Bodil BjÃ¸rndal

List of Publications by Year
in descending order

64 papers	1,483 citations	361413 20 h-index	345221 36 g-index
64 all docs	64 docs citations	64 times ranked	2647 citing authors

#	Article	IF	Citations
1	Diet restriction alone improves glucose tolerance and insulin sensitivity than its coadministration with krill or fish oil in a rabbit model of castrationâ€induced obesity. Journal of Animal Physiology and Animal Nutrition, 2022, 106, 1396-1407.	2.2	2
2	Lipid, fatty acid, carnitine- and choline derivative profiles in rheumatoid arthritis outpatients with different degrees of periodontal inflammation. Scientific Reports, 2021, 11, 5332.	3.3	10
3	Plasma 3-hydroxyisobutyrate (3-HIB) and methylmalonic acid (MMA) are markers of hepatic mitochondrial fatty acid oxidation in male Wistar rats. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158887.	2.4	11
4	Changes in lipoprotein particle subclasses, standard lipids, and apolipoproteins after supplementation with n-3 or n-6 PUFAs in abdominal obesity: A randomized double-blind crossover study. Clinical Nutrition, 2021, 40, 2556-2575.	5.0	6
5	Hepatic Energy Metabolism Underlying Differential Lipidomic Responses to High-Carbohydrate and High-Fat Diets in Male Wistar Rats. Journal of Nutrition, 2021, 151, 2610-2621.	2.9	8
6	Increased fatty acid oxidation and mitochondrial proliferation in liver are associated with increased plasma kynurenine metabolites and nicotinamide levels in normolipidemic and carnitine-depleted rats. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158543.	2.4	7
7	Hepatic steatosis induced in C57BL/6 mice by a non-ÃŸ oxidizable fatty acid analogue is associated with reduced plasma kynurenine metabolites and a modified hepatic NAD+/NADH ratio. Lipids in Health and Disease, 2020, 19, 94.	3.0	5
8	The PPAR pan-agonist tetradecylthioacetic acid promotes redistribution of plasma cholesterol towards large HDL. PLoS ONE, 2020, 15, e0229322.	2.5	4
9	A chicken protein hydrolysate exerts antiâ€atherosclerotic effect beyond plasma cholesterolâ€lowering activity in Apoe â^'/â^' mice. Food Science and Nutrition, 2020, 8, 3052-3060.	3.4	4
10	Short-Term Activation of Peroxisome Proliferator-Activated Receptors<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M2"><mml:mrow><mml:mi>Î³</mml:mi></mml:mrow></mml:math>Induces Tissue-Specific Effects on Lipid Metabolism and Fatty Acid Composition in Male Wistar Rats. PPAR Research, 2019, 2019, 1-12.	2.4	18
11	Upregulated PDK4 expression is a sensitive marker of increased fatty acid oxidation. Mitochondrion, 2019, 49, 97-110.	3.4	75
12	A mitochondria-targeted fatty acid analogue influences hepatic glucose metabolism and reduces the plasma insulin/glucose ratio in male Wistar rats. PLoS ONE, 2019, 14, e0222558.	2.5	4
13	Short-term treatment with a peroxisome proliferator-activated receptor Î± agonist influences plasma one-carbon metabolites and B-vitamin status in rats. PLoS ONE, 2019, 14, e0226069.	2.5	4
14	Chicken Protein Hydrolysates Have Anti-Inflammatory Effects on High-Fat Diet Induced Obesity in Mice. Medicines (Basel, Switzerland), 2019, 6, 5.	1.4	8
15	Title is missing!. , 2019, 14, e0226069.		0
16	Title is missing!. , 2019, 14, e0226069.		0
17	Title is missing!. , 2019, 14, e0226069.		0
18	Title is missing!. , 2019, 14, e0226069.		0

