

# Katsuya Gomi

## List of Publications by Year in descending order

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127  
papers

8,667  
citations

41344

49  
h-index

45317

90  
g-index

132  
all docs

132  
docs citations

132  
times ranked

5724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic sequence of the pathogenic and allergenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>Nature</i> , 2005, 438, 1151-1156.	27.8	1,272
2	Genome sequencing and analysis of <i>Aspergillus oryzae</i> . <i>Nature</i> , 2005, 438, 1157-1161.	27.8	1,128
3	Genomics of <i>Aspergillus oryzae</i> : Learning from the History of Koji Mold and Exploration of Its Future. <i>DNA Research</i> , 2008, 15, 173-183.	3.4	328
4	Integrative transformation of <i>Aspergillus oryzae</i> with a plasmid containing the <i>Aspergillus nidulans</i> <i>argB</i> gene.. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 2549-2555.	0.3	239
5	Thiamine-regulated gene expression of <i>Aspergillus oryzae</i> <i>thiA</i> requires splicing of the intron containing a riboswitch-like domain in the 5' UTR. <i>FEBS Letters</i> , 2003, 555, 516-520.	2.8	195
6	Purification and characterization of a biodegradable plastic-degrading enzyme from <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2005, 67, 778-788.	3.6	195
7	Reconstitution of Biosynthetic Machinery for Indole-Diterpene Paxilline in <i>Aspergillus oryzae</i> . <i>Journal of the American Chemical Society</i> , 2013, 135, 1260-1263.	13.7	170
8	ASPERGILLUS LUCHUENSIS, AN INDUSTRIALLY IMPORTANT BLACK ASPERGILLUS IN EAST ASIA. <i>PLoS ONE</i> , 2013, 8, e63769.	2.5	167
9	Genomics of <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 646-670.	1.3	163
10	Identification of Ophiobolin F Synthase by a Genome Mining Approach: A Sesterterpene Synthase from <i>Aspergillus clavatus</i> . <i>Organic Letters</i> , 2013, 15, 594-597.	4.6	160
11	Genome Mining for Sesterterpenes Using Bifunctional Terpene Synthases Reveals a Unified Intermediate of Di/Sesterterpenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 11846-11853.	13.7	141
12	A defect of LigD (human Lig4 homolog) for nonhomologous end joining significantly improves efficiency of gene-targeting in <i>Aspergillus oryzae</i> . <i>Fungal Genetics and Biology</i> , 2008, 45, 878-889.	2.1	132
13	Transformation System for <i>Aspergillus oryzae</i> with Double Auxotrophic Mutations, <i>niaD</i> and <i>sC</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 1367-1369.	1.3	130
14	Integrative Transformation of <i>Aspergillus oryzae</i> with a Plasmid Containing the <i>Aspergillus nidulans</i> <i>argB</i> Gene. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 2549-2555.	0.3	118
15	Molecular Cloning and Characterization of a Transcriptional Activator Gene, <i>amyR</i> , Involved in the Amyolytic Gene Expression in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2000, 64, 816-827.	1.3	114
16	A Novel Zn <sup>2+</sup> -Cys <sup>6</sup> Transcription Factor AtrR Plays a Key Role in an Azole Resistance Mechanism of <i>Aspergillus fumigatus</i> by Co-regulating <i>cyp51A</i> and <i>cdr1B</i> Expressions. <i>PLoS Pathogens</i> , 2017, 13, e1006096.	4.7	104
17	Reconstitution of Biosynthetic Machinery for the Synthesis of the Highly Elaborated Indole Diterpene Penitrem. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5748-5752.	13.8	101
18	High Level Secretion of Calf Chymosin Using a Glucoamylase-prochymosin Fusion Gene in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 895-899.	1.3	99

