758-761.	1.3	45

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55	Reconstruction of Signaling Networks Regulating Fungal Morphogenesis by Transcriptomics. <i>Eukaryotic Cell</i> , 2009, 8, 1677-1691.	3.4	42
56	Autophagy promotes survival in aging submerged cultures of the filamentous fungus <i>Aspergillus niger</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 8205-8218.	1.7	42
57	Characterizing MttA as a mitochondrial cis-aconitic acid transporter by metabolic engineering. <i>Metabolic Engineering</i> , 2016, 35, 95-104.	3.6	42
58	An Evolutionarily Conserved Transcriptional Activator-Repressor Module Controls Expression of Genes for D-Galacturonic Acid Utilization in <i>Aspergillus niger</i> . <i>Genetics</i> , 2017, 205, 169-183.	1.2	42
59	Heme biosynthesis and its regulation: towards understanding and improvement of heme biosynthesis in filamentous fungi. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 447-460.	1.7	41
60	Characterisation of CwpA, a putative glycosylphosphatidylinositol-anchored cell wall mannoprotein in the filamentous fungus <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2005, 42, 873-885.	0.9	37
61	Inducer-independent production of pectinases in <i>Aspergillus niger</i> by overexpression of the D-galacturonic acid-responsive transcription factor <i>gaaR</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2723-2736.	1.7	37
62	Genome mining and functional genomics for siderophore production in <i>Aspergillus niger</i> . <i>Briefings in Functional Genomics</i> , 2014, 13, 482-492.	1.3	36
63	Dynamic and Functional Profiling of Xylan-Degrading Enzymes in <i>Aspergillus</i> Secretomes Using Activity-Based Probes. <i>ACS Central Science</i> , 2019, 5, 1067-1078.	5.3	34
64	Modulating Transcriptional Regulation of Plant Biomass Degrading Enzyme Networks for Rational Design of Industrial Fungal Strains. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 133.	2.0	33
65	Rational Design of Mechanism-Based Inhibitors and Activity-Based Probes for the Identification of Retaining $\alpha$ -Arabinofuranosidases. <i>Journal of the American Chemical Society</i> , 2020, 142, 4648-4662.	6.6	33
66	The <i>Saccharomyces cerevisiae</i> CWH8 gene is required for full levels of dolichol-linked oligosaccharides in the endoplasmic reticulum and for efficient N-glycosylation. <i>Glycobiology</i> , 1999, 9, 243-253.	1.3	32
67	Conserved white-rot enzymatic mechanism for wood decay in the Basidiomycota genus <i>Pycnoporus</i> . <i>DNA Research</i> , 2020, 27, .	1.5	32
68	The Transcriptomic Signature of RacA Activation and Inactivation Provides New Insights into the Morphogenetic Network of <i>Aspergillus niger</i> . <i>PLoS ONE</i> , 2013, 8, e68946.	1.1	32
69	The polarisome component SpaA localises to hyphal tips of <i>Aspergillus niger</i> and is important for polar growth. <i>Fungal Genetics and Biology</i> , 2008, 45, 152-164.	0.9	29
70	Molecular genetic analysis of vesicular transport in <i>Aspergillus niger</i> reveals partial conservation of the molecular mechanism of exocytosis in fungi. <i>Microbiology (United Kingdom)</i> , 2014, 160, 316-329.	0.7	29
71	Velvet domain protein VosA represses the zinc cluster transcription factor SclB regulatory network for <i>Aspergillus nidulans</i> asexual development, oxidative stress response and secondary metabolism. <i>PLoS Genetics</i> , 2018, 14, e1007511.	1.5	29
72	<i>Saccharomyces cerevisiae</i> YCRO17c/CWH43 encodes a putative sensor/transporter protein upstream of the BCK2 branch of the PKC1-dependent cell wall integrity pathway. <i>Yeast</i> , 2001, 18, 827-840.	0.8	28

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73	Agrobacterium -Mediated Transformation of <i>Aspergillus awamori</i> in the Absence of Full-Length VirD2, VirC2, or VirE2 Leads to Insertion of Aberrant T-DNA Structures. <i>Journal of Bacteriology</i> , 2004, 186, 2038-2045.	1.0	28
