

# Naomichi Nishimura

## List of Publications by Year in descending order

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23  
papers

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citations

759233

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#	ARTICLE	IF	CITATIONS
1	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
2	Oral Intake of Slowly Digestible $\beta$ -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
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	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
5	Hydrogen produced in rat colon improves <i>in vivo</i> reduction-oxidation balance due to induced regeneration of $\alpha$ -tocopherol. British Journal of Nutrition, 2020, 123, 537-544.	2.3	4
6	Oral intake of slowly digestible $\beta$ -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
7	Comparison of the fecal microbiota of two monogastric herbivorous and five omnivorous mammals. Animal Science Journal, 2020, 91, e13366.	1.4	29
8	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
9	Hairy Region Concentrate of Pectin Strongly Stimulates Mucin Secretion in HT29-MTX Cells, but to a Lesser Degree in Rat Small Intestine. Journal of Nutritional Science and Vitaminology, 2020, 66, 331-338.	0.6	3
10	Impacts of high-sucrose diet on circadian rhythms in the small intestine of rats. Chronobiology International, 2019, 36, 826-837.	2.0	8
11	Identification of vegetable ingredients that enhance softening of kombu. International Journal of Human Culture Studies, 2019, 2019, 147-154.	0.0	0
12	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
13	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
14	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
15	Sufficient intake of high amylose cornstarch maintains high colonic hydrogen production for 24h in rats. Bioscience, Biotechnology and Biochemistry, 2017, 81, 173-180.	1.3	2
16	Isomaltodextrin, a highly branched $\beta$ -glucan, increases rat colonic H <sub>2</sub> production as well as indigestible dextrin. Bioscience, Biotechnology and Biochemistry, 2016, 80, 554-563.	1.3	19
17	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
18	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

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19	Colonic Hydrogen Generated from Fructan Diffuses into the Abdominal Cavity and Reduces Adipose mRNA Abundance of Cytokines in Rats. <i>Journal of Nutrition</i> , 2013, 143, 1943-1951.	2.9	22
20	Pectin and high-amylose maize starch increase caecal hydrogen production and relieve hepatic ischaemiaâ€reperfusion injury in rats. <i>British Journal of Nutrition</i> , 2012, 107, 485-492.	2.3	36
21	Suppressive Effect of High Hydrogen Generating High Amylose Cornstarch on Subacute Hepatic Ischemia-reperfusion Injury in Rats. <i>Bioscience of Microbiota, Food and Health</i> , 2012, 31, 103-108.	1.8	11
22	Raw Chinese Yam ( <i>Dioscorea opposita</i> ) Promotes Cecal Fermentation and Reduces Plasma Non-HDL Cholesterol Concentration in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2011, 57, 340-347.	0.6	15
23	Ileorectostomy or Cecectomy but Not Colectomy Abolishes the Plasma Cholesterol-Lowering Effect of Dietary Beet Fiber in Rats. <i>Journal of Nutrition</i> , 1993, 123, 1260-1269.	2.9	46