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19	Cloning and Nucleotide Sequence of the Ribonuclease T <sub>1</sub> Gene ( <i>rntA</i> ) from <i>Aspergillus oryzae</i> and Its Expression in <i>Saccharomyces cerevisiae</i> and <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1995, 59, 1869-1874.	1.3	92
20	Construction of a fusion gene comprising the Taka-amylase A promoter and the <i>Escherichia coli</i> $\beta$ -glucuronidase gene and analysis of its expression in <i>Aspergillus oryzae</i> . <i>Molecular Genetics and Genomics</i> , 1991, 229, 301-306.	2.4	89
21	Deletion analysis of promoter elements of the <i>Aspergillus oryzae</i> <i>agdA</i> gene encoding $\beta$ -glucosidase. <i>Current Genetics</i> , 1996, 30, 432-438.	1.7	87
22	Transcriptional analysis of genes for energy catabolism and hydrolytic enzymes in the filamentous fungus <i>Aspergillus oryzae</i> using cDNA microarrays and expressed sequence tags. <i>Applied Microbiology and Biotechnology</i> , 2004, 65, 74-83.	3.6	84
23	Novel Hydrophobic Surface Binding Protein, HsbA, Produced by <i>Aspergillus oryzae</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 2407-2413.	3.1	82
24	Functional elements of the promoter region of the <i>Aspergillus oryzae</i> <i>glaA</i> gene encoding glucoamylase. <i>Current Genetics</i> , 1992, 22, 85-91.	1.7	81
25	Characterization of the <i>amyR</i> gene encoding a transcriptional activator for the amylase genes in <i>Aspergillus nidulans</i> . <i>Current Genetics</i> , 2001, 39, 10-15.	1.7	81
26	Cloning and nucleotide sequence of the genomic Taka-amylase A gene of <i>Aspergillus oryzae</i> . <i>Agricultural and Biological Chemistry</i> , 1989, 53, 593-599.	0.3	81
27	Total Biosynthesis of Diterpene Aphidicolin, a Specific Inhibitor of DNA Polymerase $\alpha$ : Heterologous Expression of Four Biosynthetic Genes in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1813-1817.	1.3	79
28	Rapid Reconstitution of Biosynthetic Machinery for Fungal Metabolites in <i>Aspergillus oryzae</i> : Total Biosynthesis of Aflatoxin. <i>ChemBioChem</i> , 2014, 15, 2076-2080.	2.6	76
29	Unveiling the Biosynthetic Pathway of the Ribosomally Synthesized and Post-translationally Modified Peptide Ustiloxin B in Filamentous Fungi. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8072-8075.	13.8	76
30	Use of a biosynthetic intermediate to explore the chemical diversity of pseudo-natural fungal polyketides. <i>Nature Chemistry</i> , 2015, 7, 737-743.	13.6	74
31	High level expression of the synthetic human lysozyme gene in <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 1992, 38, 109-14.	3.6	73
32	Analysis of Expressed Sequence Tags from the Fungus <i>Aspergillus oryzae</i> Cultured Under Different Conditions. <i>DNA Research</i> , 2007, 14, 47-57.	3.4	73
33	The fungal hydrophobin RolA recruits polyesterase and laterally moves on hydrophobic surfaces. <i>Molecular Microbiology</i> , 2005, 57, 1780-1796.	2.5	71
34	Heterologous expression of highly reducing polyketide synthase involved in betaenone biosynthesis. <i>Chemical Communications</i> , 2015, 51, 1878-1881.	4.1	67
35	Molecular Cloning and Heterologous Expression of the Gene Encoding Dihydrogeodin Oxidase, a Multicopper Blue Enzyme from <i>Aspergillus terreus</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 21495-21502.	3.4	66
36	Modified Cre-loxP Recombination in <i>Aspergillus oryzae</i> by Direct Introduction of Cre Recombinase for Marker Gene Rescue. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4126-4133.	3.1	66

