

Pu00e5l A Olsvik

List of Publications by Year in descending order

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141
papers

5,626
citations

81743

39
h-index

98622

67
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147
all docs

147
docs citations

147
times ranked

6418
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing novel shotgun DNA sequencing and state-of-the-art proteomics approaches for authentication of fish species in mixed samples. <i>Food Control</i> , 2022, 131, 108417.	2.8	8
2	Toxicological effects of 6PPD and 6PPD quinone in zebrafish larvae. <i>Journal of Hazardous Materials</i> , 2022, 424, 127623.	6.5	86
3	In vitro toxicity of glyphosate in Atlantic salmon evaluated with a 3D hepatocyte-kidney co-culture model. <i>Food and Chemical Toxicology</i> , 2022, 164, 113012.	1.8	5
4	Dietary chlorpyrifos-methyl exposure impair transcription of immune-, detoxification- and redox signaling genes in leukocytes isolated from cod (<i>Gadus morhua</i>). <i>Fish and Shellfish Immunology</i> , 2022, 127, 549-560.	1.6	1
5	Polycyclic aromatic hydrocarbons modulate the activity of Atlantic cod (<i>Gadus morhua</i>) vitamin D receptor paralogs in vitro. <i>Aquatic Toxicology</i> , 2021, 238, 105914.	1.9	4
6	Bioaccumulation of mercury and transcriptional responses in tusk (<i>Brosme brosme</i>), a deep-water fish from a Norwegian fjord. <i>Chemosphere</i> , 2021, 279, 130588.	4.2	9
7	Effects of mine tailing exposure on early life stages of cod (<i>Gadus morhua</i>) and haddock (<i>Melanogrammus aeglefinus</i>). <i>Environmental Research</i> , 2021, 200, 111447.	3.7	2
8	Ontogeny-Specific Skeletal Deformities in Atlantic Haddock Caused by Larval Oil Exposure. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
9	Effects of marine mine tailing exposure on the development, growth, and lipid accumulation in <i>Calanus finmarchicus</i> . <i>Chemosphere</i> , 2021, 282, 131051.	4.2	3
10	Exposure to low environmental copper concentrations does not affect survival and development in Atlantic cod (<i>Gadus morhua</i>) early life stages. <i>Toxicology Reports</i> , 2021, 8, 1909-1916.	1.6	0
11	Fluorescent Microplastic Uptake by Immune Cells of Atlantic Salmon (<i>Salmo salar</i> L.). <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	12
12	A transcriptomic analysis of diploid and triploid Atlantic salmon lenses with and without cataracts. <i>Experimental Eye Research</i> , 2020, 199, 108150.	1.2	6
13	Imaging Flow Cytometry Protocols for Examining Phagocytosis of Microplastics and Bioparticles by Immune Cells of Aquatic Animals. <i>Frontiers in Immunology</i> , 2020, 11, 203.	2.2	34
14	Mixture toxicity of chlorpyrifos-methyl, pirimiphos-methyl, and nonylphenol in Atlantic salmon (<i>Salmo salar</i>) hepatocytes. <i>Toxicology Reports</i> , 2020, 7, 547-558.	1.6	12
15	DNA damage and health effects in juvenile haddock (<i>Melanogrammus aeglefinus</i>) exposed to PAHs associated with oil-polluted sediment or produced water. <i>PLoS ONE</i> , 2020, 15, e0240307.	1.1	16
16	Effects of Agricultural Pesticides in Aquafeeds on Wild Fish Feeding on Leftover Pellets Near Fish Farms. <i>Frontiers in Genetics</i> , 2019, 10, 794.	1.1	28
17	Chlorpyrifos-induced dysfunction of lipid metabolism is not restored by supplementation of polyunsaturated fatty acids EPA and ARA in Atlantic salmon liver cells. <i>Toxicology in Vitro</i> , 2019, 61, 104655.	1.1	12
18	Associations Between Behavioral Effects of Bisphenol A and DNA Methylation in Zebrafish Embryos. <i>Frontiers in Genetics</i> , 2019, 10, 184.	1.1	49