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19	Plasma choline, homocysteine and vitamin status in healthy adults supplemented with krill oil: a pilot study. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 527-532.	1.2	9
20	Associations between fatty acid oxidation, hepatic mitochondrial function, and plasma acylcarnitine levels in mice. Nutrition and Metabolism, 2018, 15, 10.	3.0	60
21	A fatty acid analogue targeting mitochondria exerts a plasma triacylglycerol lowering effect in rats with impaired carnitine biosynthesis. PLoS ONE, 2018, 13, e0194978.	2.5	12
22	Serum Acylcarnitines and Risk of Cardiovascular Death and Acute Myocardial Infarction in Patients With Stable Angina Pectoris. Journal of the American Heart Association, 2017, 6, .	3.7	70
23	Increased hepatic mitochondrial FA oxidation reduces plasma and liver TG levels and is associated with regulation of UCPs and APOC-III in rats. Journal of Lipid Research, 2017, 58, 1362-1373.	4.2	19
24	Peroxisome Proliferator-Activated Receptor Activation is Associated with Altered Plasma One-Carbon Metabolites and B-Vitamin Status in Rats. Nutrients, 2016, 8, 26.	4.1	18
25	Neil3-dependent base excision repair regulates lipid metabolism and prevents atherosclerosis in Apoe-deficient mice. Scientific Reports, 2016, 6, 28337.	3.3	26
26	Tetradecylthiopropionic acid induces hepatic mitochondrial dysfunction and steatosis, accompanied by increased plasma homocysteine in mice. Lipids in Health and Disease, 2016, 15, 24.	3.0	8
27	Krill oil reduces plasma triacylglycerol level and improves related lipoprotein particle concentration, fatty acid composition and redox status in healthy young adults - a pilot study. Lipids in Health and Disease, 2015, 14, 163.	3.0	35
28	Fish oil and krill oil differentially modify the liver and brain lipidome when fed to mice. Lipids in Health and Disease, 2015, 14, 88.	3.0	24
29	A Protein Extract from Chicken Reduces Plasma Homocysteine in Rats. Nutrients, 2015, 7, 4498-4511.	4.1	3
30	A Phospholipid-Protein Complex from Krill with Antioxidative and Immunomodulating Properties Reduced Plasma Triacylglycerol and Hepatic Lipogenesis in Rats. Marine Drugs, 2015, 13, 4375-4397.	4.6	11
31	A Phospholipid-Protein Complex from Antarctic Krill Reduced Plasma Homocysteine Levels and Increased Plasma Trimethylamine-N-Oxide (TMAO) and Carnitine Levels in Male Wistar Rats. Marine Drugs, 2015, 13, 5706-5721.	4.6	18
32	Three differently generated salmon protein hydrolysates reveal opposite effects on hepatic lipid metabolism in mice fed a high-fat diet. Food Chemistry, 2015, 183, 101-110.	8.2	19
33	Effect of fish and krill oil supplementation on glucose tolerance in rabbits with experimentally induced obesity. European Journal of Nutrition, 2015, 54, 1055-1067.	3.9	22
34	Hypolipidemic effect of dietary water-soluble protein extract from chicken: impact on genes regulating hepatic lipid and bile acid metabolism. European Journal of Nutrition, 2015, 54, 193-204.	3.9	9
35	Circulating B-Vitamins and Smoking Habits Are Associated with Serum Polyunsaturated Fatty Acids in Patients with Suspected Coronary Heart Disease: A Cross-Sectional Study. PLoS ONE, 2015, 10, e0129049.	2.5	7
36	A krill powder-diet reduces fatty acid and amino acid catabolism while increasing mitochondrial oxidative phosphorylation, a study of the hepatic transcriptome in mice. Journal of Functional Foods, 2014, 6, 623-630.	3.4	4

