# Augustine Arukwe

## List of Publications by Year in descending order



| | | | |
|---|---|---|---|
| 168 papers | 6,385 citations | 61984 43 h-index | 102487 66 g-index |
| 175 all docs | 175 docs citations | 175 times ranked | 6208 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Element concentrations, histology and serum biochemistry of arctic char (Salvelinus alpinus) and shorthorn sculpins (Myoxocephalus scorpius) in northwest Greenland. Environmental Research, 2022, 208, 112742. | 7.5 | 1 |
| 2 | Application of quantitative transcriptomics in evaluating the ex vivo effects of per- and polyfluoroalkyl substances on Atlantic cod (Gadus morhua) ovarian physiology. Science of the Total Environment, 2021, 755, 142904. | 8.0 | 11 |
| 3 | Alteration of neuro-dopamine and steroid hormone homeostasis in wild Bank voles in relation to tissue concentrations of PFAS at a Nordic skiing area. Science of the Total Environment, 2021, 756, 143745. | 8.0 | 15 |
| 4 | Toxicity assessment of Lemna solid waste dumpsite (Calabar, Nigeria) using different extraction methods and toxicological responses of PLHC-1 cells. Environmental Toxicology and Pharmacology, 2021, 82, 103554. | 4.0 | 4 |
| 5 | Toxicity and developmental effects of Arctic fuel oil types on early life stages of Atlantic cod (Gadus) Tj ETQq1 1 0.784314 rgBT /Over | 4.0 | 12 |
| 6 | Estrogenicity of chemical mixtures revealed by a panel of bioassays. Science of the Total Environment, 2021, 785, 147284. | 8.0 | 19 |
| 7 | Effects of an environmentally relevant PFAS mixture on dopamine and steroid hormone levels in exposed mice. Toxicology and Applied Pharmacology, 2021, 428, 115670. | 2.8 | 31 |
| 8 | Sex-differences in physiological and oxidative stress responses and heavy metals burden in the black jaw tilapia, Sarotherodon melanotheron from a tropical freshwater dam (Nigeria). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 229, 108676. | 2.6 | 15 |
| 9 | Quality screening of the Lagos lagoon sediment by assessing the cytotoxicity and toxicological responses of rat hepatoma H4IIE and fish PLHC-1 cell-lines using different extraction approaches. Environmental Research, 2020, 182, 108986. | 7.5 | 10 |
| 10 | Contaminant levels and endocrine disruptive effects in Clarias gariepinus exposed to simulated leachate from a solid waste dumpsite in Calabar, Nigeria. Aquatic Toxicology, 2020, 219, 105375. | 4.0 | 18 |
| 11 | Quantitative transcriptomics, and lipidomics in evaluating ovarian developmental effects in Atlantic cod (Gadus morhua) caged at a capped marine waste disposal site. Environmental Research, 2020, 189, 109906. | 7.5 | 7 |
| 12 | Novel organ-specific effects of Ketoprofen and its enantiomer, dexketoprofen on toxicological response transcripts and their functional products in salmon. Aquatic Toxicology, 2020, 229, 105677. | 4.0 | 4 |
| 13 | Detection and occurrence of microplastics in the stomach of commercial fish species from a municipal water supply lake in southwestern Nigeria. Environmental Science and Pollution Research, 2020, 27, 31035-31045. | 5.3 | 53 |
| 14 | Special issue on challenges in emerging environmental contaminants CEEC19. Environmental Science and Pollution Research, 2020, 27, 30903-30906. | 5.3 | 2 |
| 15 | Effects of human chorionic gonadotropin and gonadotropin releasing hormone analogue on plasma steroid hormones and spawning performances in golden rabbitfish Siganus guttatus. Journal of Applied Ichthyology, 2020, 36, 212-218. | 0.7 | 0 |