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19	Offshore Crude Oil Disrupts Retinoid Signaling and Eye Development in Larval Atlantic Haddock. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	20
20	Transcriptional effects of dietary chlorpyrifos- <i>methyl</i> exposure in Atlantic salmon (<i>Salmo salar</i>) brain and liver. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 43-54.	0.4	18
21	Whole- <i>animal</i> accumulation, oxidative stress, transcriptomic and metabolomic responses in the pink shrimp (<sc><i>Pandalus montagui</i></sc>) exposed to teflubenzuron. <i>Journal of Applied Toxicology</i> , 2019, 39, 485-497.	1.4	12
22	Recommendations for dietary level of micro-minerals and vitamin D₃ to Atlantic salmon (<i>Salmo salar</i>) parr and post-smolt when fed low fish meal diets. <i>PeerJ</i> , 2019, 7, e6996.	0.9	23
23	Benzo(a)pyrene reduces osteoclast and osteoblast activity in ex-vivo scales of zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock of Applied Ichthyology, 2018, 34, 431-439.	0.3	10
24	Dietary pesticide chlorpyrifos- <i>methyl</i> affects arachidonic acid metabolism including phospholipid remodeling in Atlantic salmon (<i>Salmo salar</i> L.). <i>Aquaculture</i> , 2018, 484, 1-12.	1.7	29
25	Metabolic effects of p,p'- <i>DDE</i> on Atlantic salmon hepatocytes. <i>Journal of Applied Toxicology</i> , 2018, 38, 489-503.	1.4	15
26	Metabolic signatures of bisphenol A and genistein in Atlantic salmon liver cells. <i>Chemosphere</i> , 2017, 189, 730-743.	4.2	22
27	Impact of teflubenzuron on the rockpool shrimp (<i>Palaemon elegans</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 201, 35-43.	1.3	8
28	Sensitivity and toxic mode of action of dietary organic and inorganic selenium in Atlantic salmon (<i>Salmo salar</i>). <i>Aquatic Toxicology</i> , 2017, 192, 116-126.	1.9	55
29	In vitro toxicity of pirimiphos- <i>methyl</i> in Atlantic salmon hepatocytes. <i>Toxicology in Vitro</i> , 2017, 39, 1-14.	1.1	27
30	Multi-laboratory evaluation of a PCR method for detection of ruminant DNA in commercial processed animal proteins. <i>Food Control</i> , 2017, 73, 140-146.	2.8	8
31	Short-term starvation at low temperature prior to harvest does not impact the health and acute stress response of adult Atlantic salmon. <i>PeerJ</i> , 2017, 5, e3273.	0.9	47
32	Lens metabolomic profiling as a tool to understand cataractogenesis in Atlantic salmon and rainbow trout reared at optimum and high temperature. <i>PLoS ONE</i> , 2017, 12, e0175491.	1.1	20
33	Atlantic salmon (<i>Salmo salar</i>) require increased dietary levels of B-vitamins when fed diets with high inclusion of plant based ingredients. <i>PeerJ</i> , 2016, 4, e2493.	0.9	49
34	Antioxidant nutrition in Atlantic salmon (<i>Salmo salar</i>) parr and post-smolt, fed diets with high inclusion of plant ingredients and graded levels of micronutrients and selected amino acids. <i>PeerJ</i> , 2016, 4, e2688.	0.9	49
35	Î ² -naphthoflavone interferes with cyp1c1, cox2 and IL-8 gene transcription and leukotriene B4 secretion in Atlantic cod (<i>Gadus morhua</i>) head kidney cells during inflammation. <i>Fish and Shellfish Immunology</i> , 2016, 54, 128-134.	1.6	9
36	In vitro Assessment of Hg Toxicity in Hepatocytes from Heat-Stressed Atlantic Salmon. <i>Biological Trace Element Research</i> , 2016, 174, 226-239.	1.9	2

