Yuichi Sakamoto

List of Publications by Year
in descending order

52	1,613	279798 23	315739 38
papers	citations	h-index	g-index

54	54	54	1958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Screening of a Lentinula edodes Mutant That Retains Lentinan Contents Long after Being Harvested Using TILLING. ACS Agricultural Science and Technology, 2021, 1, 143-149.	2.3	2
2	Ten years of CAZypedia: a living encyclopedia of carbohydrate-active enzymes. Glycobiology, 2018, 28, 3-8.	2.5	175
3	Influences of environmental factors on fruiting body induction, development and maturation in mushroom-forming fungi. Fungal Biology Reviews, 2018, 32, 236-248.	4.7	103
4	Cell wall structure of secreted laccase-silenced strain in Lentinula edodes. Fungal Biology, 2018, 122, 1192-1200.	2.5	22
5	Blue light exposure and nutrient conditions influence the expression of genes involved in simultaneous hyphal knot formation in Coprinopsis cinerea. Microbiological Research, 2018, 217, 81-90.	5.3	19
6	Epidemiology, practice patterns, and prognostic factors for candidemia; and characteristics of fourteen patients with breakthrough Candida bloodstream infections: a single tertiary hospital experience in Japan. Infection and Drug Resistance, 2018, Volume 11, 821-833.	2.7	19
7	Lentinula edodes Genome Survey and Postharvest Transcriptome Analysis. Applied and Environmental Microbiology, 2017, 83, .	3.1	58
8	Effect of Pulse Width and Dependence on Administration Energy on Increment of Fruit Body Yield in Log Cultivation of <i>Pholiota Microspore</i> by Pulsed High-Voltage Stimulation. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 510-511.	0.2	0
9	ãã®ã“é¡žã®ã‚ãƒãƒ³è§£é…µç´ ã•å½¢æ…‹å½¢æˆã®å¯„ä¸Ž. Kagaku To Seibutsu, 2017, 55, 663-665.	0.0	0
10	Pharmacist-managed dose adjustment feedback using therapeutic drug monitoring of vancomycin was useful for patients with methicillin-resistant Staphylococcus aureus infections: a single institution experience. Infection and Drug Resistance, 2016, Volume 9, 243-252.	2.7	27
11	Estimation of novel colony establishment and persistence of the ectomycorrhizal basidiomycete Tricholoma matsutake in a Pinus densiflora forest. Fungal Ecology, 2016, 24, 35-43.	1.6	8
12	Grouping of multicopper oxidases in Lentinula edodes by sequence similarities and expression patterns. AMB Express, 2015, 5, 63.	3.0	21
13	Retrospective analysis of mortality and Candida isolates of 75 patients with candidemia: a single hospital experience. Infection and Drug Resistance, 2015, 8, 199.	2.7	48
14	Identification and enzymatic characterization of an endo-1,3-Î²-glucanase from Euglena gracilis. Phytochemistry, 2015, 116, 21-27.	2.9	34
15	Molecular cloning, characterization, and expression analysis of a Î²-N-acetylhexosaminidase (LeHex20B) from the shiitake mushroom, Lentinula edodes. Journal of Wood Science, 2015, 61, 178-184.	1.9	4
16	Relationship between climate, expansion rate, and fruiting in fairy rings (â€˜shiroâ€™) of an ectomycorrhizal fungus Tricholoma matsutake in a Pinus densiflora forest. Fungal Ecology, 2015, 15, 18-28.	1.6	17
17	Strand-Specific RNA-Seq Analyses of Fruiting Body Development in Coprinopsis cinerea. PLoS ONE, 2015, 10, e0141586.	2.5	95
18	Lentinan Degradation in the Lentinula edodes Fruiting Body during Postharvest Preservation Is Reduced by Downregulation of the exo-Î²-1,3-Glucanase EXG2. Journal of Agricultural and Food Chemistry, 2014, 62, 8153-8157.	5.2	24