| 16 | Biotransformation and oxidative stress responses in relation to tissue contaminant burden in Clarias gariepinus exposed to simulated leachate from a solid waste dumpsite in Calabar, Nigeria. Chemosphere, 2020, 253, 126630. | 8.2 | 9 |
| 17 | Biochemical and endocrine-disrupting effects in Clarias gariepinus exposed to the synthetic pyrethroids, cypermethrin and deltamethrin. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 225, 108584. | 2.6 | 22 |
| 18 | Levels, Patterns, and Biomagnification Potential of Perfluoroalkyl Substances in a Terrestrial Food Chain in a Nordic Skiing Area. Environmental Science & Technology, 2019, 53, 13390-13397. | 10.0 | 43 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ultrasound as a noninvasive tool for monitoring reproductive physiology in male Atlantic salmon (Salmo salar). Physiological Reports, 2019, 7, e14167. | 1.7 | 5 |
| 20 | Modulation of Neuro-Dopamine Homeostasis in Juvenile Female Atlantic Cod (Gadus morhua) Exposed to Polycyclic Aromatic Hydrocarbons and Perfluoroalkyl Substances. Environmental Science & Technology, 2019, 53, 7036-7044. | 10.0 | 21 |
| 21 | Effects of water accommodated fraction of physically and chemically dispersed heavy fuel oil on beach spawning capelin (Mallotus villosus). Marine Environmental Research, 2019, 147, 62-71. | 2.5 | 10 |
| 22 | Biotransformation and oxidative stress responses in rat hepatic cell-line (H4IIE) exposed to organophosphate esters (OPEs). Toxicology and Applied Pharmacology, 2019, 371, 84-94. | 2.8 | 26 |
| 23 | Contaminant accumulation and biological responses in Atlantic cod (Gadus morhua) caged at a capped waste disposal site in KollevÃ¥g, Western Norway. Marine Environmental Research, 2019, 145, 39-51. | 2.5 | 25 |
| 24 | Assessing the effects of Awba dam sediment (Nigeria) on the steroidogenesis of H295R cells using different extraction methods. Science of the Total Environment, 2019, 650, 121-131. | 8.0 | 9 |
| 25 | Xenobiotic biotransformation, oxidative stress and obesogenic molecular biomarker responses in Tilapia guineensis from Eleyele Lake, Nigeria. Ecotoxicology and Environmental Safety, 2019, 169, 255-265. | 6.0 | 23 |
| 26 | The intersex phenomenon in Sarotherodon melanotheron from Lagos lagoon (Nigeria): Occurrence and severity in relation to contaminants burden in sediment. Environmental Pollution, 2019, 244, 747-756. | 7.5 | 17 |
| 27 | Deregulation of microRNAâ€155 and its transcription factor NFâ€kB by polychlorinated biphenyls during viral infections. Apmis, 2018, 126, 234-240. | 2.0 | 14 |
| 28 | Hepatic phase I and II biotransformation responses and contaminant exposure in long-finned pilot whales from the Northeastern Atlantic. Marine Environmental Research, 2018, 134, 44-54. | 2.5 | 10 |
| 29 | Biotransformation and oxidative stress responses in rat hepatic cell-line (H4IIE) exposed to racemic ketoprofen (RS-KP) and its enantiomer, dexketoprofen (S(+)-KP). Environmental Toxicology and Pharmacology, 2018, 59, 199-207. | 4.0 | 6 |
| 30 | Novel aspects of uptake patterns, metabolite formation and toxicological responses in Salmon exposed to the organophosphate estersâ€"Tris(2-butoxyethyl)- and tris(2-chloroethyl) phosphate. Aquatic Toxicology, 2018, 196, 146-153. | 4.0 | 19 |
| 31 | Properties and activities of blood- or seawater-contaminated wild-caught Striped Jewfish (Stereolepis doederleini) sperm. Aquaculture Research, 2018, 49, 900-907. | 1.8 | 1 |
| 32 | Hazardous properties and toxicological update of mercury: From fish food to human health safety perspective. Critical Reviews in Food Science and Nutrition, 2018, 58, 1986-2001. | 10.3 | 69 |