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37	Endocrine effects of real-life mixtures of persistent organic pollutants (POP) in experimental models and wild fish. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 538-548.	1.1	21
38	Transcriptional effects of metal-rich acid drainage water from the abandoned L��rken Mine on Atlantic salmon (<i>Salmo salar</i>) smolt. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 612-632.	1.1	3
39	Exposure of first-feeding cod larvae to dispersed crude oil results in similar transcriptional and metabolic responses as food deprivation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 558-571.	1.1	19
40	Omega-3 and alpha-tocopherol provide more protection against contaminants in novel feeds for Atlantic salmon (<i>Salmo salar</i> L.) than omega-6 and gamma tocopherol. <i>Toxicology Reports</i> , 2016, 3, 211-224.	1.6	20
41	Fish pre-acclimation temperature only modestly affects cadmium toxicity in Atlantic salmon hepatocytes. <i>Journal of Thermal Biology</i> , 2016, 57, 21-34.	1.1	25
42	Effects of mining chemicals on fish: exposure to tailings containing Lilaflof D817M induces CYP1A transcription in Atlantic salmon smolt. <i>BMC Research Notes</i> , 2015, 8, 389.	0.6	9
43	Rotifers enriched with iodine, copper and manganese had no effect on larval cod (<i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 46, 1793-1800.	0.9	6
44	The mining chemical Polydadmac is cytotoxic but does not interfere with Cu-induced toxicity in Atlantic salmon hepatocytes. <i>Toxicology in Vitro</i> , 2015, 30, 492-505.	1.1	3
45	Transcriptional responses to teflubenzuron exposure in European lobster (<i>Homarus gammarus</i>). <i>Aquatic Toxicology</i> , 2015, 167, 143-156.	1.9	21
46	Role of the GH-IGF-1 system in Atlantic salmon and rainbow trout postsmolts at elevated water temperature. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 188, 127-138.	0.8	34
47	Impact of dietary selenium on methylmercury toxicity in juvenile Atlantic cod: A transcriptional survey. <i>Chemosphere</i> , 2015, 120, 199-205.	4.2	12
48	Modifying Effects of Vitamin E on Chlorpyrifos Toxicity in Atlantic Salmon. <i>PLoS ONE</i> , 2015, 10, e0119250.	1.1	43
49	Dietary histidine requirement to reduce the risk and severity of cataracts is higher than the requirement for growth in Atlantic salmon smolts, independently of the dietary lipid source. <i>British Journal of Nutrition</i> , 2014, 111, 1759-1772.	1.2	48
50	Precision-cut liver slices of Atlantic cod (<i>Gadus morhua</i>): An in vitro system for studying the effects of environmental contaminants. <i>Aquatic Toxicology</i> , 2014, 153, 110-115.	1.9	27
51	Toxicological effect of single contaminants and contaminant mixtures associated with plant ingredients in novel salmon feeds. <i>Toxicology Letters</i> , 2014, 229, S212-S213.	0.4	0
52	Toxicological effect of single contaminants and contaminant mixtures associated with plant ingredients in novel salmon feeds. <i>Food and Chemical Toxicology</i> , 2014, 73, 157-174.	1.8	48
53	Aryl hydrocarbon receptor protein and Cyp1A1 gene induction by LPS and phenanthrene in Atlantic cod (<i>Gadus morhua</i>) head kidney cells. <i>Fish and Shellfish Immunology</i> , 2014, 40, 384-391.	1.6	19
54	Transcriptional responses in Atlantic salmon (<i>Salmo salar</i>) exposed to deltamethrin, alone or in combination with azamethiphos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 162, 23-33.	1.3	18

