

# Atsushi Kurahashi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

160  
citations

7  
h-index

12  
g-index

18  
ext. papers

233  
ext. citations

2.4  
avg, IF

2.72  
L-index

#	Paper	IF	Citations
15	Ingredients, Functionality, and Safety of the Japanese Traditional Sweet Drink. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	2
14	Effects of Koji amazake and Its Lactic Acid Fermentation Product by <i>Lactobacillus sakei</i> UONUMA on Defecation Status in Healthy Volunteers with Relatively Low Stool Frequency. <i>Food Science and Technology Research</i> , <b>2019</b> , 25, 853-861	0.8	2
13	Isolation and characterization of a novel mycovirus infecting an edible mushroom, <i>Grifola frondosa</i> . <i>Mycoscience</i> , <b>2019</b> , 60, 211-220	1.2	5
12	Effect of temperature on saccharification and oligosaccharide production efficiency in koji amazake. <i>Journal of Bioscience and Bioengineering</i> , <b>2019</b> , 127, 570-574	3.3	7
11	Metabolite profile of koji amazake and its lactic acid fermentation product by <i>Lactobacillus sakei</i> UONUMA. <i>Journal of Bioscience and Bioengineering</i> , <b>2017</b> , 124, 178-183	3.3	21
10	A novel sphingomyelin/cholesterol domain-specific probe reveals the dynamics of the membrane domains during virus release and in Niemann-Pick type C. <i>FASEB Journal</i> , <b>2017</b> , 31, 1301-1322	0.9	23
9	Development of a transformation system for the edible mushroom <i>Grifola frondosa</i> : Demonstrating heterologous gene expression and RNAi-mediated gene silencing. <i>Mycoscience</i> , <b>2015</b> , 56, 364-372	1.2	11
8	Evaluation of aegerolysins as novel tools to detect and visualize ceramide phosphoethanolamine, a major sphingolipid in invertebrates. <i>FASEB Journal</i> , <b>2015</b> , 29, 3920-34	0.9	27
7	Overexpression of a putative transcription factor Gf.CRZ1 affects the expression of oxalate-degrading genes and causes morphological defects during mycelium formation in <i>Grifola frondosa</i> . <i>Mycoscience</i> , <b>2015</b> , 56, 516-522	1.2	4
6	A putative transcription factor Gf.BMR1 in <i>Grifola frondosa</i> , the homolog of BMR1 in <i>Bipolaris oryzae</i> , was strongly induced by near-ultraviolet light and blue light. <i>Mycoscience</i> , <b>2015</b> , 56, 177-182	1.2	7
5	Development of the SMA (Speaking Mushroom Approach) Environmental Control System: Automated Cultivation Control System Characterization. <i>Environmental Control in Biology</i> , <b>2015</b> , 53, 55-62 <sup>9</sup>	0.9	2
4	Heat shock protein 9 mRNA expression increases during fruiting body differentiation in <i>Grifola frondosa</i> and other edible mushrooms. <i>Mycoscience</i> , <b>2014</b> , 55, 98-102	1.2	6
3	Homologous genes, <i>Pe.pleurotolysin A</i> and <i>Pe.ostreolysin</i> , are both specifically and highly expressed in primordia and young fruiting bodies of <i>Pleurotus eryngii</i> . <i>Mycoscience</i> , <b>2014</b> , 55, 113-117	1.2	6
2	Binding of a pleurotolysin ortholog from <i>Pleurotus eryngii</i> to sphingomyelin and cholesterol-rich membrane domains. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 2933-43	6.3	34
1	SMA (Speaking Mushroom Approach) Environmental Control System Development: Automated Cultivation Control System Characterization. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 340-345		2