| 33 | Ecotoxicological properties of ketoprofen and the S(+)â€enantiomer (dexketoprofen): Bioassays in freshwater model species and biomarkers in fish PLHCâ€1 cell line. Environmental Toxicology and Chemistry, 2018, 37, 201-212. | 4.3 | 22 |
| 34 | Ultrasound as a noninvasive tool for monitoring reproductive physiology in female Atlantic salmon (Salmo salar ). Physiological Reports, 2018, 6, e13640. | 1.7 | 11 |
| 35 | Endocrine disruptor responses in African sharptooth catfish (Clarias gariepinus) exposed to di-(2-ethylhexyl)-phthalate. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 213, 7-18. | 2.6 | 19 |
| 36 | Gross pathology, physiological and toxicological responses in relation to metals and persistent organic pollutants (POPs) burden in tilapia species from Ogun River, Nigeria. Marine Environmental Research, 2017, 129, 245-257. | 2.5 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Oxidative stress responses in relationship to persistent organic pollutant levels in feathers and blood of two predatory bird species from Pakistan. Science of the Total Environment, 2017, 580, 26-33. | 8.0 | 28 |
| 38 | Biphasic modulation of neuro- and interrenal steroidogenesis in juvenile African sharptooth catfish (Clarias gariepinus) exposed to waterborne di-(2-ethylhexyl) phthalate. General and Comparative Endocrinology, 2017, 254, 22-37. | 1.8 | 13 |
| 39 | Symposium theme: Integrated solutions for sustainable environmental health. Marine Environmental Research, 2016, 121, 1. | 2.5 | 0 |
| 40 | Articles stemming from PRIMO 18 symposium with theme: Integrated solutions for sustainable environmental health. Aquatic Toxicology, 2016, 176, 217-218. | 4.0 | 0 |
| 41 | Differential modulation of neuro- and interrenal steroidogenesis of juvenile salmon by the organophosphates - tris(2-butoxyethyl)- and tris(2-cloroethyl) phosphate. Environmental Research, 2016, 148, 63-71. | 7.5 | 23 |
| 42 | Gonado-histopathological changes, intersex and endocrine disruptor responses in relation to contaminant burden in Tilapia species from Ogun River, Nigeria. Chemosphere, 2016, 164, 248-262. | 8.2 | 27 |
| 43 | Lipid peroxidation and oxidative stress responses in juvenile salmon exposed to waterborne levels of the organophosphate compounds tris(2-butoxyethyl)- and tris(2-chloroethyl) phosphates. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 515-525. | 2.3 | 24 |
| 44 | Concentration of polychlorinated biphenyl (PCB) congeners in the muscle of Clarias gariepinus and sediment from inland rivers of southwestern Nigeria and estimated potential human health consequences. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 969-983. | 2.3 | 13 |
| 45 | Peroxisome proliferator-activated receptors and biotransformation responses in relation to condition factor and contaminant burden in tilapia species from Ogun River, Nigeria. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 183-184, 7-19. | 2.6 | 14 |
| 46 | Developmental alterations and endocrine-disruptive responses in farmed Nile crocodiles () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td Toxicology, 2016, 173, 83-93. | 4.0 | 13 |
| 47 | Fish condition factor, peroxisome proliferator activated receptors and biotransformation responses in Sarotherodon melanotheron from a contaminated freshwater dam (Awba Dam) in Ibadan, Nigeria. Marine Environmental Research, 2016, 121, 74-86. | 2.5 | 22 |
| 48 | Endocrine-disruptor molecular responses, occurrence of intersex and gonado-histopathological changes in tilapia species from a tropical freshwater dam (Awba Dam) in Ibadan, Nigeria. Aquatic Toxicology, 2016, 174, 10-21. | 4.0 | 40 |