74	New resources for functional analysis of omics data for the genus <i>Aspergillus</i> . <i>BMC Genomics</i> , 2011, 12, 486.	1.2	28
75	Improving cellulase production by <i>Aspergillus niger</i> using adaptive evolution. <i>Biotechnology Letters</i> , 2016, 38, 969-974.	1.1	28
76	Transcriptomic and molecular genetic analysis of the cell wall salvage response of <i>Aspergillus niger</i> to the absence of galactofuranose synthesis. <i>Cellular Microbiology</i> , 2016, 18, 1268-1284.	1.1	27
77	Activity of Quinones from Teak ( <i>Tectona grandis</i> ) on Fungal Cell Wall Stress. <i>Planta Medica</i> , 2006, 72, 943-944.	0.7	26
78	Genetics, Genetic Manipulation, and Approaches to Strain Improvement of Filamentous Fungi. , 2014, , 318-329.		26
79	Efficient Generation of <i>Aspergillus niger</i> Knock Out Strains by Combining NHEJ Mutants and a Split Marker Approach. <i>Fungal Biology</i> , 2015, , 263-272.	0.3	26
80	A new vector for efficient gene targeting to the pyrG locus in <i>Aspergillus niger</i> . <i>Fungal Biology and Biotechnology</i> , 2015, 2, 2.	2.5	26
81	A set of isogenic auxotrophic strains for constructing multiple gene deletion mutants and parasexual crossings in <i>Aspergillus niger</i> . <i>Archives of Microbiology</i> , 2016, 198, 861-868.	1.0	26
82	The pathway intermediate 2-keto-3-deoxy-L-galactonate mediates the induction of genes involved in D-galacturonic acid utilization in <i>Aspergillus niger</i> . <i>FEBS Letters</i> , 2017, 591, 1408-1418.	1.3	25
83	A new method for screening and isolation of hypersecretion mutants in <i>Aspergillus niger</i> . <i>Applied Microbiology and Biotechnology</i> , 2006, 69, 711-717.	1.7	24
84	The interaction of induction and repression mechanisms in the regulation of galacturonic acid-induced genes in <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2015, 82, 32-42.	0.9	24
85	The FlbA-regulated predicted transcription factor Fum21 of <i>Aspergillus niger</i> is involved in fumonisin production. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 311-322.	0.7	24
86	Systems Approaches to Predict the Functions of Glycoside Hydrolases during the Life Cycle of <i>Aspergillus niger</i> Using Developmental Mutants $\Delta$ flbA and $\Delta$ flbA. <i>PLoS ONE</i> , 2015, 10, e0116269.	1.1	22
87	I-SceI-mediated double-strand DNA breaks stimulate efficient gene targeting in the industrial fungus <i>Trichoderma reesei</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10083-10095.	1.7	22
88	Vacuolar H <sup>+</sup> -ATPase plays a key role in cell wall biosynthesis of <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 284-293.	0.9	20
89	A community-driven reconstruction of the <i>Aspergillus niger</i> metabolic network. <i>Fungal Biology and Biotechnology</i> , 2018, 5, 16.	2.5	20
90	Toward Microbial Recycling and Upcycling of Plastics: Prospects and Challenges. <i>Frontiers in Microbiology</i> , 2022, 13, 821629.	1.5	20

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91	Identification of the UDP-glucose-4-epimerase required for galactofuranose biosynthesis and galactose metabolism in <i>A. niger</i> . <i>Fungal Biology and Biotechnology</i> , 2014, 1, 6.	2.5	19
92	Highly active promoters and native secretion signals for protein production during extremely low growth rates in <i>Aspergillus niger</i> . <i>Microbial Cell Factories</i> , 2016, 15, 145.	1.9	19
93	<i>Aspergillus fumigatus</i> establishes infection in zebrafish by germination of phagocytized conidia, while <i>Aspergillus niger</i> relies on extracellular germination. <i>Scientific Reports</i> , 2019, 9, 12791.	1.6	19
