Naomichi Nishimura

List of Publications by Year
in descending order

23	342	759233 12	839539 18
papers	citations	h-index	g-index

23	23	23	365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ileorectostomy or Cecectomy but Not Colectomy Abolishes the Plasma Cholesterol-Lowering Effect of Dietary Beet Fiber in Rats. Journal of Nutrition, 1993, 123, 1260-1269.	2.9	46
2	Pectin and high-amylose maize starch increase caecal hydrogen production and relieve hepatic ischaemiaâ€“reperfusion injury in rats. British Journal of Nutrition, 2012, 107, 485-492.	2.3	36
3	High sucrose diet-induced dysbiosis of gut microbiota promotes fatty liver and hyperlipidemia in rats. Journal of Nutritional Biochemistry, 2021, 93, 108621.	4.2	33
4	Comparison of the fecal microbiota of two monogastric herbivorous and five omnivorous mammals. Animal Science Journal, 2020, 91, e13366.	1.4	29
5	Colonic Hydrogen Generated from Fructan Diffuses into the Abdominal Cavity and Reduces Adipose mRNA Abundance of Cytokines in Rats. Journal of Nutrition, 2013, 143, 1943-1951.	2.9	22
6	The Impact of Fructo-Oligosaccharides on Gut Permeability and Inflammatory Responses in the Cecal Mucosa Quite Differs between Rats Fed Semi-Purified and Non-Purified Diets. Journal of Nutritional Science and Vitaminology, 2018, 64, 357-366.	0.6	21
7	Mucin-Derived O-Glycans Act as Endogenous Fiber and Sustain Mucosal Immune Homeostasis via Short-Chain Fatty Acid Production in Rat Cecum. Journal of Nutrition, 2020, 150, 2656-2665.	2.9	20
8	Isomaltodextrin, a highly branched Î±-glucan, increases rat colonic H2 production as well as indigestible dextrin. Bioscience, Biotechnology and Biochemistry, 2016, 80, 554-563.	1.3	19
9	Fructo-oligosaccharide-Induced Transient Increases in Cecal Immunoglobulin A Concentrations in Rats Are Associated with Mucosal Inflammation in Response to Increased Gut Permeability. Journal of Nutrition, 2017, 147, 1900-1908.	2.9	19
10	Structural Abnormalities of Corpus Callosum and Cortical Axonal Tracts Accompanied by Decreased Anxiety-Like Behavior and Lowered Sociability in Spock3-Mutant Mice. Developmental Neuroscience, 2014, 36, 381-395.	2.0	18
11	Transplantation of High Hydrogen-Producing Microbiota Leads to Generation of Large Amounts of Colonic Hydrogen in Recipient Rats Fed High Amylose Maize Starch. Nutrients, 2018, 10, 144.	4.1	18
12	Raw Chinese Yam (Dioscorea opposita) Promotes Cecal Fermentation and Reduces Plasma Non-HDL Cholesterol Concentration in Rats. Journal of Nutritional Science and Vitaminology, 2011, 57, 340-347.	0.6	15
13	Suppressive Effect of High Hydrogen Generating High Amylose Cornstarch on Subacute Hepatic Ischemia-reperfusion Injury in Rats. Bioscience of Microbiota, Food and Health, 2012, 31, 103-108.	1.8	11
14	Dual labeling with 5-bromo-2'-deoxyuridine and 5-ethynyl-2'-deoxyuridine for estimation of cell migration rate in the small intestinal epithelium. Development Growth and Differentiation, 2015, 57, 68-73.	1.5	10
15	Impacts of high-sucrose diet on circadian rhythms in the small intestine of rats. Chronobiology International, 2019, 36, 826-837.	2.0	8
16	Oral intake of slowly digestible Î±-glucan, isomaltodextrin, stimulates glucagon-like peptide-1 secretion in the small intestine of rats. British Journal of Nutrition, 2020, 123, 619-626.	2.3	6
17	Hydrogen produced in rat colon improves in vivo reductionâ€“oxidation balance due to induced regeneration of Î±-tocopherol. British Journal of Nutrition, 2020, 123, 537-544.	2.3	4
18	Hairy Region Concentrate of Pectin Strongly Stimulates Mucin Secretion in HT29-MTX Cells, but to a Lessor Degree in Rat Small Intestine. Journal of Nutritional Science and Vitaminology, 2020, 66, 331-338.	0.6	3

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19	Sufficient intake of high amylose cornstarch maintains high colonic hydrogen production for 24Âh in rats. Bioscience, Biotechnology and Biochemistry, 2017, 81, 173-180.	1.3	2
20	Skate-skin mucin, rich in sulfated sugars and threonine, promotes proliferation of Akkermansia muciniphila in feeding tests in rats and in vitro fermentation using human feces. Bioscience, Biotechnology and Biochemistry, 2022, , .	1.3	1
21	Oral Intake of Slowly Digestible Î±-Glucan Such as Resistant Maltodextrin Leads to Increased Secretion of Glucagon-Like Peptide-2 in Rats and Helps Thicken Their Ileal Mucosae. Journal of Nutritional Science and Vitaminology, 2022, 68, 104-111.	0.6	1
22	Identification of vegetable ingredients that enhance softening of kombu. International Journal of Human Culture Studies, 2019, 2019, 147-154.	0.0	0
23	Inhibited maturation of astrocytes caused by maternal n-3 polyunsaturated fatty acid intake deficiency hinders the development of brain glial cells in neonatal rats. British Journal of Nutrition, 2021, , 1-26.	2.3	0