| 49 | Tri-m-cresyl phosphate and PPAR/LXR interactions in seabream hepatocytes: revealed by computational modeling (docking) and transcriptional regulation of signaling pathways. Toxicology Research, 2016, 5, 471-481. | 2.1 | 16 |
| 50 | Intersex and alterations in reproductive development of a cichlid, Tilapia guineensis , from a municipal domestic water supply lake (Eleyele) in Southwestern Nigeria. Science of the Total Environment, 2016, 541, 372-382. | 8.0 | 39 |
| 51 | Biotransformation and Oxidative Stress Responses in Captive Nile Crocodile (Crocodylus niloticus) Exposed to Organic Contaminants from the Natural Environment in South Africa. PLoS ONE, 2015, 10, e0130002. | 2.5 | 27 |
| 52 | Effects of Diisodecyl Phthalate on PPAR:RXR-Dependent Gene Expression Pathways in Sea Bream Hepatocytes. Chemical Research in Toxicology, 2015, 28, 935-947. | 3.3 | 42 |
| 53 | Occurrence, Species, and Organ Differences in Bioaccumulation Patterns of Phthalate Esters in Municipal Domestic Water Supply Lakes in Ibadan, Nigeria. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 761-777. | 2.3 | 23 |
| 54 | Environmental occurrence and biota concentration of phthalate esters in Epe and Lagos Lagoons, Nigeria. Marine Environmental Research, 2015, 108, 24-32. | 2.5 | 54 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Endocrine, biotransformation, and oxidative stress responses in salmon hepatocytes exposed to chemically induced hypoxia and perfluorooctane sulfonamide (PFOSA), given singly or in combination. Environmental Science and Pollution Research, 2015, 22, 17350-17366. | 5.3 | 8 |
| 56 | Mixtures of Chemical Pollutants at European Legislation Safety Concentrations: How Safe Are They?. Toxicological Sciences, 2014, 141, 218-233. | 3.1 | 108 |
| 57 | The effects on steroidogenesis and histopathology of adult male Japanese quails (Coturnix coturnix) Tj ETQq1 1 0.784314 rgBT /Overlo Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 166, 24-33. | 2.6 | 16 |
| 58 | Effects of elevated dissolved carbon dioxide and perfluorooctane sulfonic acid, given singly and in combination, on steroidogenic and biotransformation pathways of Atlantic cod. Aquatic Toxicology, 2014, 155, 222-235. | 4.0 | 19 |
| 59 | Effects on Development, Growth Responses and Thyroid-Hormone Systems in Eyed-Eggs and Yolk-Sac Larvae of Atlantic Salmon (Salmo salar) Continuously Exposed to 3,3â€²,4,4â€²-Tetrachlorobiphenyl (PCB-77). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 574-586. | 2.3 | 18 |
| 60 | Modulation of Membrane Lipid Composition and Homeostasis in Salmon Hepatocytes Exposed to Hypoxia and Perfluorooctane Sulfonamide, Given Singly or in Combination. PLoS ONE, 2014, 9, e102485. | 2.5 | 17 |
| 61 | Effects of dopamine 2 receptor antagonist on sex steroid levels, oocyte maturation and spawning performances in Waigieu seaperch (Psammoperca waigiensis). Fish Physiology and Biochemistry, 2013, 39, 403-411. | 2.3 | 4 |
| 62 | Effect of reduced food intake on toxicokinetics of halogenated organic contaminants in herring gull (Larus argentatus) chicks. Environmental Toxicology and Chemistry, 2013, 32, 156-164. | 4.3 | 14 |
| 63 | Changes in morphometry and association between whole-body fatty acids and steroid hormone profiles in relation to bioaccumulation patterns in salmon larvae exposed to perfluorooctane sulfonic or perfluorooctane carboxylic acids. Aquatic Toxicology, 2013, 130-131, 219-230. | 4.0 | 17 |
| 64 | Transcriptional and catalytic responses of antioxidant and biotransformation pathways in mussels, Mytilus galloprovincialis, exposed to chemical mixtures. Aquatic Toxicology, 2013, 134-135, 120-127. | 4.0 | 67 |
