

# Kaja Helvik SkjÅrven

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9185150/publications.pdf>

Version: 2024-02-01

17  
papers

272  
citations

1039880

9  
h-index

940416

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic and molecular signatures of improved growth in Atlantic salmon ( <i>Salmo salar</i> ) fed surplus levels of methionine, folic acid, vitamin B <sub>6</sub> and B <sub>12</sub> throughout smoltification. <i>British Journal of Nutrition</i> , 2022, 127, 1289-1302.	1.2	6
2	Nutritional epigenetics. , 2022, , 161-192.		2
3	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.	1.2	5
4	Micronutrient supplementation affects transcriptional and epigenetic regulation of lipid metabolism in a dose-dependent manner. <i>Epigenetics</i> , 2021, 16, 1217-1234.	1.3	25
5	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.	1.2	1
6	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.	1.3	6
7	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.	1.1	14
8	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, 121.	1.1	9
9	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.	1.7	23
10	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 &amp; Integrative Physiology</i> , 2020, 247, 110717.	0.8	12
11	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.	1.1	6
12	Profiling DNA methylation patterns of zebrafish liver associated with parental high dietary arachidonic acid. <i>PLoS ONE</i> , 2019, 14, e0220934.	1.1	19
13	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.	0.7	24
14	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.	0.9	8
15	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.	1.6	50
16	Parental vitamin deficiency affects the embryonic gene expression of immune-, lipid transport- and apolipoprotein genes. <i>Scientific Reports</i> , 2016, 6, 34535.	1.6	37
17	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 &amp; Integrative Physiology</i> , 2011, 159, 196-205.	0.8	25