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19	Retrospective analysis of the risk factors for linezolid-induced thrombocytopenia in adult Japanese patients. International Journal of Clinical Pharmacy, 2014, 36, 795-799.	2.1	52
20	Effect of Electrical Stimulation on Fruit Body Formation in Cultivating Mushrooms. Microorganisms, 2014, 2, 58-72.	3.6	30
21	Polysaccharide-Inducible Endoglucanases from Lentinula edodes Exhibit a Preferential Hydrolysis of 1,3â€“1,4-Î²-Glucan and Xyloglucan. Journal of Agricultural and Food Chemistry, 2013, 61, 7591-7598.	5.2	11
22	The Coprinopsis cinerea septin Cc.Cdc3 is involved in stipe cell elongation. Fungal Genetics and Biology, 2013, 58-59, 80-90.	2.1	25
23	Effective induction of pblac1 laccase by copper ion in Polyporus brumalis ibrc05015. Fungal Biology, 2013, 117, 52-61.	2.5	22
24	Genetic engineering of yellow betalain pigments beyond the species barrier. Scientific Reports, 2013, 3, 1970.	3.3	39
25	Characterization of Î²-N-acetylhexosaminidase (LeHex20A), a member of glycoside hydrolase family 20,	3.0	30
26	Gene silencing of the Lentinula edodes lcc1 gene by expression of a homologous inverted repeat sequence. Microbiological Research, 2011, 166, 484-493.	5.3	42
27	An endo-Î²-1,6-glucanase involved in Lentinula edodes fruiting body autolysis. Applied Microbiology and Biotechnology, 2011, 91, 1365-1373.	3.6	34
28	Endo-Î²-1,3-Glucanase GLU1, from the Fruiting Body of Lentinula edodes, Belongs to a New Glycoside Hydrolase Family. Applied and Environmental Microbiology, 2011, 77, 8350-8354.	3.1	60
29	The inhibitory effects of mushroom extracts on sucrose-dependent oral biofilm formation. Applied Microbiology and Biotechnology, 2010, 86, 615-623.	3.6	19
30	Protein expression during Flammulina velutipes fruiting body formation. Mycoscience, 2010, 51, 163-169.	0.8	8
31	Identification and characterization of CcCTR1, a copper uptake transporter-like gene, in Coprinopsis cinerea. Microbiological Research, 2010, 165, 276-287.	5.3	6
32	A chimeric laccase with hybrid properties of the parental Lentinula edodes laccases. Microbiological Research, 2010, 165, 392-401.	5.3	39
33	Characterization of an extracellular laccase, PbLac1, purified from Polyporus brumalis. Fungal Biology, 2010, 114, 609-618.	2.5	19
34	The Tyrosinase-Encoding Gene ofLentinula edodes,Letyr, Is Abundantly Expressed in the Gills of the Fruit-Body during Post-Harvest Preservation. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1042-1047.	1.3	13
35	Secretory expression of the non-secretory-type Lentinula edodes laccase by Aspergillus oryzae. Microbiological Research, 2009, 164, 642-649.	5.3	29
36	Effect of drying conditions on inactivation of food microorganisms. Journal of Bioscience and Bioengineering, 2009, 108, S139.	2.2	0

#	Article	IF	Citations
37	Cloning of Lentinula edodes lemnp2, a manganese peroxidase that is secreted abundantly in sawdust medium. Mycoscience, 2009, 50, 116-122.	0.8	13
38	Purification of a novel extracellular laccase from solid-state culture of the edible mushroom Lentinula edodes. Mycoscience, 2009, 50, 308-312.	0.8	11
39	Characterization of the post-harvest changes in gene transcription in the gill of the Lentinula edodes fruiting body. Current Genetics, 2009, 55, 409-423.	1.7	55
40	The basidiomycetous mushroom Lentinula edodes white collar-2 homolog PHRB, a partner of putative blue-light photoreceptor PHRA, binds to a specific site in the promoter region of the L. edodes tyrosinase gene. Fungal Genetics and Biology, 2009, 46, 333-341.	2.1	47
41	Heterologous expression of lcc1 from Lentinula edodes in tobacco BY-2 cells results in the production an active, secreted form of fungal laccase. Applied Microbiology and Biotechnology, 2008, 79, 971-980.	3.6	30
42	Pileus differentiation and pileus-specific protein expression in Flammulina velutipes. Fungal Genetics and Biology, 2007, 44, 14-24.	2.1	23
43	Isolation and characterization of the gene encoding a manganese peroxidase from Lentinula edodes. Mycoscience, 2007, 48, 125-130.	0.8	19
44	Lentinula edodes tlg1 Encodes a Thaumatin-Like Protein That Is Involved in Lentinan Degradation and Fruiting Body Senescence. Plant Physiology, 2006, 141, 793-801.	4.8	103
45	Characterization of the Lentinula edodes exg2 gene encoding a lentinan-degrading exo-Î²-1,3-glucanase. Current Genetics, 2005, 48, 195-203.	1.7	37
46	Isolation and characterization of a fruiting body-specific exo-?-1,3-glucanase-encoding gene, exg1, from Lentinula edodes. Current Genetics, 2005, 47, 244-252.	1.7	51
47	Influence of light on the morphological changes that take place during the development of the Flammulina velutipes fruit body. Mycoscience, 2004, 45, 333-339.	0.8	25
48	Protein expressions during fruit body induction of Flammulina velutipes under reduced temperature. Mycological Research, 2002, 106, 222-227.	2.5	21
49	Differential protein expression in the fruiting dikaryon and the non-fruiting monokaryon of Flammulina velutipes. Mycological Research, 2001, 105, 177-182.	2.5	8
50	Characterization of proteins expressed abundantly in the fruit-body of Flammulina velutipes. Mycoscience, 2000, 41, 279-282.	0.8	2
51	Senescence of the Lentinula edodes Fruiting Body After Harvesting. , 0, , .		8
52	High-Voltage Methods for Mushroom Fruit-Body Developments. , 0, , .		5