| 65 | Mitochondrial <scp>DNA</scp> inference between European populations of Tanymastix stagnalis and their glacial survival in Scandinavia. Ecology and Evolution, 2013, 3, 3868-3878. | 1.9 | 10 |
| 66 | Acetylcholinesterase activity in juvenileCiona intestinalis(Ascidiacea, Urochordata) after exposure to tributyltin. Caryologia, 2012, 65, 18-26. | 0.3 | 13 |
| 67 | Solid waste deposits as a significant source of contaminants of emerging concern to the aquatic and terrestrial environments â€" A developing country case study from Owerri, Nigeria. Science of the Total Environment, 2012, 438, 94-102. | 8.0 | 64 |
| 68 | Estrogen receptor-hijacking by dioxin-like 3,3â€²4,4â€²,5-pentachlorobiphenyl (PCB126) in salmon hepatocytes involves both receptor activation and receptor protein stability. Aquatic Toxicology, 2012, 124-125, 197-208. | 4.0 | 14 |
| 69 | Preliminary identification and quantification of steroid hormones in the red palm weevil, Rhynchophorus ferrugineus. Caryologia, 2012, 65, 121-125. | 0.3 | 0 |
| 70 | Perfluorooctane Sulfonamide-Mediated Modulation of Hepatocellular Lipid Homeostasis and Oxidative Stress Responses in Atlantic Salmon Hepatocytes. Chemical Research in Toxicology, 2012, 25, 1253-1264. | 3.3 | 21 |
| 71 | Endocrine and developmental effects in Atlantic salmon (Salmo salar) exposed to perfluorooctane sulfonic or perfluorooctane carboxylic acids. Aquatic Toxicology, 2012, 108, 112-124. | 4.0 | 42 |
| 72 | Bacterial composition and activity determines host gene-expression responses in gnotobiotic Atlantic cod (Gadus morhua) larvae. Veterinary Microbiology, 2012, 157, 420-427. | 1.9 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Seasonal reproductive cycle of Waigieu seaperch (Psammoperca waigiensis). Aquaculture Research, 2012, 43, 815-830. | 1.8 | 22 |
| 74 | Immune-Regulatory Transcriptional Responses in Multiple Organs of Atlantic Salmon After Tributyltin Exposure, Alone or in Combination with Forskolin. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 478-493. | 2.3 | 4 |
| 75 | Developmental effects related to angiogenesis and osteogenic differentiation in Salmon larvae continuously exposed to dioxin-like 3,3â€²,4,4â€²-tetrachlorobiphenyl (congener 77). Aquatic Toxicology, 2011, 105, 669-680. | 4.0 | 16 |
| 76 | The influence of dietary constituents on the molecular ontogeny of digestive capability and effects on growth and appetite in Atlantic cod larvae (Gadus morhua). Aquaculture, 2011, 315, 114-120. | 3.5 | 31 |
| 77 | A protocol and cultivation system for gnotobiotic Atlantic cod larvae (Gadus morhua L.) as a tool to study host microbe interactions. Aquaculture, 2011, 315, 222-227. | 3.5 | 31 |
| 78 | Molecular and biochemical biomarkers in environmental monitoring: A comparison of biotransformation and antioxidant defense systems in multiple tissues. Aquatic Toxicology, 2011, 105, 56-66. | 4.0 | 182 |
| 79 | Lipid peroxidation and oxidative stress responses of salmon fed a diet containing perfluorooctane sulfonic- or perfluorooctane carboxylic acids. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 154, 288-295. | 2.6 | 56 |
| 80 | Two strategies to unravel gene expression responses of host-microbe interactions in cod (Gadus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 | 1.8 | 4 |
| 81 | Molecular ontogenesis of digestive capability and associated endocrine control in Atlantic cod (Gadus morhua) larvae. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 160, 190-199. | 1.8 | 47 |
