Takashi Ide

List of Publications by Year
in descending order

40 papers	1,710 citations	331670 21 h-index	289244 40 g-index
40 all docs	40 docs citations	40 times ranked	1301 citing authors

#	Article	IF	Citations
1	Dietaryn-3 fatty acids affect mRNA level of brown adipose tissue uncoupling protein 1, and white adipose tissue leptin and glucose transporter 4 in the rat. British Journal of Nutrition, 2000, 84, 175-184.	2.3	154
2	Regulation by Dietary Fats of 3-Hydroxy-3-Methylglutaryl-Coenzyme a Reductase in Rat Liver. Journal of Nutrition, 1978, 108, 601-612.	2.9	145
3	Sesamin, a sesame lignan, is a potent inducer of hepatic fatty acid oxidation in the rat. Metabolism: Clinical and Experimental, 1999, 48, 1303-1313.	3.4	137
4	Comparative effects of perilla and fish oils on the activity and gene expression of fatty acid oxidation enzymes in rat liver. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1485, 23-35.	2.4	134
5	Reciprocal responses to dietary diacylglycerol of hepatic enzymes of fatty acid synthesis and oxidation in the rat. British Journal of Nutrition, 1997, 77, 107-121.	2.3	128
6	Interaction of Fish Oil and Conjugated Linoleic Acid in Affecting Hepatic Activity of Lipogenic Enzymes and Gene Expression in Liver and Adipose Tissue. Diabetes, 2005, 54, 412-423.	0.6	125
7	Sesamin, a sesame lignan, decreases fatty acid synthesis in rat liver accompanying the down-regulation of sterol regulatory element binding protein-1. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1534, 1-13.	2.4	85
8	Reciprocal responses to clofibrate in ketogenesis and triglyceride and cholesterol secretion in isolated rat liver. Metabolism: Clinical and Experimental, 1982, 31, 1065-1072.	3.4	70
9	Comparative effect of sesamin and episesamin on the activity and gene expression of enzymes in fatty acid oxidation and synthesis in rat liver. Journal of Nutritional Biochemistry, 2002, 13, 289-295.	4.2	62
10	Comparative analysis of sesame lignans (sesamin and sesamolin) in affecting hepatic fatty acid metabolism in rats. British Journal of Nutrition, 2007, 97, 85-95.	2.3	62
11	Dietary lipoic acid-dependent changes in the activity and mRNA levels of hepatic lipogenic enzymes in rats. British Journal of Nutrition, 2008, 100, 79-87.	2.3	54
12	Comparative Study of Sesame Lignans (Sesamin, Episesamin and Sesamolin) Affecting Gene Expression Profile and Fatty Acid Oxidation in Rat Liver. Journal of Nutritional Science and Vitaminology, 2009, 55, 31-43.	0.6	50
13	Activity of hepatic fatty acid oxidation enzymes in rats fed Î±-linolenic acid. Lipids and Lipid Metabolism, 1996, 1304, 105-119.	2.6	48
14	Comparative effects of Î±- and Î³-linolenic acids on rat liver fatty acid oxidation. Lipids, 1998, 33, 647-654.	1.7	38
15	Effect of dietary Î±-linolenic acid on the activity and gene expression of hepatic fatty acid oxidation enzymes. BioFactors, 2000, 13, 9-14.	5.4	37
16	Divergent effects of eicosapentaenoic and docosahexaenoic acid ethyl esters, and fish oil on hepatic fatty acid oxidation in the rat. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2003, 1635, 29-36.	2.4	37
17	Contrasting effects of water-soluble and water-insoluble dietary fibers on bile acid conjugation and taurine metabolism in the rat. Lipids, 1990, 25, 335-340.	1.7	36
18	Dietary gamma-linolenic acid in the form of borage oil causes less body fat accumulation accompanying an increase in uncoupling protein 1 mRNA level in brown adipose tissue. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2000, 127, 213-222.	1.6	36

