

Seiichiro Aoe

List of Publications by Citations

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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.

30
papers

701
citations

13
h-index

26
g-index

34
ext. papers

910
ext. citations

4.5
avg, IF

3.72
L-index

#	Paper	IF	Citations
30	Macrophage-inducible C-type lectin underlies obesity-induced adipose tissue fibrosis. <i>Nature Communications</i> , 2014 , 5, 4982	17.4	104
29	Effect of high beta-glucan barley on serum cholesterol concentrations and visceral fat area in Japanese men--a randomized, double-blinded, placebo-controlled trial. <i>Plant Foods for Human Nutrition</i> , 2008 , 63, 21-5	3.9	96
28	Hepatic crown-like structure: a unique histological feature in non-alcoholic steatohepatitis in mice and humans. <i>PLoS ONE</i> , 2013 , 8, e82163	3.7	88
27	The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4.8	65
26	A controlled trial of the effect of milk basic protein (MBP) supplementation on bone metabolism in healthy menopausal women. <i>Osteoporosis International</i> , 2005 , 16, 2123-8	5.3	65
25	Effects of high βglucan barley on visceral fat obesity in Japanese individuals: A randomized, double-blind study. <i>Nutrition</i> , 2017 , 42, 1-6	4.8	55
24	Effect of cooked white rice with high βglucan barley on appetite and energy intake in healthy Japanese subjects: a randomized controlled trial. <i>Plant Foods for Human Nutrition</i> , 2014 , 69, 325-30	3.9	32
23	Effect of Wheat Bran on Fecal Butyrate-Producing Bacteria and Wheat Bran Combined with Barley on Abundance in Japanese Healthy Adults. <i>Nutrients</i> , 2018 , 10,	6.7	23
22	Effects of Whole Grain Wheat Bread on Visceral Fat Obesity in Japanese Subjects: A Randomized Double-Blind Study. <i>Plant Foods for Human Nutrition</i> , 2018 , 73, 161-165	3.9	21
21	C-type lectin Mincle mediates cell death-triggered inflammation in acute kidney injury. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	19
20	Effects of soluble and insoluble fiber preparations isolated from oat, barley, and wheat on liver cholesterol accumulation in cholesterol-fed rats. <i>Journal of Nutritional Science and Vitaminology</i> , 1993 , 39, 73-9	1.1	15
19	Effects of BARLEYmax and high-βglucan barley line on short-chain fatty acids production and microbiota from the cecum to the distal colon in rats. <i>PLoS ONE</i> , 2019 , 14, e0218118	3.7	14
18	Effect of High βglucan Barley on Postprandial Blood Glucose Levels in Subjects with Normal Glucose Tolerance: Assessment by Meal Tolerance Test and Continuous Glucose Monitoring System. <i>Clinical Nutrition Research</i> , 2019 , 8, 55-63	1.7	13
17	Effects of liquid konjac on parameters related to obesity in diet-induced obese mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015 , 79, 1141-6	2.1	12
16	Effects of dietary oat, barley, and guar gums on serum and liver lipid concentrations in diet-induced hypertriglyceridemic rats. <i>Journal of Nutritional Science and Vitaminology</i> , 1994 , 40, 213-7	1.1	12
15	Effects of βglucan Rich Barley Flour on Glucose and Lipid Metabolism in the Ileum, Liver, and Adipose Tissues of High-Fat Diet Induced-Obesity Model Male Mice Analyzed by DNA Microarray. <i>Nutrients</i> , 2020 , 12,	6.7	12
14	Low Molecular Weight Barley βGlucan Affects Glucose and Lipid Metabolism by Prebiotic Effects. <i>Nutrients</i> , 2020 , 13,	6.7	10

13	Effects of Paramylon Extracted from EOD-1 on Parameters Related to Metabolic Syndrome in Diet-Induced Obese Mice. <i>Nutrients</i> , 2019 , 11,	6.7	8
12	Effects of barley β -glucan with various molecular weights partially hydrolyzed by endogenous β -glucanase on glucose tolerance and lipid metabolism in mice. <i>Cereal Chemistry</i> , 2020 , 97, 1056-1065	2.4	8
11	Effect of High β -glucan Barley on Postprandial Blood Glucose and Insulin Levels in Type 2 Diabetic Patients. <i>Clinical Nutrition Research</i> , 2020 , 9, 43-51	1.7	7
10	Effects of β -glucan Content and Pearling of Barley in Diet-Induced Obese Mice. <i>Cereal Chemistry</i> , 2017 , 94, CCHEM-04-17-008	2.4	5
9	High β -glucan Barley Supplementation Improves Glucose Tolerance by Increasing GLP-1 Secretion in Diet-Induced Obesity Mice. <i>Nutrients</i> , 2021 , 13,	6.7	4
8	Effect of a High-fat Diet with Barley β -glucan on Glucose Tolerance and Abdominal Fat-liver Lipid Accumulation in Mice. <i>The Japanese Journal of Nutrition and Dietetics</i> , 2016 , 74, 60-68	0.2	3
7	Macrophages rely on extracellular serine to suppress aberrant cytokine production. <i>Scientific Reports</i> , 2021 , 11, 11137	4.9	3
6	Ingestion of High β -glucan Barley Flour Enhances the Intestinal Immune System of Diet-Induced Obese Mice by Prebiotic Effects. <i>Nutrients</i> , 2021 , 13,	6.7	2
5	Effect of roasted barley flour on lipid metabolism and gut fermentation in mice fed high-fat diets. <i>Journal of Cereal Science</i> , 2021 , 103351	3.8	1
4	Effect of Oatmeal Supplementation on the Serum Cholesterol Levels in Adults with Boundary and Mild Hypercholesterolemia. <i>The Japanese Journal of Nutrition and Dietetics</i> , 2006 , 64, 77-86	0.2	1
3	Effects of Various Blending Ratios of Rice and Waxy Barley on Postprandial Blood Glucose Levels. <i>Nihon Eiyōshokuryōgakkai Shi = Nippon Eiyōshokuryōgakkai Shi = Journal of Japanese Society of Nutrition and Food Science</i> , 2018 , 71, 283-288	0.2	1
2	Influences of dietary fiber-rich cereal intake on the ileal and cecal bile acid metabolism. <i>International Journal of Human Culture Studies</i> , 2021 , 2021, 441-445	0	
1	Health Functions of Wheat and Barley. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2018 , 65, 388-391	0.2	