

Kaja Helvik Skjrven

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

169
citations

8
h-index

13
g-index

17
ext. papers

199
ext. citations

3.5
avg, IF

2.96
L-index

#	Paper	IF	Citations
17	Parental micronutrient deficiency distorts liver DNA methylation and expression of lipid genes associated with a fatty-liver-like phenotype in offspring. <i>Scientific Reports</i> , 2018 , 8, 3055	4.9	33
16	Parental vitamin deficiency affects the embryonic gene expression of immune-, lipid transport- and apolipoprotein genes. <i>Scientific Reports</i> , 2016 , 6, 34535	4.9	24
15	Ontogenetic expression of maternal and zygotic genes in Atlantic cod embryos under ambient and thermally stressed conditions. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011 , 159, 196-205	2.6	24
14	The effect of micronutrient supplementation on growth and hepatic metabolism in diploid and triploid Atlantic salmon (<i>Salmo salar</i>) parr fed a low marine ingredient diet. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 227, 106-121	2.3	20
13	Higher dietary micronutrients are required to maintain optimal performance of Atlantic salmon (<i>Salmo salar</i>) fed a high plant material diet during the full production cycle. <i>Aquaculture</i> , 2020 , 528, 735551	4.4	15
12	Profiling DNA methylation patterns of zebrafish liver associated with parental high dietary arachidonic acid. <i>PLoS ONE</i> , 2019 , 14, e0220934	3.7	14
11	Micronutrient supplementation affects transcriptional and epigenetic regulation of lipid metabolism in a dose-dependent manner. <i>Epigenetics</i> , 2021 , 16, 1217-1234	5.7	9
10	Atlantic salmon fed a nutrient package of surplus methionine, vitamin B12, folic acid and vitamin B6 improved growth and reduced the relative liver size, but when in excess growth reduced. <i>Aquaculture Nutrition</i> , 2020 , 26, 477-489	3.2	8
9	Out-of-season spawning affects the nutritional status and gene expression in both Atlantic salmon female broodstock and their offspring. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020 , 247, 110717	2.6	7
8	Dietary taurine supplementation in plant protein based diets do not affect growth and reproductive performance of zebrafish. <i>Aquaculture Research</i> , 2018 , 49, 2013-2022	1.9	6
7	Parental Selenium Nutrition Affects the One-Carbon Metabolism and the Hepatic DNA Methylation Pattern of Rainbow Trout (<i>Oncorhynchus mykiss</i>) in the Progeny. <i>Life</i> , 2020 , 10,	3	5
6	The level of 1C diets fed prior to cell isolation affects lipid metabolism in primary liver cells isolated from Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture Nutrition</i> , 2020 , 26, 1019-1025	3.2	3
5	Metabolic and molecular signatures of improved growth in Atlantic salmon (<i>Salmo salar</i>) fed surplus levels of methionine, folic acid, vitamin B and B throughout smoltification. <i>British Journal of Nutrition</i> , 2021 , 1-14	3.6	1
4	Micronutrient supplementation affects DNA methylation in male gonads with potential intergenerational epigenetic inheritance involving the embryonic development through glutamate receptor-associated genes. <i>BMC Genomics</i> , 2022 , 23, 115	4.5	0
3	Long-term effect of parental selenium supplementation on the one-carbon metabolism in rainbow trout (<i>Oncorhynchus mykiss</i>) fry exposed to hypoxic stress. <i>British Journal of Nutrition</i> , 2021 , 1-12	3.6	0
2	The first mitochondrial 5-methylcytosine map in a non-model teleost (<i>Oreochromis niloticus</i>) reveals extensive strand-specific and non-CpG methylation. <i>Genomics</i> , 2021 , 113, 3050-3057	4.3	0
1	Nutritional epigenetics 2022 , 161-192		