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55	Thermal stress alters expression of genes involved in one carbon and DNA methylation pathways in Atlantic cod embryos. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 173, 17-27.	0.8	39
56	Impacts of TCDD and MeHg on DNA methylation in zebrafish (<i>Danio rerio</i>) across two generations. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 165, 17-27.	1.3	55
57	Ontogeny of redox regulation in Atlantic cod (<i>Gadus morhua</i>) larvae. <i>Free Radical Biology and Medicine</i> , 2014, 73, 337-348.	1.3	18
58	Effect of different dietary vitamin B ₁₂ levels on their retention in the body of zebrafish <i>Danio rerio</i> and on the gene expression of vitamin B ₁₂ binding proteins. <i>Aquaculture Nutrition</i> , 2013, 19, 413-420.	1.1	14
59	Redox regulation in Atlantic cod (<i>Gadus morhua</i>) embryos developing under normal and heat-stressed conditions. <i>Free Radical Biology and Medicine</i> , 2013, 57, 29-38.	1.3	30
60	Global transcriptome analysis of Atlantic cod (<i>Gadus morhua</i>) liver after in vivo methylmercury exposure suggests effects on energy metabolism pathways. <i>Aquatic Toxicology</i> , 2013, 126, 314-325.	1.9	51
61	The need for transparency and good practices in the qPCR literature. <i>Nature Methods</i> , 2013, 10, 1063-1067.	9.0	251
62	Transcriptional responses to temperature and low oxygen stress in Atlantic salmon studied with next-generation sequencing technology. <i>BMC Genomics</i> , 2013, 14, 817.	1.2	97
63	Mercury contamination in deep-water fish: Transcriptional responses in tusk (<i>Brosme brosme</i>) from a fjord gradient. <i>Aquatic Toxicology</i> , 2013, 144-145, 172-185.	1.9	16
64	Transcriptional profiling in burbot (<i>Lota lota</i>) from Lake Mjøsa, a Norwegian Lake contaminated by several organic pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 94-103.	2.9	15
65	Effects of oil pollution and persistent organic pollutants (POPs) on glycerophospholipids in liver and brain of male Atlantic cod (<i>Gadus morhua</i>). <i>Chemosphere</i> , 2013, 90, 2157-2171.	4.2	28
66	Sublethal effects in Atlantic salmon (<i>Salmo salar</i>) exposed to mixtures of copper, aluminium and gamma radiation. <i>Journal of Environmental Radioactivity</i> , 2013, 121, 33-42.	0.9	14
67	Toxicological assessment of the anti-salmon lice drug diflubenzuron on Atlantic cod <i>Gadus morhua</i> . <i>Diseases of Aquatic Organisms</i> , 2013, 105, 27-43.	0.5	27
68	Toxic effects of dietary hydrolysed lipids: an in vivo study on fish larvae. <i>British Journal of Nutrition</i> , 2013, 109, 1071-1081.	1.2	6
69	Exploring Early Micronutrient Deficiencies in Rainbow Trout (<i>Oncorhynchus mykiss</i>) by Next-Generation Sequencing Technology – From Black Box to Functional Genomics. <i>PLoS ONE</i> , 2013, 8, e69461.	1.1	16
70	Effect of Marine Omega 3 Fatty Acids on Methylmercury-Induced Toxicity in Fish and Mammalian Cells <i>In Vitro</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-13.	3.0	23
71	Dietary methylmercury alters the proteome in Atlantic salmon (<i>Salmo salar</i>) kidney. <i>Aquatic Toxicology</i> , 2012, 108, 70-77.	1.9	22
72	Endocrine and hepatic detoxification responses to environmental stress in wild cod (<i>Gadus morhua</i>) of Trondheim Harbor, Norway. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, S37-S38.	0.8	0

