Oddrun Anita Gudbrandsen

List of Publications by Year
in descending order

57 papers	1,271 citations	361388 20 h-index	395678 33 g-index
57 all docs	57 docs citations	57 times ranked	1463 citing authors

#	Article	IF	Citations
1	Fish Protein Hydrolysate Reduces Plasma Total Cholesterol, Increases the Proportion of HDL Cholesterol, and Lowers Acyl-CoA:Cholesterol Acyltransferase Activity in Liver of Zucker Rats. Journal of Nutrition, 2004, 134, 1320-1327.	2.9	207
2	Dietary proteins with high isoflavone content or low methionineâ€“glycine and lysineâ€“arginine ratios are hypocholesterolaemic and lower the plasma homocysteine level in male Zucker fa/fa rats. British Journal of Nutrition, 2005, 94, 321-330.	2.3	67
3	Metabolic effects of thia fatty acids. Current Opinion in Lipidology, 2002, 13, 295-304.	2.7	60
4	A randomised study on the effects of fish protein supplement on glucose tolerance, lipids and body composition in overweight adults. British Journal of Nutrition, 2013, 109, 648-657.	2.3	59
5	Causes and prevention of tamoxifen-induced accumulation of triacylglycerol in rat liver. Journal of Lipid Research, 2006, 47, 2223-2232.	4.2	52
6	Dietary fish protein hydrolysates containing bioactive motifs affect serum and adipose tissue fatty acid compositions, serum lipids, postprandial glucose regulation and growth in obese Zucker fa/fa rats. British Journal of Nutrition, 2016, 116, 1336-1345.	2.3	46
7	Visceral adiposity and metabolic syndrome after very highâ€“fat and low-fat isocaloric diets: a randomized controlled trial. American Journal of Clinical Nutrition, 2017, 105, 85-99.	4.7	46
8	3-Hydroxyisobutyrate, A Strong Marker of Insulin Resistance in Type 2 Diabetes and Obesity That Modulates White and Brown Adipocyte Metabolism. Diabetes, 2020, 69, 1903-1916.	0.6	42
9	Dietary soya protein concentrate enriched with isoflavones reduced fatty liver, increased hepatic fatty acid oxidation and decreased the hepatic mRNA level of VLDL receptor in obese Zucker rats. British Journal of Nutrition, 2006, 96, 249-257.	2.3	39
10	Combination of fish oil and fish protein hydrolysate reduces the plasma cholesterol level with a concurrent increase in hepatic cholesterol level in high-fatâ€“fed Wistar rats. Nutrition, 2009, 25, 98-104.	2.4	38
11	Down-regulated expression of PPARÎ± target genes, reduced fatty acid oxidation and altered fatty acid composition in the liver of mice transgenic for hTNFÎ±. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2005, 1734, 235-246.	2.4	36
12	Seven-year trajectories of body weight, quality of life and comorbidities following Roux-en-Y gastric bypass and sleeve gastrectomy. International Journal of Obesity, 2022, 46, 739-749.	3.4	34
13	A casein diet added isoflavone-enriched soy protein favorably affects biomarkers of steatohepatitis in obese Zucker rats. Nutrition, 2009, 25, 574-580.	2.4	32
14	High intake of fatty fish, but not of lean fish, affects serum concentrations of TAG and HDL-cholesterol in healthy, normal-weight adults: a randomised trial. British Journal of Nutrition, 2016, 116, 648-657.	2.3	31
15	TMAO, creatine and 1-methylhistidine in serum and urine are potential biomarkers of cod and salmon intake: a randomised clinical trial in adults with overweight or obesity. European Journal of Nutrition, 2020, 59, 2249-2259.	3.9	29
16	High intake of fatty fish, but not of lean fish, improved postprandial glucose regulation and increased the n-3 PUFA content in the leucocyte membrane in healthy overweight adults: a randomised trial. British Journal of Nutrition, 2017, 117, 1368-1378.	2.3	27
17	IRX5 regulates adipocyte amyloid precursor protein and mitochondrial respiration in obesity. International Journal of Obesity, 2019, 43, 2151-2162.	3.4	27
18	A low dietary intake of cod protein is sufficient to increase growth, improve serum and tissue fatty acid compositions, and lower serum postprandial glucose and fasting non-esterified fatty acid concentrations in obese Zucker fa/fa rats. European Journal of Nutrition, 2015, 54, 1151-1160.	3.9	26