94	Preservation stress resistance of melanin deficient conidia from <i>Paecilomyces variotii</i> and <i>Penicillium roqueforti</i> mutants generated via CRISPR/Cas9 genome editing. <i>Fungal Biology and Biotechnology</i> , 2021, 8, 4.	2.5	19
95	The Transcriptional Repressor TupA in <i>Aspergillus niger</i> Is Involved in Controlling Gene Expression Related to Cell Wall Biosynthesis, Development, and Nitrogen Source Availability. <i>PLoS ONE</i> , 2013, 8, e78102.	1.1	19
96	The unconventional secretion of PepN is independent of a functional autophagy machinery in the filamentous fungus <i>Aspergillus niger</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnw152.	0.7	17
97	Functional YFP-tagging of the essential GDP-mannose transporter reveals an important role for the secretion related small GTPase SrgC protein in maintenance of Golgi bodies in <i>Aspergillus niger</i> . <i>Fungal Biology</i> , 2011, 115, 253-264.	1.1	15
98	The capacity of <i>Aspergillus niger</i> to sense and respond to cell wall stress requires at least three transcription factors: RlmA, MsnA and CrzA. <i>Fungal Biology and Biotechnology</i> , 2014, 1, 5.	2.5	15
99	Identification and functional analysis of two Golgi-localized UDP-galactofuranose transporters with overlapping functions in <i>Aspergillus niger</i> . <i>BMC Microbiology</i> , 2015, 15, 253.	1.3	15
100	A seven-membered cell wall related transglycosylase gene family in <i>Aspergillus niger</i> is relevant for cell wall integrity in cell wall mutants with reduced $\beta$ -glucan or galactomannan. <i>Cell Surface</i> , 2020, 6, 100039.	1.5	15
101	The protein kinase Kic1 affects $1,6\text{-}\beta$ -glucan levels in the cell wall of <i>Saccharomyces cerevisiae</i> . <i>Microbiology (United Kingdom)</i> , 2002, 148, 4035-4048.	0.7	15
102	Methods for Investigating the UPR in Filamentous Fungi. <i>Methods in Enzymology</i> , 2011, 490, 1-29.	0.4	14
103	Fungal $\beta$ -arabinofuranosidases of glycosyl hydrolase families 51 and 54 show a dual arabinofuranosyl- and galactofuranosyl-hydrolyzing activity. <i>Biological Chemistry</i> , 2012, 393, 767-775.	1.2	14
104	The role of coproporphyrinogen III oxidase and ferrochelatase genes in heme biosynthesis and regulation in <i>Aspergillus niger</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9773-9785.	1.7	14
105	I-SceI enzyme mediated integration (SEMI) for fast and efficient gene targeting in <i>Trichoderma reesei</i> . <i>Journal of Biotechnology</i> , 2016, 222, 25-28.	1.9	14
106	Rab GDP-dissociation inhibitor gdiA is an essential gene required for cell wall chitin deposition in <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2020, 136, 103319.	0.9	14
107	Subpopulations of hyphae secrete proteins or resist heat stress in <i>Aspergillus oryzae</i> colonies. <i>Environmental Microbiology</i> , 2020, 22, 447-455.	1.8	13
108	Glycosylated cyclophellitol-derived activity-based probes and inhibitors for cellulases. <i>RSC Chemical Biology</i> , 2020, 1, 148-155.	2.0	13

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109	W361R mutation in GaaR, the regulator of D-galacturonic acid-responsive genes, leads to constitutive production of pectinases in <i>Aspergillus niger</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00732.	1.2	12
110	Functional analysis of three putative galactofuranosyltransferases with redundant functions in galactofuranosylation in <i>Aspergillus niger</i> . <i>Archives of Microbiology</i> , 2020, 202, 197-203.	1.0	11
111	Identification of SclB, a Zn(II)2Cys6 transcription factor involved in sclerotium formation in <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2020, 139, 103377.	0.9	10