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73	Pathogen recognition and mechanisms in Atlantic cod (<i>Gadus morhua</i>) head kidney cells. <i>Fish and Shellfish Immunology</i> , 2012, 33, 267-276.	1.6	30
74	Is chemically dispersed oil more toxic to Atlantic cod (<i>Gadus morhua</i>) larvae than mechanically dispersed oil? A transcriptional evaluation. <i>BMC Genomics</i> , 2012, 13, 702.	1.2	40
75	Differences in Salinity Tolerance and Gene Expression Between Two Populations of Atlantic Cod (<i>Gadus morhua</i>) in Response to Salinity Stress. <i>Biochemical Genetics</i> , 2012, 50, 454-466.	0.8	43
76	Low impact of exposure to environmentally relevant doses of 226Ra in Atlantic cod (<i>Gadus morhua</i>) embryonic cells. <i>Journal of Environmental Radioactivity</i> , 2012, 109, 84-93.	0.9	14
77	Hepatic in vitro toxicity assessment of PBDE congeners BDE47, BDE153 and BDE154 in Atlantic salmon (<i>Salmo salar</i> L.). <i>Aquatic Toxicology</i> , 2011, 105, 246-263.	1.9	31
78	Transcriptional evidence for low contribution of oil droplets to acute toxicity from dispersed oil in first feeding Atlantic cod (<i>Gadus morhua</i>) larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 333-345.	1.3	40
79	Susceptibility of Atlantic salmon lenses to hydrogen peroxide oxidation ex vivo after being fed diets with vegetable oil and methylmercury. <i>Experimental Eye Research</i> , 2011, 92, 414-424.	1.2	28
80	Dietary lipids modulate methylmercury toxicity in Atlantic salmon. <i>Food and Chemical Toxicology</i> , 2011, 49, 3258-3271.	1.8	28
81	Development of a co-culture model for in vitro toxicological studies in Atlantic salmon. <i>Toxicology in Vitro</i> , 2011, 25, 1143-1152.	1.1	4
82	Expression of genes regulating protein metabolism in Atlantic cod (<i>Gadus morhua</i> L.) was altered when including high diet levels of plant proteins. <i>Aquaculture Nutrition</i> , 2011, 17, 33-43.	1.1	8
83	Hepatic oxidative stress in Atlantic salmon (<i>Salmo salar</i> L.) transferred from a diet based on marine feed ingredients to a diet based on plant ingredients. <i>Aquaculture Nutrition</i> , 2011, 17, e424-e436.	1.1	55
84	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.	0.8	25
85	Transcriptional responses in juvenile Atlantic cod (<i>Gadus morhua</i>) after exposure to mercury-contaminated sediments obtained near the wreck of the German WW2 submarine U-864, and from Bergen Harbor, Western Norway. <i>Chemosphere</i> , 2011, 83, 552-563.	4.2	40
86	Effects of short-term starvation on ghrelin, GH-IGF system, and IGF-binding proteins in Atlantic salmon. <i>Fish Physiology and Biochemistry</i> , 2011, 37, 217-232.	0.9	89
87	Characterisation and expression of secretory phospholipase A2 group IB during ontogeny of Atlantic cod (<i>Gadus morhua</i>). <i>British Journal of Nutrition</i> , 2011, 105, 228-237.	1.2	22
88	Transcriptional Effects of Dietary Exposure of Oil-Contaminated <i>Calanus finmarchicus</i> in Atlantic Herring (<i>Clupea harengus</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 508-528.	1.1	8
89	Effects of combined β -irradiation and metal (Al+Cd) exposures in Atlantic salmon (<i>Salmo salar</i> L.). <i>Journal of Environmental Radioactivity</i> , 2010, 101, 230-236.	0.9	36
90	Optimisation of gene expression analysis in Atlantic salmon lenses by refining sampling strategy and tissue storage. <i>Fish Physiology and Biochemistry</i> , 2010, 36, 1217-1225.	0.9	4

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91	Characterization and expression of digestive neutral lipases during ontogeny of Atlantic cod (<i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Overbo 2010, 157, 252-259.	0.8	54
92	Reducing persistent organic pollutants while maintaining long chain omega-3 fatty acid in farmed Atlantic salmon using decontaminated fish oils for an entire production cycle. <i>Chemosphere</i> , 2010, 81, 242-252.	4.2	58
93	Endosulfan in vitro toxicity in Atlantic salmon hepatocytes obtained from fish fed either fish oil or vegetable oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 175-186.	1.3	17
94	Toxicological application of primary hepatocyte cell cultures of Atlantic cod (<i>Gadus morhua</i>) " Effects of BNF, PCDD and Cd. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 401-411.	1.3	17
95	Oxidative stress responses in rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes exposed to pro-oxidants and a complex environmental sample. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 431-438.	1.3	10
96	MIQE pr"cis: Practical implementation of minimum standard guidelines for fluorescence-based quantitative real-time PCR experiments. <i>BMC Molecular Biology</i> , 2010, 11, 74.	3.0	563
97	Effects of the fungicide azoxystrobin on Atlantic salmon (<i>Salmo salar</i> L.) smolt. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1852-1861.	2.9	60
98	Increasing the level of selenium in rotifers (<i>Brachionus plicatilis</i> "Cayman"™) enhances the mRNA expression and activity of glutathione peroxidase in cod (<i>Gadus morhua</i> L.) larvae. <i>Aquaculture</i> , 2010, 306, 259-269.	1.7	59
99	Transcriptional effects on glutathione S-transferases in first feeding Atlantic cod (<i>Gadus morhua</i>) larvae exposed to crude oil. <i>Chemosphere</i> , 2010, 79, 905-913.	4.2	40
100	Long-term exposure of Atlantic cod (<i>Gadus morhua</i>) to components of produced water: condition, gonad maturation, and gene expression. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 1685-1698.	0.7	20
101	Are Atlantic Cod in Store Lungeg"rdsvann, a Seawater Recipient in Bergen, Affected by Environmental Contaminants? A qRT-PCR Survey. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 140-154.	1.1	14
102	Effects of atrazine on hepatic metabolism and endocrine homeostasis in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Toxicology and Applied Pharmacology</i> , 2009, 234, 98-106.	1.3	64
103	Characterization of an Atlantic cod (<i>Gadus morhua</i>) embryonic stem cell cDNA library. <i>BMC Research Notes</i> , 2009, 2, 74.	0.6	4
104	Intestinal cellular localization of PCNA protein and CYP1A mRNA in Atlantic salmon <i>Salmo salar</i> L. exposed to a model toxicant. <i>BMC Physiology</i> , 2009, 9, 3.	3.6	33
105	Gene expression of fatty acid-binding proteins, fatty acid transport proteins (cd36 and FATP) and "2-oxidation-related genes in Atlantic salmon (<i>Salmo salar</i> L.) fed fish oil or vegetable oil. <i>Aquaculture Nutrition</i> , 2009, 15, 440-451.	1.1	96
106	Effects of environmental relevant doses of pollutants from offshore oil production on Atlantic cod (<i>Gadus morhua</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 141-149.	1.3	14
107	GENE EXPRESSION PROFILING IN ATLANTIC COD (<i>GADUS MORHUA</i> L.) FROM TWO CONTAMINATED SITES USING A CUSTOM-MADE cDNA MICROARRAY. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1711.	2.2	31
108	Evaluation of candidate reference genes in Q-PCR studies of Atlantic cod (<i>Gadus morhua</i>) ontogeny, with emphasis on the gastrointestinal tract. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 152, 94-101.	0.7	31