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37	Effect of combined thermal and electrical muscle stimulation on cardiorespiratory fitness and adipose tissue in obese individuals. European Journal of Preventive Cardiology, 2014, 21, 1292-1299.	1.8	5
38	Phospholipids from herring roe improve plasma lipids and glucose tolerance in healthy, young adults. Lipids in Health and Disease, 2014, 13, 82.	3.0	27
39	Fish oil and krill oil supplementations differentially regulate lipid catabolic and synthetic pathways in mice. Nutrition and Metabolism, 2014, 11, 20.	3.0	56
40	A Salmon Protein Hydrolysate Exerts Lipid-Independent Anti-Atherosclerotic Activity in ApoE-Deficient Mice. PLoS ONE, 2014, 9, e97598.	2.5	40
41	Krill oil versus fish oil in modulation of inflammation and lipid metabolism in mice transgenic for TNF-Î±. European Journal of Nutrition, 2013, 52, 1315-1325.	3.9	89
42	A fish protein hydrolysate alters fatty acid composition in liver and adipose tissue and increases plasma carnitine levels in a mouse model of chronic inflammation. Lipids in Health and Disease, 2013, 12, 143.	3.0	41
43	Tetradecylthioacetic Acid Attenuates Inflammation and Has Antioxidative Potential During Experimental Colitis in Rats. Digestive Diseases and Sciences, 2013, 58, 97-106.	2.3	12
44	Disturbed carnitine regulation in chronic heart failure â€" Increased plasma levels of palmitoyl-carnitine are associated with poor prognosis. International Journal of Cardiology, 2013, 167, 1892-1899.	1.7	53
45	Proteomics identifies molecular networks affected by tetradecylthioacetic acid and fish oil supplemented diets. Journal of Proteomics, 2013, 84, 61-77.	2.4	17
46	A salmon peptide diet alleviates experimental colitis as compared with fish oil. Journal of Nutritional Science, 2013, 2, e2.	1.9	14
47	Dietary intake of n-3 long-chain polyunsaturated fatty acids and risk of myocardial infarction in coronary artery disease patients with or without diabetes mellitus: a prospective cohort study. BMC Medicine, 2013, 11, 216.	5.5	20
48	Fish Oil and the Pan-PPAR Agonist Tetradecylthioacetic Acid Affect the Amino Acid and Carnitine Metabolism in Rats. PLoS ONE, 2013, 8, e66926.	2.5	10
49	An Immunomodulating Fatty Acid Analogue Targeting Mitochondria Exerts Anti-Atherosclerotic Effect beyond Plasma Cholesterol-Lowering Activity in apoE-/- Mice. PLoS ONE, 2013, 8, e81963.	2.5	17
50	Dietary supplementation of krill oil attenuates inflammation and oxidative stress in experimental ulcerative colitis in rats. Scandinavian Journal of Gastroenterology, 2012, 47, 49-58.	1.5	58
51	Free carnitine and acylcarnitines inÂobese patients with polycystic ovary syndrome and effects ofÂpioglitazone treatment. Fertility and Sterility, 2012, 98, 1620-1626.e1.	1.0	31
52	Fish oil and 3-thia fatty acid have additive effects on lipid metabolism but antagonistic effects on oxidative damage when fed to rats for 50 weeks. Journal of Nutritional Biochemistry, 2012, 23, 1384-1393.	4.2	29
53	Dietary supplementation of herring roe and milt enhances hepatic fatty acid catabolism in female mice transgenic for hTNFÎ±. European Journal of Nutrition, 2012, 51, 741-753.	3.9	29
54	Krill powder increases liver lipid catabolism and reduces glucose mobilization in tumor necrosis factor-alpha transgenic mice fed a high-fat diet. Metabolism: Clinical and Experimental, 2012, 61, 1461-1472.	3.4	29

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55	Lipid-Lowering Effects of Tetradecylthioacetic Acid in Antipsychotic-Exposed, Female Rats: Challenges with Long-Term Treatment. PLoS ONE, 2012, 7, e50853.	2.5	6
56	Different Adipose Depots: Their Role in the Development of Metabolic Syndrome and Mitochondrial Response to Hypolipidemic Agents. Journal of Obesity, 2011, 2011, 1-15.	2.7	269
57	Tissue-Specific Effects of Bariatric Surgery Including Mitochondrial Function. Journal of Obesity, 2011, 2011, 1-9.	2.7	14
58	Tetradecylthioacetic Acid Increases Hepatic Mitochondrial Î²â€Oxidation and Alters Fatty Acid Composition in a Mouse Model of Chronic Inflammation. Lipids, 2011, 46, 679-689.	1.7	10
59	RACK1 regulates Ki-Ras-mediated signaling and morphological transformation of NIH 3T3 cells. International Journal of Cancer, 2006, 120, 961-969.	5.1	7
60	Expression and purification of receptor for activated C-kinase 1 (RACK1). Protein Expression and Purification, 2003, 31, 47-55.	1.3	11
61	Participation of phospholipase D and Î±/Î²-protein kinase C in growth factor-induced signalling in C3H10T1/2 fibroblasts. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2003, 1632, 62-71.	2.4	11
62	Nuclear import of factors involved in signaling is inhibited in C3H/10T1/2 cells treated with tetradecylthioacetic acid. Journal of Lipid Research, 2002, 43, 1630-1640.	4.2	8
63	Expression of a peptide binding to receptor for activated C-kinase (RACK1) inhibits phorbol myristoyl acetate-stimulated phospholipase D activity in C3H/10T1/2 cells: dissociation of phospholipase D-mediated phosphatidylcholine breakdown from its synthesis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1487, 163-176.	2.4	9
64	Subcellular Localization of Human Immunodeficiency Virus Type 1 RNAs, Rev, and the Splicing Factor SC-35. Virology, 1998, 244, 473-482.	2.4	21