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37	<i>Aspergillus oryzae</i> atfA controls conidial germination and stress tolerance. Fungal Genetics and Biology, 2009, 46, 887-897.	2.1	65
38	Signaling pathways for stress responses and adaptation in <i>Aspergillus</i> species: stress biology in the post-genomic era. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1667-1680.	1.3	65
39	Transformation of <i>Aspergillus oryzae</i> through plasmid-mediated complementation of the methionine-auxotrophic mutation.. Agricultural and Biological Chemistry, 1987, 51, 323-328.	0.3	63
40	<i>Aspergillus oryzae</i> atfB encodes a transcription factor required for stress tolerance in conidia. Fungal Genetics and Biology, 2008, 45, 922-932.	2.1	62
41	Codon Optimization Increases Steady-State mRNA Levels in <i>Aspergillus oryzae</i> Heterologous Gene Expression. Applied and Environmental Microbiology, 2008, 74, 6538-6546.	3.1	61
42	Cloning and Nucleotide Sequence of the Acid Protease-encoding Gene ( <i>pepA</i> ) from <i>Aspergillus oryzae</i> . Bioscience, Biotechnology and Biochemistry, 1993, 57, 1095-1100.	1.3	60
43	Cloning and functional analysis of the <i>Aspergillus oryzae</i> conidiation regulator gene <i>brlA</i> by its disruption and misscheduled expression. Journal of Bioscience and Bioengineering, 1999, 87, 424-429.	2.2	60
44	AtrR Is an Essential Determinant of Azole Resistance in <i>Aspergillus fumigatus</i> . MBio, 2019, 10, .	4.1	59
45	Subtractive cloning of cDNA from <i>Aspergillus oryzae</i> differentially regulated between solid-state culture and liquid (submerged) culture. Current Genetics, 2002, 41, 275-281.	1.7	58
46	Deletion Analysis of the Taka-amylase A Gene Promoter Using a Homologous Transformation System in <i>Aspergillus oryzae</i> . Bioscience, Biotechnology and Biochemistry, 1992, 56, 1849-1853.	1.3	57
47	Structurally Diverse Chaetophenol Productions Induced by Chemically Mediated Epigenetic Manipulation of Fungal Gene Expression. Organic Letters, 2013, 15, 3346-3349.	4.6	55
48	Improved $\alpha$ -amylase production by <i>Aspergillus oryzae</i> after a double deletion of genes involved in carbon catabolite repression. Applied Microbiology and Biotechnology, 2014, 98, 335-343.	3.6	55
49	<i>chsZ</i> , a gene for a novel class of chitin synthase from <i>Aspergillus oryzae</i> . Current Genetics, 2002, 41, 261-267.	1.7	54
50	Nucleotide Sequence and Expression of $\alpha$ -Glucosidase-encoding Gene ( <i>agdA</i> ) from <i>Aspergillus oryzae</i> . Bioscience, Biotechnology and Biochemistry, 1995, 59, 1516-1521.	1.3	53
51	Self-excising Cre/mutant lox marker recycling system for multiple gene integrations and consecutive gene deletions in <i>Aspergillus oryzae</i> . Journal of Bioscience and Bioengineering, 2017, 123, 403-411.	2.2	49
52	Genome sequence of <i>Aspergillus luchuensis</i> NBRC 4314. DNA Research, 2016, 23, 507-515.	3.4	48
53	Secretion of calf chymosin from the filamentous fungus <i>Aspergillus oryzae</i> . Applied Microbiology and Biotechnology, 1993, 40, 327-32.	3.6	45
54	Regulatory mechanisms for amylolytic gene expression in the koji mold <i>Aspergillus oryzae</i> . Bioscience, Biotechnology and Biochemistry, 2019, 83, 1385-1401.	1.3	43