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109	Stress-induced expression of protein disulfide isomerase associated 3 (PDIA3) in Atlantic salmon (<i>Salmo salar</i> L.). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 154, 435-442.	0.7	29
110	Transcriptional effects of nonylphenol, bisphenol A and PBDE-47 in liver of juvenile Atlantic cod (<i>Gadus morhua</i>). <i>Chemosphere</i> , 2009, 75, 360-367.	4.2	45
111	Factorial design applied for multiple endpoint toxicity evaluation in Atlantic salmon (<i>Salmo salar</i> L.) hepatocytes. <i>Toxicology in Vitro</i> , 2009, 23, 1455-1464.	1.1	24
112	Genome-wide transcription analysis of histidine-related cataract in Atlantic salmon (<i>Salmo salar</i> L.). <i>Molecular Vision</i> , 2009, 15, 1332-50.	1.1	15
113	Pharmacokinetics and transcriptional effects of the anti-salmon lice drug emamectin benzoate in Atlantic salmon (<i>Salmo salar</i> L.). <i>BMC Pharmacology</i> , 2008, 8, 16.	0.4	21
114	Interpopulation differences in expression of candidate genes for salinity tolerance in winter migrating anadromous brown trout (<i>Salmo trutta</i> L.). <i>BMC Genetics</i> , 2008, 9, 12.	2.7	44
115	Transcriptional effects of PFOS in isolated hepatocytes from Atlantic salmon <i>Salmo salar</i> L.. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 14-22.	1.3	44
116	Selection of reference genes for qRT-PCR examination of wild populations of Atlantic cod <i>Gadus morhua</i> . <i>BMC Research Notes</i> , 2008, 1, 47.	0.6	79
117	The impact of different water gas levels on cataract formation, muscle and lens free amino acids, and lens antioxidant enzymes and heat shock protein mRNA abundance in smolting Atlantic salmon, <i>Salmo salar</i> L.. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 149, 396-404.	0.8	16
118	Novel production of Atlantic salmon (<i>Salmo salar</i>) protein based on combined replacement of fish meal and fish oil with plant meal and vegetable oil blends. <i>Aquaculture</i> , 2008, 285, 193-200.	1.7	211
119	The partial pressure of oxygen affects biomarkers of oxidative stress in cultured rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes. <i>Toxicology in Vitro</i> , 2008, 22, 1657-1661.	1.1	12
120	Induction and activity of oxidative stress-related proteins during waterborne Cd/Zn-exposure in brown trout (<i>Salmo trutta</i>). <i>Chemosphere</i> , 2007, 67, 2241-2249.	4.2	80
121	Gene-expression profiling in gill and liver of zebrafish exposed to produced water. <i>International Journal of Environmental Analytical Chemistry</i> , 2007, 87, 195-210.	1.8	16
122	Do anesthetics and sampling strategies affect transcription analysis of fish tissues?. <i>BMC Molecular Biology</i> , 2007, 8, 48.	3.0	20
123	Spatial transcription of CYP1A in fish liver. <i>BMC Physiology</i> , 2007, 7, 12.	3.6	28
124	Evaluation of stress- and immune-response biomarkers in Atlantic salmon, <i>Salmo salar</i> L., fed different levels of genetically modified maize (Bt maize), compared with its near-isogenic parental line and a commercial suprex maize. <i>Journal of Fish Diseases</i> , 2007, 30, 201-212.	0.9	64
125	Effects of complete replacement of fish oil with plant oil on gastrointestinal cell death, proliferation and transcription of eight genes TM encoding proteins responding to cellular stress in Atlantic salmon <i>Salmo salar</i> L.. <i>Journal of Fish Biology</i> , 2007, 71, 550-568.	0.7	30
126	Lysine intake affects gene expression of anabolic hormones in atlantic salmon, <i>Salmo salar</i> . <i>General and Comparative Endocrinology</i> , 2007, 152, 39-46.	0.8	81