112	Analysis of the role of the <i>Aspergillus niger</i> aminolevulinic acid synthase ( <i>hemA</i> ) gene illustrates the difference between regulation of yeast and fungal haem- and sirohaem-dependent pathways. <i>FEMS Microbiology Letters</i> , 2012, 335, 104-112.	0.7	9
113	FlbA-Regulated Gene <i>rpnR</i> Is Involved in Stress Resistance and Impacts Protein Secretion when <i>Aspergillus niger</i> Is Grown on Xylose. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	9
114	The Use of Open Source Bioinformatics Tools to Dissect Transcriptomic Data. <i>Methods in Molecular Biology</i> , 2012, 835, 311-331.	0.4	9
115	The <i>Aspergillus niger</i> RmsA protein. <i>Communicative and Integrative Biology</i> , 2010, 3, 195-197.	0.6	8
116	Autophagy is dispensable to overcome ER stress in the filamentous fungus <i>Aspergillus niger</i> . <i>MicrobiologyOpen</i> , 2016, 5, 647-658.	1.2	7
117	Identification of a Conserved Transcriptional Activator-Repressor Module Controlling the Expression of Genes Involved in Tannic Acid Degradation and Gallic Acid Utilization in <i>Aspergillus niger</i> . <i>Frontiers in Fungal Biology</i> , 2021, 2, .	0.9	7
118	Parasexual Crossings for Bulk Segregant Analysis in <i>Aspergillus niger</i> to Facilitate Mutant Identification Via Whole Genome Sequencing. <i>Methods in Molecular Biology</i> , 2018, 1775, 277-287.	0.4	6
119	Genetic Characterization of Mutations Related to Conidiophore Stalk Length Development in <i>Aspergillus niger</i> Laboratory Strain N402. <i>Frontiers in Genetics</i> , 2021, 12, 666684.	1.1	6
120	Identification of a mitotic recombination hotspot on chromosome III of the asexual fungus <i>Aspergillus niger</i> and its possible correlation elevated basal transcription. <i>Current Genetics</i> , 2007, 52, 107-114.	0.8	5
121	Mutations in AraR leading to constitutive of arabinolytic genes in <i>Aspergillus niger</i> under derepressing conditions. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4125-4136.	1.7	5
122	Deletion of the <i>Aspergillus niger</i> Pro-Protein Processing Protease Gene <i>kexB</i> Results in a pH-Dependent Morphological Transition during Submerged Cultivations and Increases Cell Wall Chitin Content. <i>Microorganisms</i> , 2020, 8, 1918.	1.6	5
123	Interrogation of the cell wall integrity pathway in <i>Aspergillus niger</i> identifies a putative negative regulator of transcription involved in chitin deposition. <i>Gene</i> , 2020, 763, 100028.	2.3	5
124	Genome sequencing of the neotype strain CBS 554.65 reveals the MAT1-2 locus of <i>Aspergillus niger</i> . <i>BMC Genomics</i> , 2021, 22, 679.	1.2	5
125	Loss of function of the carbon catabolite repressor CreA leads to low but inducer-independent expression from the feruloyl esterase B promoter in <i>Aspergillus niger</i> . <i>Biotechnology Letters</i> , 2021, 43, 1323-1336.	1.1	4
126	Genome sequences of 24 <i>Aspergillus niger sensu stricto</i> strains to study strain diversity, heterokaryon compatibility, and sexual reproduction. <i>G3: Genes, Genomes, Genetics</i> , 0, , .	0.8	4



#	ARTICLE	IF	CITATIONS
127	High sorbic acid resistance of <i>Penicillium roqueforti</i> is mediated by the SORBUS gene cluster. <i>PLoS Genetics</i> , 2022, 18, e1010086.	1.5	4
128	Natural Variation and the Role of Zn2Cys6 Transcription Factors SdrA, WarA and WarB in Sorbic Acid Resistance of <i>Aspergillus niger</i> . <i>Microorganisms</i> , 2022, 10, 221.	1.6	3
129	Intraspecific variability in heat resistance of fungal conidia. <i>Food Research International</i> , 2022, 156, 111302.	2.9	3
130	Meeting a Challenge: A View on Studying Transcriptional Control of Genes Involved in Plant Biomass Degradation in <i>Aspergillus niger</i> . <i>Grand Challenges in Biology and Biotechnology</i> , 2020, , 211-235.	2.4	1
131	Screening for Compounds Exerting Antifungal Activities. , 2013, , 225-230.		0