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55	Increased enzyme production under liquid culture conditions in the industrial fungus <i>Aspergillus oryzae</i> by disruption of the genes encoding cell wall $\alpha$ -1,3-glucan synthase. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1853-1863.	1.3	42
56	Characterization and expression analysis of a maltose-utilizing (MAL) cluster in <i>Aspergillus oryzae</i> . <i>Fungal Genetics and Biology</i> , 2010, 47, 1-9.	2.1	40
57	Biosynthesis of Shearinine: Diversification of a Tandem Prenyl Moiety of Fungal Indole Diterpenes. <i>Organic Letters</i> , 2016, 18, 5026-5029.	4.6	39
58	Distinct mechanism of activation of two transcription factors, AmyR and MalR, involved in amylolytic enzyme production in <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1805-1815.	3.6	38
59	Molecular and enzymic properties of recombinant 1,2- $\alpha$ -mannosidase from <i>Aspergillus saitoi</i> overexpressed in <i>Aspergillus oryzae</i> cells. <i>Biochemical Journal</i> , 1999, 339, 589-597.	3.7	37
60	Multiple Oxidative Modifications in the Ophiobolin Biosynthesis: P450 Oxidations Found in Genome Mining. <i>Organic Letters</i> , 2016, 18, 1980-1983.	4.6	36
61	Biosynthetic Machinery of Diterpene Pleuromutilin Isolated from Basidiomycete Fungi. <i>ChemBioChem</i> , 2017, 18, 2317-2322.	2.6	35
62	Biosynthetic Study on Antihypercholesterolemic Agent Phomoidride: General Biogenesis of Fungal Dimeric Anhydrides. <i>Organic Letters</i> , 2015, 17, 5658-5661.	4.6	34
63	Transformation of the industrial strain of <i>Aspergillus oryzae</i> with the homologous amdS gene as a dominant selectable marker. <i>Journal of Bioscience and Bioengineering</i> , 1992, 74, 389-391.	0.9	33
64	Deletion analysis of the enolase gene ( enoA ) promoter from the filamentous fungus <i>Aspergillus oryzae</i> . <i>Current Genetics</i> , 2001, 40, 260-267.	1.7	33
65	Crawler, a novel Tc1/mariner-type transposable element in <i>Aspergillus oryzae</i> transposes under stress conditions. <i>Fungal Genetics and Biology</i> , 2009, 46, 441-449.	2.1	31
66	Cell wall $\alpha$ -1,3-glucan prevents $\alpha$ -amylase adsorption onto fungal cell in submerged culture of <i>Aspergillus oryzae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 47-53.	2.2	30
67	Insertion Analysis of Putative Functional Elements in the Promoter Region of the <i>Aspergillus oryzae</i> Taka-amylase A Gene ( amyB ) Using a Heterologous <i>Aspergillus nidulans</i> amdS-lacZ Fusion Gene System. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 180-183.	1.3	28
68	Purification and enzymatic characterization of a novel $\beta$ -1,6-glucosidase from <i>Aspergillus oryzae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 259-264.	2.2	28
69	Molecular and enzymic properties of recombinant 1,2- $\alpha$ -mannosidase from <i>Aspergillus saitoi</i> overexpressed in <i>Aspergillus oryzae</i> cells. <i>Biochemical Journal</i> , 1999, 339, 589.	3.7	27
70	Identification of potential cell wall component that allows Taka-amylase A adsorption in submerged cultures of <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 961-969.	3.6	27
71	Effects of codon optimization on the mRNA levels of heterologous genes in filamentous fungi. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3859-3867.	3.6	26
72	Purification and enzymatic characterization of secretory glycoside hydrolase family 3 (GH3) aryl $\beta$ -glucosidases screened from <i>Aspergillus oryzae</i> genome. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 614-623.	2.2	25