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127	GILL METAL BINDING AND STRESS GENE TRANSCRIPTION IN BROWN TROUT (SALMO TRUTTA) EXPOSED TO METAL ENVIRONMENTS: THE EFFECT OF PRE-EXPOSURE IN NATURAL POPULATIONS. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 944.	2.2	38
128	Myosin heavy chain mRNA expression correlates higher with muscle protein accretion than growth in Atlantic salmon, <i>Salmo salar</i> . <i>Aquaculture</i> , 2006, 252, 453-461.	1.7	57
129	Antioxidative stress proteins and their gene expression in brown trout (<i>Salmo trutta</i>) from three rivers with different heavy metal levels. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 263-274.	1.3	109
130	Induction and activity of oxidative stress-related proteins during waterborne Cu-exposure in brown trout (<i>Salmo trutta</i>). <i>Chemosphere</i> , 2006, 65, 1707-1714.	4.2	59
131	The inclusion of plant protein in cod diets, its effects on macronutrient digestibility, gut and liver histology and heat shock protein transcription. <i>Aquaculture Research</i> , 2006, 37, 773-784.	0.9	56
132	Effects of hypo- and hyperoxia on transcription levels of five stress genes and the glutathione system in liver of Atlantic cod <i>Gadus morhua</i> . <i>Journal of Experimental Biology</i> , 2006, 209, 2893-2901.	0.8	77
133	Evaluation of potential reference genes in real-time RT-PCR studies of Atlantic salmon. <i>BMC Molecular Biology</i> , 2005, 6, 21.	3.0	493
134	mRNA expression of antioxidant enzymes (SOD, CAT and GSH-Px) and lipid peroxidative stress in liver of Atlantic salmon (<i>Salmo salar</i>) exposed to hyperoxic water during smoltification. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 314-323.	1.3	124
135	Metallothioneins from horse kidney studied by separation with capillary zone electrophoresis below and above the isoelectric points. <i>Talanta</i> , 2002, 57, 707-720.	2.9	16
136	Evidence for oligomerization of metallothioneins in their functional state. <i>Journal of Chromatography A</i> , 2002, 979, 249-254.	1.8	27
137	Metal accumulation and metallothionein in brown trout, <i>Salmo trutta</i> , from two Norwegian rivers differently contaminated with Cd, Cu and Zn. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001, 128, 189-201.	1.3	23
138	Variations in heavy metal concentrations and speciation in two mining-polluted streams in central Norway. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 978-984.	2.2	18
139	Brown trout (<i>Salmo trutta</i>) metallothioneins as biomarkers for metal exposure in two Norwegian rivers. <i>Biomarkers</i> , 2001, 6, 274-288.	0.9	31
140	Metal accumulation and metallothionein in two populations of brown trout, <i>Salmo trutta</i> , exposed to different natural water environments during a run-off episode. <i>Aquatic Toxicology</i> , 2000, 50, 301-316.	1.9	57
141	Metallothionein isoforms from horse, rabbit and rat separated by capillary zone electrophoresis at low pH. <i>Talanta</i> , 1998, 46, 291-300.	2.9	12