| 82 | Tissue bioaccumulation patterns, xenobiotic biotransformation and steroid hormone levels in Atlantic salmon (Salmo salar) fed a diet containing perfluoroactane sulfonic or perfluorooctane carboxylic acids. Chemosphere, 2011, 83, 1035-1044. | 8.2 | 54 |
| 83 | Investigations on the Metabolism and Potentially Adverse Effects of Ethoxyquin Dimer, a Major Metabolite of the Synthetic Antioxidant Ethoxyquin in Salmon Muscle. Journal of Food Protection, 2011, 74, 1574-1580. | 1.7 | 19 |
| 84 | Emerging contaminants in consumer products: environmental fate and transfer to human food-chain. WIT Transactions on Ecology and the Environment, 2011, , . | 0.0 | 1 |
| 85 | Reproductive cycle in female Waigieu seaperch (Psammoperca waigiensis) reared under different salinity levels and the effects of dopamine antagonist on steroid hormone levels. Journal of Experimental Marine Biology and Ecology, 2010, 383, 137-145. | 1.5 | 10 |
| 86 | Municipal landfill leachates: A significant source for new and emerging pollutants. Science of the Total Environment, 2010, 408, 5147-5157. | 8.0 | 367 |
| 87 | Screening of ovarian steroidogenic pathway in Ciona intestinalis and its modulation after tributyltin exposure. Toxicology and Applied Pharmacology, 2010, 245, 124-133. | 2.8 | 21 |
| 88 | Modulation of acute steroidogenesis, peroxisome proliferator-activated receptors and CYP3A/PXR in salmon interrenal tissues by tributyltin and the second messenger activator, forskolin. Chemico-Biological Interactions, 2010, 185, 119-127. | 4.0 | 23 |
| 89 | Hormone, vitamin and contaminant status during the moulting/fasting period in ringed seals (Pusa) Tj ETQq1 1 0.784314 rgBT /Overl<br>Integrative Physiology, 2010, 155, 70-76. | 1.8 | 34 |
| 90 | Sex steroid levels, oocyte maturation and spawning performance in Waigieu seaperch (Psammoperca) Tj ETQq0 0 0 rgBT /Overlock 10 T<br>hormone and carp pituitary extract. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 155, 223-230. | 1.8 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Biotransformation of PCBs in Arctic seabirds: Characterization of phase I and II pathways at transcriptional, translational and activity levels. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 152, 34-41. | 2.6 | 15 |
| 92 | Comparative endocrine disruptive effects of contaminants in ringed seals (Phoca hispida) from Svalbard and the Baltic Sea. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 152, 306-312. | 2.6 | 32 |
| 93 | Recombinant Albumin and Transthyretin Transport Proteins from Two Gull Species and Human: Chlorinated and Brominated Contaminant Binding and Thyroid Hormones. Environmental Science & Technology, 2010, 44, 497-504. | 10.0 | 84 |
| 94 | Effects of tributyltin on salmon interrenal CYP11Î², steroidogenic factor-1 and glucocorticoid receptor transcripts in the presence and absence of second messenger activator, forskolin. Marine Environmental Research, 2010, 69, S56-S58. | 2.5 | 11 |
| 95 | Peroxisome proliferator-activated receptors, estrogenic responses and biotransformation system in the liver of salmon exposed to tributyltin and second messenger activator. Aquatic Toxicology, 2010, 99, 176-185. | 4.0 | 38 |
| 96 | Androgenic Modulation of Early Growth of Atlantic Cod (Gadus morhua L.) Previtellogenic Oocytes and Zona Radiata-Related Genes. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 184-195. | 2.3 | 37 |
| 97 | Recombinant Transthyretin Purification and Competitive Binding with Organohalogen Compounds in Two Gull Species (Larus argentatus and Larus hyperboreus). Toxicological Sciences, 2009, 107, 440-450. | 3.1 | 97 |