#	Article	IF	Citations
19	Interaction of dietary fat types and sesamin on hepatic fatty acid oxidation in rats. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1682, 80-91.	2.4	36
20	Species differences in the physiological activity of dietary lignan (sesamin and episesamin) in affecting hepatic fatty acid metabolism. British Journal of Nutrition, 2004, 91, 377-386.	2.3	28
21	Octadecatrienoic acids as the substrates for the key enzymes in glycerolipid biosynthesis and fatty acid oxidation in rat liver. Lipids, 1995, 30, 755-762.	1.7	23
22	Effect of n-3 fatty acids on serum lipid levels and hepatic fatty acid metabolism in BALB/c.KOR-Apoeshl mice deficient in apolipoprotein E expression. Journal of Nutritional Biochemistry, 2004, 15, 169-178.	4.2	21
23	Activity and mRNA Levels of Enzymes Involved in Hepatic Fatty Acid Synthesis in Rats Fed Naringenin. Journal of Agricultural and Food Chemistry, 2015, 63, 9536-9542.	5.2	17
24	Combined effect of sesamin and Î±-lipoic acid on hepatic fatty acid metabolism in rats. European Journal of Nutrition, 2013, 52, 1015-1027.	3.9	16
25	Physiological effects of Î³-linolenic acid and sesamin on hepatic fatty acid synthesis and oxidation. Journal of Nutritional Biochemistry, 2017, 41, 42-55.	4.2	16
26	Effects of dietary Î±-lipoic acid enantiomers on hepatic fatty acid metabolism in rats. Journal of Functional Foods, 2013, 5, 71-79.	3.4	14
27	Dietary sesamin and docosahexaenoic and eicosapentaenoic acids synergistically increase the gene expression of enzymes involved in hepatic peroxisomal fatty acid oxidation in rats. Metabolism: Clinical and Experimental, 2006, 55, 381-390.	3.4	13
28	Effect of dietary Î±-lipoic acid on the mRNA expression of genes involved in drug metabolism and antioxidation system in rat liver. British Journal of Nutrition, 2014, 112, 295-308.	2.3	13
29	Comparative Effects of Sesame Seeds Differing in Lignan Contents and Composition on Fatty Acid Oxidation in Rat Liver. Journal of Oleo Science, 2015, 64, 211-222.	1.4	12
30	Physiological effects of an oil rich in Î³-linolenic acid on hepatic fatty acid oxidation and serum lipid levels in genetically hyperlipidemic mice. Journal of Clinical Biochemistry and Nutrition, 2019, 64, 148-157.	1.4	11
31	Interaction of Dietary Protein Differing in Sulfur Amino Acid Content and Pectin on Bile Acid Conjugation in Immature and Mature Rats. Journal of Nutrition, 1991, 121, 985-993.	2.9	9
32	Interrelated effects of dihomo-Î³-linolenic and arachidonic acids, and sesamin on hepatic fatty acid synthesis and oxidation in rats. British Journal of Nutrition, 2012, 108, 1980-1993.	2.3	9
33	Combined effect of sesamin and soybean phospholipid on hepatic fatty acid metabolism in rats. Journal of Clinical Biochemistry and Nutrition, 2014, 54, 210-218.	1.4	7
34	Antioxidant Capacities and Total Quercetin Content of Several Species of Polygonaceae in Mongolia. Food Science and Technology Research, 2010, 16, 169-174.	0.6	5
35	Enzymatic-HPLC Method to AnalyzeD-3-Hydroxybutyric Acid in Rat Serum. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1578-1582.	1.3	5
36	Physiological activities of the combination of fish oil and Î±-lipoic acid affecting hepatic lipogenesis and parameters related to oxidative stress in rats. European Journal of Nutrition, 2018, 57, 1545-1561.	3.9	5

#	Article	IF	Citations
37	Reduction by Guanidinoethane Sulfonate of the Activities of Enzymes Involved in Taurine Synthesis in Rat Liver. Bioscience, Biotechnology and Biochemistry, 1994, 58, 1584-1588.	1.3	4
38	An Oil Rich in Î3-Linolenic Acid Differently Affects Hepatic Fatty Acid Oxidation in Mice and Rats. Biological and Pharmaceutical Bulletin, 2020, 43, 1382-1392.	1.4	4
39	Î± -Lipoic acid ameliorated oxidative stress induced by perilla oil, but the combination of these dietary factors was ineffective to cause marked deceases in serum lipid levels in rats. Nutrition Research, 2017, 48, 49-64.	2.9	3
40	Fish oil at low dietary levels enhances physiological activity of sesamin to increase hepatic fatty acid oxidation in rats. Journal of Clinical Biochemistry and Nutrition, 2012, 51, 241-247.	1.4	1