

Satoshi Nagaoka

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,673
citations

331670

21
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

1675
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of peptides in blood following oral administration of $\hat{\iota}^2$ -conglycinin to Wistar rats. <i>Food Chemistry</i> , 2021, 341, 128197.	8.2	9
2	Anti-Obesity and Hypocholesterolemic Actions of Protamine-Derived Peptide RPR (Arg-Pro-Arg) and Protamine in High-Fat Diet-Induced C57BL/6J Mice. <i>Nutrients</i> , 2021, 13, 2501.	4.1	9
3	Plant-derived peptides improving lipid and glucose metabolism. <i>Peptides</i> , 2021, 142, 170577.	2.4	14
4	Novel Approach for Simultaneous Analysis of Peptide Metabolites from Orally Administered Glycinin in Rat Bloodstream by Coumarin-Tagged MALDI-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 14840-14848.	5.2	4
5	IIAEK Targets Intestinal Alkaline Phosphatase (IAP) to Improve Cholesterol Metabolism with a Specific Activation of IAP and Downregulation of ABCA1. <i>Nutrients</i> , 2020, 12, 2859.	4.1	13
6	Epigallocatechin Gallate Induces Upregulation of LDL Receptor via the 67kDa Laminin Receptor-Independent Pathway in HepG2 Cells. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901036.	3.3	9
7	Molecular Mechanism by Which Tea Catechins Decrease the Micellar Solubility of Cholesterol. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7128-7135.	5.2	14
8	Ellagic acid affects mRNA expression levels of genes that regulate cholesterol metabolism in HepG2 cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 952-959.	1.3	15
9	Identification of a novel cholesterol-lowering dipeptide, phenylalanine-proline (FP), and its down-regulation of intestinal ABCA1 in hypercholesterolemic rats and Caco-2 cells. <i>Scientific Reports</i> , 2019, 9, 19416.	3.3	29
10	Structure-function properties of hypolipidemic peptides. <i>Journal of Food Biochemistry</i> , 2019, 43, e12539.	2.9	44
11	Mystery of Cholesterol-Lowering Peptides, Lactostatin and Soystatin. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3993-3994.	5.2	9
12	Identification of the active protein in rice bran protein having an inhibitory activity of cholesterol micellar solubility. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1216-1219.	1.3	10
13	Epigallocatechin gallate induces an up-regulation of LDL receptor accompanied by a reduction of PCSK9 via the annexin A2-independent pathway in HepG2 cells. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600836.	3.3	23
14	Interaction between Tea Polyphenols and Bile Acid Inhibits Micellar Cholesterol Solubility. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 204-209.	5.2	56
15	Synthesis of oolongtheanins and their inhibitory activity on micellar cholesterol solubility in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 749-752.	2.2	9
16	Cholesterol-lowering effect of rice bran protein containing bile acid-binding proteins. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 456-461.	1.3	37
17	Identification of a Novel Hypocholesterolemic Protein, Major Royal Jelly Protein 1, Derived from Royal Jelly. <i>PLoS ONE</i> , 2014, 9, e105073.	2.5	55
18	l-Cysteine-induced up-regulation of the low-density lipoprotein receptor is mediated via a transforming growth factor-alpha signalling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 401-405.	2.1	5

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19	Development of a novel transgenic rice with hypocholesterolemic activity via high-level accumulation of the β subunit of soybean β -conglycinin. <i>Transgenic Research</i> , 2014, 23, 609-620.	2.4	14
20	Fat and Health. <i>Oleoscience</i> , 2014, 14, 237-242.	0.0	1
21	Anti-obesity activity of hen egg anti-lipase immunoglobulin yolk, a novel pancreatic lipase inhibitor. <i>Nutrition and Metabolism</i> , 2013, 10, 70.	3.0	22
22	High-level production of lactostatin, a hypocholesterolemic peptide, in transgenic rice using soybean A1aB1b as carrier. <i>Transgenic Research</i> , 2013, 22, 621-629.	2.4	27
23	Soluble soy protein peptic hydrolysate stimulates adipocyte differentiation in 3T3-L1 cells. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1435-1445.	3.3	25
24	Epigallocatechin gallate changes mRNA expression level of genes involved in cholesterol metabolism in hepatocytes. <i>British Journal of Nutrition</i> , 2012, 107, 769-773.	2.3	36
25	Peptide-Lipid Interactions and Functionalities. , 2012, , 263-276.		1
26	Tiliroside, a glycosidic flavonoid, inhibits carbohydrate digestion and glucose absorption in the gastrointestinal tract. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 435-445.	3.3	62
27	The Hypocholesterolemic Activity of Transgenic Rice Seed Accumulating Lactostatin, a Bioactive Peptide Derived from Bovine Milk β -Lactoglobulin. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3845-3850.	5.2	33
28	Screening of peptides with a high affinity to bile acids using peptide arrays and a computational analysis. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 92-97.	2.2	26
29	Soystatin (VAWWMY), a Novel Bile Acid-Binding Peptide, Decreased Micellar Solubility and Inhibited Cholesterol Absorption in Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1738-1741.	1.3	84
30	A Cattle Heart Protein Hydrolysate Ameliorates Hypercholesterolemia Accompanied by Suppression of the Cholesterol Absorption in Rats and Caco-2 Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 607-612.	1.3	17
31	Serum Cholesterol-Lowering Effects of a Broccoli and Cabbage Mixture in Rats: Comparison with Spinach, Celery, Carrot, and Tomato. <i>ACS Symposium Series</i> , 2008, , 454-464.	0.5	4
32	A novel regulatory pathway for cholesterol degradation via lactostatin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 697-702.	2.1	62
33	Effects of Dipeptides Having a C-Terminal Lysine on the Cholesterol 7α -Hydroxylase mRNA Level in HepG2 Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 821-825.	1.3	11
34	Lactostatin (IIAEK) and CSPHP. , 2006, , 168-185.		5
35	A Novel Protein C-Phycocyanin Plays a Crucial Role in the Hypocholesterolemic Action of <i>Spirulina platensis</i> Concentrate in Rats. <i>Journal of Nutrition</i> , 2005, 135, 2425-2430.	2.9	168
36	Egg ovomucin attenuates hypercholesterolemia in rats and inhibits cholesterol absorption in Caco-2 cells. <i>Lipids</i> , 2002, 37, 267-272.	1.7	68

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37	Identification of Novel Hypocholesterolemic Peptides Derived from Bovine Milk β -Lactoglobulin. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 11-17.	2.1	347
38	Soy Protein Hydrolyzate with Bound Phospholipids Reduces Serum Cholesterol Levels in Hypercholesterolemic Adult Male Volunteers. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 72-78.	1.3	80
39	Soy Protein Peptic Hydrolysate with Bound Phospholipids Decreases Micellar Solubility and Cholesterol Absorption in Rats and Caco-2 Cells. <i>Journal of Nutrition</i> , 1999, 129, 1725-1730.	2.9	129
40	Serum Cholesterol Reduction and Cholesterol Absorption Inhibition in CaCo-2 Cells by a Soyprotein Peptic Hydrolyzate. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 354-356.	1.3	55
41	Reactivity of the High-MrMucin-like Glycoproteins in Human Milk with Monoclonal Antibodies HMFG-1 and HMFG-2. <i>Bioscience, Biotechnology and Biochemistry</i> , 1993, 57, 1001-1003.	1.3	2
42	Effects of Whey Protein and Casein on the Plasma and Liver Lipids in Rats. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 813-818.	0.3	30