| 98 | Neural aromatase transcript and protein levels in Atlantic salmon (Salmo salar) are modulated by the ubiquitous water pollutant, 4-nonylphenol. General and Comparative Endocrinology, 2009, 164, 91-99. | 1.8 | 32 |
| 99 | Previtellogenic oocyte growth and transcriptional changes of steroidogenic enzyme genes in immature female Atlantic cod (Gadus morhua L.) after exposure to the androgens 11-ketotestosterone and testosterone. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 304-313. | 1.8 | 60 |
| 100 | Estrogenic Effects of Selected Hydroxy Polychlorinated Biphenyl Congeners in Primary Culture of Atlantic Salmon (Salmo salar) Hepatocytes. Archives of Environmental Contamination and Toxicology, 2009, 56, 111-122. | 4.1 | 26 |
| 101 | 2nd Norwegian Environmental Toxicology Symposium: Joining Forces for an Integrated Search for Environmental Solutions. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 111-111. | 2.3 | 0 |
| 102 | Concentrations, patterns and metabolites of organochlorine pesticides in relation to xenobiotic phase I and II enzyme activities in ringed seals (Phoca hispida) from Svalbard and the Baltic Sea. Environmental Pollution, 2009, 157, 2428-2434. | 7.5 | 30 |
| 103 | Modulation of salmon ovarian steroidogenesis and growth factor responses by the xenoestrogen, 4-nonylphenol. Chemosphere, 2009, 77, 989-998. | 8.2 | 18 |
| 104 | Food restriction in young Japanese quails: effects on growth, metabolism,plasma thyroid hormones and mRNA species in the thyroid hormone signalling pathway. Journal of Experimental Biology, 2009, 212, 3060-3067. | 1.7 | 23 |
| 105 | Effects of Tributyltin (TBT) onIn VitroHormonal and Biotransformation Responses in Atlantic Salmon (Salmo salar). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 209-218. | 2.3 | 17 |
| 106 | Steroidogenic acute regulatory (StAR) protein and cholesterol side-chain cleavage (P450scc)-regulated steroidogenesis as an organ-specific molecular and cellular target for endocrine disrupting chemicals in fish. Cell Biology and Toxicology, 2008, 24, 527-540. | 5.3 | 81 |
| 107 | Molecular and cellular detection of expression of vitellogenin and zona radiata protein in liver and skin of juvenile salmon (Salmo salar) exposed to nonylphenol. Cell and Tissue Research, 2008, 331, 701-712. | 2.9 | 49 |
| 108 | Activation of estrogen receptor signaling by the dioxin-like aryl hydrocarbon receptor agonist, 3,3â€²,4,4â€²,5-Pentachlorobiphenyl (PCB126) in salmon in vitro system. Toxicology and Applied Pharmacology, 2008, 227, 313-324. | 2.8 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Effects of 2,4,6-trinitrotoluene (TNT) on phase I and phase II biotransformation enzymes in European eel Anguilla anguilla (Linnaeus, 1758). Marine Environmental Research, 2008, 66, 9-11. | 2.5 | 7 |
| 110 | Estrogenic effect of dioxin-like aryl hydrocarbon receptor (AhR) agonist (PCB congener 126) in salmon hepatocytes. Marine Environmental Research, 2008, 66, 119-120. | 2.5 | 21 |
| 111 | Modulation of steroidogenesis and xenobiotic biotransformation responses in zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlock | 7.5 | 88 |
| 112 | Interactions of 2,4,6-trinitrotoluene (TNT) with xenobiotic biotransformation system in European eel Anguilla anguilla (Linnaeus, 1758). Ecotoxicology and Environmental Safety, 2008, 71, 798-805. | 6.0 | 8 |
| 113 | Genomic approach in evaluating the role of androgens on the growth of Atlantic cod (Gadus morhua) previtellogenic oocytes. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2008, 3, 205-218. | 1.0 | 19 |