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73	Increased production of biomass-degrading enzymes by double deletion of creA and creB genes involved in carbon catabolite repression in <i>Aspergillus oryzae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 141-147.	2.2	25
74	The Glucoamylase cDNA from <i>Aspergillus oryzae</i> : Its Cloning, Nucleotide Sequence, and Expression in <i>Saccharomyces cerevisiae</i> . <i>Agricultural and Biological Chemistry</i> , 1991, 55, 941-949.	0.3	24
75	Electrophoretic Karyotype and Gene Assignment to Chromosomes of <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 1467-1470.	1.3	24
76	Transcripts of a heterologous gene encoding mite allergen Der f 7 are stabilized by codon optimization in <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1275-1282.	3.6	24
77	The C-terminal region of the yeast monocarboxylate transporter Jen1 acts as a glucose signal-responding degron recognized by the I $\alpha$ -arrestin Rod1. <i>Journal of Biological Chemistry</i> , 2018, 293, 10926-10936.	3.4	24
78	Functional analysis of FarA transcription factor in the regulation of the genes encoding lipolytic enzymes and hydrophobic surface binding protein for the degradation of biodegradable plastics in <i>Aspergillus oryzae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 549-555.	2.2	23
79	Reconstitution of biosynthetic machinery of fungal polyketides: unexpected oxidations of biosynthetic intermediates by expression host. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 426-431.	1.3	23
80	The C2H2-type transcription factor, FlbC, is involved in the transcriptional regulation of <i>Aspergillus oryzae</i> glucoamylase and protease genes specifically expressed in solid-state culture. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5859-5868.	3.6	23
81	Uniform culture in solid-state fermentation with fungi and its efficient enzyme production. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 300-305.	2.2	21
82	Unfolded protein response is required for <i>Aspergillus oryzae</i> growth under conditions inducing secretory hydrolytic enzyme production. <i>Fungal Genetics and Biology</i> , 2015, 85, 1-6.	2.1	21
83	Endocytosis of a maltose permease is induced when amylolytic enzyme production is repressed in <i>Aspergillus oryzae</i> . <i>Fungal Genetics and Biology</i> , 2015, 82, 136-144.	2.1	21
84	Total Biosynthesis of Brassicenes: Identification of a Key Enzyme for Skeletal Diversification. <i>Organic Letters</i> , 2018, 20, 6178-6182.	4.6	21
85	Induction and Repression of Hydrolase Genes in <i>Aspergillus oryzae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 677603.	3.5	21
86	Genomics of Economically Significant <i>Aspergillus</i> and <i>Fusarium</i> Species. <i>Applied Mycology and Biotechnology</i> , 2004, 4, 249-283.	0.3	19
87	Identification of the Promoter Region of the Taka-amylase A Gene Required for Starch Induction.. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 1939-1941.	0.3	19
88	Cloning, nucleotide sequencing, and expression of the .BETA.-galactosidase-encoding gene (lacA) from <i>Aspergillus oryzae</i> .. <i>Journal of General and Applied Microbiology</i> , 2002, 48, 135-142.	0.7	18
89	Genome mining approach for harnessing the cryptic gene cluster in <i>Alternaria solani</i> : production of PKS-NRPS hybrid metabolite, didymellamide B. <i>Tetrahedron Letters</i> , 2016, 57, 2793-2796.	1.4	18
90	Heterologous Biosynthesis of Fungal Indole Sesquiterpene Suspendole. <i>ChemBioChem</i> , 2018, 19, 1492-1497.	2.6	18

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91	Nuclear exportâ€dependent degradation of the carbon catabolite repressor CreA is regulated by a region located near the Câ€terminus in <i>Aspergillus oryzae</i> . <i>Molecular Microbiology</i> , 2018, 110, 176-190.	2.5	18
92	Studies on application of fungal cell wall lytic enzyme produced by <i>Oerskovia</i> sp. CK. (Part II) Estimation of mycelial weight in rice-koji with use of fungal cell wall lytic enzyme.. <i>Journal of the Society of Brewing Japan</i> , 1987, 82, 130-133.	0.0	17
93	Heterologous Production of a Novel Cyclic Peptide Compound, KK-1, in <i>Aspergillus oryzae</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 690.	3.5	16
94	Regulation of gliotoxin biosynthesis and protection in <i>Aspergillus</i> species. <i>PLoS Genetics</i> , 2022, 18, e1009965.	3.5	16
95	Identification of the Promoter Region of the Taka-amylase A Gene Required for Starch Induction. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 1939-1941.	0.3	15
96	Improved Î±-Amylase Production by Dephosphorylation Mutation of CreD, an Arrestin-Like Protein Required for Glucose-Induced Endocytosis of Maltose Permease and Carbon Catabolite Derepression in <i>Aspergillus oryzae</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	14
97	In silico Analysis of 3'-End-Processing Signals in <i>Aspergillus oryzae</i> Using Expressed Sequence Tags and Genomic Sequencing Data. <i>DNA Research</i> , 2011, 18, 189-200.	3.4	13
98	Cellular responses to the expression of unstable secretory proteins in the filamentous fungus <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2437-2446.	3.6	13
99	Mapping haze-koji on rice koji grains using Î²-glucuronidase expressing <i>Aspergillus oryzae</i> and mass spectrometry imaging. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 296-301.	2.2	13
100	Rapid enzyme production and mycelial growth in solid-state fermentation using the non-airflow box. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 585-590.	2.2	12
101	Metaproteomics reveals protein composition of multiple saccharifying enzymes in nongxiangxing daqu and jiangxiangxing daqu under different thermophilic temperatures. <i>International Journal of Food Science and Technology</i> , 2022, 57, 5102-5113.	2.7	12
102	Analysis of fermentation control factors on volatile compounds of primary microorganisms in Jiangâ€flavor <i>Daqu</i> . <i>Journal of Food Biochemistry</i> , 2022, 46, .	2.9	12
103	Construction of a thiamine pyrophosphate high-producing strain of <i>Aspergillus oryzae</i> by overexpression of three genes involved in thiamine biosynthesis. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 388-390.	2.2	11
104	Substantial decrease in cell wall Î±-1,3-glucan caused by disruption of the <i>kexB</i> gene encoding a subtilisin-like processing protease in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1781-1791.	1.3	10
105	The PDR-type ABC transporters <i>AtrA</i> and <i>AtrG</i> are involved in azole drug resistance in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1840-1848.	1.3	10
106	Quantitative evaluation of haze formation of koji and progression of internal haze by drying of koji during koji making. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 62-70.	2.2	9
107	Efficient production of recombinant tannase in <i>Aspergillus oryzae</i> using an improved glucoamylase gene promoter. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 150-154.	2.2	9
108	A Novel Culture Method for High Level Production of Heterologous Protein in <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 1292-1296.	1.3	8