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19	Effects of low doses of fish and milk proteins on glucose regulation and markers of insulin sensitivity in overweight adults: a randomised, double blind study. European Journal of Nutrition, 2020, 59, 1013-1029.	3.9	26
20	Trans-10, cis-12-conjugated linoleic acid reduces the hepatic triacylglycerol content and the leptin mRNA level in adipose tissue in obese Zucker fa/fa rats. British Journal of Nutrition, 2009, 102, 803-815.	2.3	24
21	Associations between intake of fish and n-3 long-chain polyunsaturated fatty acids and plasma metabolites related to the kynurenine pathway in patients with coronary artery disease. European Journal of Nutrition, 2017, 56, 261-272.	4.6	22
22	Absence of the proteoglycan decorin reduces glucose tolerance in overfed male mice. Scientific Reports, 2019, 9, 4614.	3.3	21
23	Inhibition of rat lipoprotein oxidation after tetradecylthioacetic acid feeding. Biochemical Pharmacology, 2002, 63, 1127-1135.	4.4	18
24	Prevention of Hypertension and Organ Damage in 2-Kidney, 1-Clip Rats by Tetradecylthioacetic Acid. Hypertension, 2006, 48, 460-466.	2.7	18
25	Water-Soluble Fish Protein Intake Led to Lower Serum and Liver Cholesterol Concentrations in Obese Zucker fa/fa Rats. Marine Drugs, 2018, 16, 149.	4.6	16
26	Daily Intake of Protein from Cod Residual Material Lowers Serum Concentrations of Nonesterified Fatty Acids in Overweight Healthy Adults: A Randomized Double-Blind Pilot Study. Marine Drugs, 2018, 16, 197.	4.6	16
27	The metabolic effects of thia fatty acids in rat liver depend on the position of the sulfur atom. Chemico-Biological Interactions, 2005, 155, 71-81.	4.0	15
28	Tetradecylselenoacetic Acid, a PPAR Ligand With Antioxidant, Antiinflammatory, and Hypolipidemic Properties. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 628-634.	2.4	13
29	Intake of Baked Cod Fillet Resulted in Lower Serum Cholesterol and Higher Long Chain n-3 PUFA Concentrations in Serum and Tissues in Hypercholesterolemic Obese Zucker fa/fa Rats. Nutrients, 2018, 10, 840.	4.1	13
30	Thia fatty acids with the sulfur atom in even or odd positions have opposite effects on fatty acid catabolism. Lipids, 2006, 41, 169-177.	1.7	12
31	Short-term effects of Vertical sleeve gastrectomy and Roux-en-Y gastric bypass on glucose homeostasis. Scientific Reports, 2019, 9, 14817.	3.3	12
32	Dietary single cell protein reduces fatty liver in obese Zucker rats. British Journal of Nutrition, 2008, 100, 776-785.	2.3	11
33	Dietary intake of cod protein beneficially affects concentrations of urinary markers of kidney function and results in lower urinary loss of amino acids in obese Zucker fa/fa rats. British Journal of Nutrition, 2018, 120, 740-750.	2.3	10
34	The absorption, distribution and biological effects of a modified fatty acid in its free form and as an ethyl ester in rats. Chemico-Biological Interactions, 2009, 179, 227-232.	4.0	9
35	Diets containing salmon fillet delay development of high blood pressure and hyperfusion damage in kidneys in obese Zucker fa/fa rats. Journal of the American Society of Hypertension, 2018, 12, 294-302.	2.3	9
36	Cod Residual Protein Prevented Blood Pressure Increase in Zucker fa/fa Rats, Possibly by Inhibiting Activities of Angiotensin-Converting Enzyme and Renin. Nutrients, 2018, 10, 1820.	4.1	9