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109	Identification and distinct regulation of three di/tripeptide transporters in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 452-463.	1.3	8
110	Alternative Processing of Proproteins in <i>Aspergillus</i> Gene Disruptants under Hyperosmotic Conditions. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 40-46.	1.3	7
111	Unveiling the Biosynthetic Pathway of the Ribosomally Synthesized and Post-translationally Modified Peptide Ustiloxin B in Filamentous Fungi. <i>Angewandte Chemie</i> , 2016, 128, 8204-8207.	2.0	7
112	Alternative transcription start sites of the enolase-encoding gene <i>enoA</i> are stringently used in glycolytic/gluconeogenic conditions in <i>Aspergillus oryzae</i> . <i>Current Genetics</i> , 2020, 66, 729-747.	1.7	7
113	Crucial role of the intracellular $\alpha$ -glucosidase MalT in the activation of the transcription factor AmyR essential for amyolytic gene expression in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 2076-2083.	1.3	6
114	Subcellular localization of aphidicolin biosynthetic enzymes heterologously expressed in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 139-147.	1.3	5
115	Enzymatic degradation of xyloglucans by <i>Aspergillus</i> species: a comparative view of this genus. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2701-2711.	3.6	5
116	Change in enzyme production by gradually drying culture substrate during solid-state fermentation. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 674-677.	2.2	4
117	Strategies for Increasing the Production Level of Heterologous Proteins in <i>Aspergillus oryzae</i> . , 2014, , 149-164.		4
118	Rapid detection of homologously integrated DNA fragments and accurate quantitation of their copy number in transgenic <i>Aspergillus oryzae</i> by PCR. <i>Journal of Bioscience and Bioengineering</i> , 2000, 90, 577-579.	2.2	3
119	Characterization of Cell Wall $\alpha$ -1,3-Glucan-Deficient Mutants in <i>Aspergillus oryzae</i> Isolated by a Screening Method Based on Their Sensitivities to Congo Red or Lysing Enzymes. <i>Journal of Applied Glycoscience</i> (1999), 2017, 64, 65-73.	0.7	3
120	Chaperone complex formation of the transcription factor MalR involved in maltose utilization and amyolytic enzyme production in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 827-835.	1.3	3
121	Visualization of dipeptidyl peptidase B enzymatic reaction in rice koji using mass spectrometry imaging. <i>Journal of Bioscience and Bioengineering</i> , 2022, 134, 133-137.	2.2	3
122	Transformation of <i>Aspergillus oryzae</i> through Plasmid-mediated Complementation of the Methionine-auxotrophic Mutation. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 323-328.	0.3	2
123	3 Genetic Transfer Applied to Traditional Sake Brewing. <i>Biotechnology and Genetic Engineering Reviews</i> , 1991, 9, 89-125.	6.2	2
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