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37	Fecal fat and energy loss in pancreas exocrine insufficiency: the role of pancreas enzyme replacement therapy. Scandinavian Journal of Gastroenterology, 2018, 53, 1132-1138.	1.5	9
38	Effects of high intake of cod or salmon on gut microbiota profile, faecal output and serum concentrations of lipids and bile acids in overweight adults: a randomised clinical trial. European Journal of Nutrition, 2021, 60, 2231-2248.	3.9	9
39	Effects of baked and raw salmon fillet on lipids and n-3 PUFAs in serum and tissues in Zucker fa/fa ratsâ€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹â€‹. Food and Nutrition Research, 2017, 61, 1333395.	2.6	8
40	More Than Fishâ€"Framing Aquatic Animals within Sustainable Food Systems. Foods, 2022, 11, 1413.	4.3	8
41	Hydrolyzed proteins from herring and salmon rest raw material contain peptide motifs with angiotensin-I converting enzyme inhibitors and resulted in lower urine concentrations of protein, cystatin C and glucose when fed to obese Zucker fa/fa rats. Nutrition Research, 2018, 52, 14-21.	2.9	7
42	Five salmon dinners per week were not sufficient to prevent the reduction in serum vitamin D in autumn at 60Â° north latitude: a randomised trial. British Journal of Nutrition, 2020, 123, 419-427.	2.3	7
43	Effects of intact and hydrolysed blue whiting proteins on blood pressure and markers of kidney function in obese Zucker fa/fa rats. European Journal of Nutrition, 2021, 60, 529-544.	3.9	7
44	Automated spectrophotometric bicarbonate analysis in duodenal juice compared to the back titration method. Pancreatology, 2016, 16, 231-237.	1.1	6
45	Urine and plasma concentrations of amino acids and plasma vitamin status differ, and are differently affected by salmon intake, in obese Zucker fa/fa rats with impaired kidney function and in Long-Evans rats with healthy kidneys. British Journal of Nutrition, 2019, 122, 262-273.	2.3	5
46	Dose-dependent coronary artery intimal thickening after local delivery of the anti-oxidant tetradecylthioacetic acid from stents. Atherosclerosis, 2007, 195, e39-e47.	0.8	4
47	Fish protein supplementation in older nursing home residents: a randomised, double-blind, pilot study. Pilot and Feasibility Studies, 2019, 5, 35.	1.2	4
48	Effect of high intake of cod or salmon on serum total neopterin concentration: a randomised clinical trial. European Journal of Nutrition, 2021, 60, 3237-3248.	3.9	4
49	Cod protein powder lowered serum nonesterified fatty acids and increased total bile acid concentrations in healthy, lean, physically active adults: a randomized double-blind study. Food and Nutrition Research, 2019, 63, .	2.6	4
50	Salmon Fillet Intake Led to Higher Serum Triacylglycerol in Obese Zucker Fa/Fa Rats But Not in Normolipidemic Long-Evans Rats. Nutrients, 2018, 10, 1459.	4.1	3
51	Effect of Cod Residual Protein Supplementation on Markers of Glucose Regulation in Lean Adults: A Randomized Double-Blind Study. Nutrients, 2020, 12, 1445.	4.1	3
52	Substitution of high-dose sucrose with fructose in high-fat diets resulted in higher plasma concentrations of aspartic acid, cystine, glutamic acid, ornithine and phenylalanine, and higher urine concentrations of arginine and citrulline. Nutrition Research, 2020, 79, 100-110.	2.9	3
53	Ultrasound and Microbubbles Enhance Uptake of Doxorubicin in Murine Kidneys. Pharmaceutics, 2021, 13, 2038.	4.5	3
54	Comparison of pre-analytical conditions for quantification of serotonin in platelet-poor plasma. Practical Laboratory Medicine, 2019, 17, e00136.	1.3	2

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55	Baked cod consumption delayed the development of kidney and liver dysfunction and affected plasma amino acid concentrations, but did not affect blood pressure, blood glucose or liver triacylglycerol concentrations in obese fa/fa Zucker rats.. Nutrition Research, 2021, 92, 72-83.	2.9	2
56	Analysis of amylase in duodenal juice - Automated kinetic spectrophotometric analysis versus manual colorimetric endpoint assay. Pancreatology, 2017, 17, 182-187.	1.1	1
57	Analysis of lipase activity in duodenal juice. Comparison of an automated spectrophotometric assay to a fluorometric microplate assay, and factors affecting sample stability. Scandinavian Journal of Gastroenterology, 2018, 53, 1206-1211.	1.5	0