| 114 | Hepatic biotransformation responses in Atlantic salmon exposed to retinoic acids and 3,3â€²,4,4â€²-tetrachlorobiphenyl (PCB congener 77). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 470-482. | 2.6 | 12 |
| 115 | Effects of 2,4,6-trinitrotoluene (TNT) on neurosteroidogenesis in the European eel (Anguilla anguilla;) Tj ETQq1 1 0.784314 rgBT /Ove | 1.6 | 18 |
| 116 | Biotransformation of PCBs in Relation to Phase I and II Xenobiotic-Metabolizing Enzyme Activities in Ringed Seals (Phoca hispida) from Svalbard and the Baltic Sea. Environmental Science & Technology, 2008, 42, 8952-8958. | 10.0 | 81 |
| 117 | Hepatic Retention and Toxicological Responses during Feeding and Depuration Periods in Atlantic Salmon (Salmo salar) Fed Graded Levels of the Synthetic Antioxidant, Butylated Hydroxytoluene. Journal of Agricultural and Food Chemistry, 2008, 56, 11540-11549. | 5.2 | 20 |
| 118 | Acute sublethal effects of 2,4,6-trinitrotoluene (TNT) on the European eelAnguilla anguilla(Linnaeus,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | | 1 |
| 119 | Effects of 17Î±-ethynylestradiol on hormonal responses and xenobiotic biotransformation system of Atlantic salmon (Salmo salar). Aquatic Toxicology, 2007, 85, 113-123. | 4.0 | 76 |
| 120 | Effects of hydroxy-polychlorinated biphenyl (OH-PCB) congeners on the xenobiotic biotransformation gene expression patterns in primary culture of Atlantic salmon (Salmo salar) hepatocytes. Ecotoxicology and Environmental Safety, 2007, 68, 351-360. | 6.0 | 29 |
| 121 | Hepatic metabolism, phase I and II biotransformation enzymes in Atlantic salmon (Salmo Salar, L) during a 12 week feeding period with graded levels of the synthetic antioxidant, ethoxyquin. Food and Chemical Toxicology, 2007, 45, 733-746. | 3.6 | 85 |
| 122 | Modulation of xenobiotic biotransformation system and hormonal responses in Atlantic salmon (Salmo salar) after exposure to tributyltin (TBT). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 431-441. | 2.6 | 40 |
| 123 | Effects of 17Î±-methyltestosterone exposure on steroidogenesis and cyclin-B mRNA expression in previtellogenic oocytes of Atlantic cod (Gadus morhua). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 569-580. | 2.6 | 11 |
| 124 | Targeted Salmon Gene Array (SalArray):â€‰ A Toxicogenomic Tool for Gene Expression Profiling of Interactions Between Estrogen and Aryl Hydrocarbon Receptor Signalling Pathways. Chemical Research in Toxicology, 2007, 20, 474-488. | 3.3 | 38 |
| 125 | Steroidogenic Acute Regulatory (StAR) Protein and Cholesterol Side-Chain Cleavage (P450scc) as Molecular and Cellular Targets for 17Î±-Ethynylestradiol in Salmon Previtellogenic Oocytes. Chemical Research in Toxicology, 2007, 20, 1811-1819. | 3.3 | 27 |
| 126 | Alteration of Brain and Interrenal StAR Protein, P450scc, and Cyp11Î² mRNA Levels in Atlantic Salmon after Nominal Waterborne Exposure to the Synthetic Pharmaceutical Estrogen Ethynylestradiol. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2007, 70, 606-613. | 2.3 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Interactions Between Estrogen- and Ah-Receptor Signalling Pathways in Primary Culture of Salmon Hepatocytes Exposed to Nonylphenol and 3,3',4,4'-Tetrachlorobiphenyl (Congener 77). Comparative Hepatology, 2007, 6, 2. | 0.9 | 46 |
| 128 | The xenoestrogen, 4-nonylphenol, impaired steroidogenesis in previtellogenic oocyte culture of Atlantic cod (Gadus morhua) by targeting the StAR protein and P450scc expressions. General and Comparative Endocrinology, 2007, 150, 419-429. | 1.8 | 45 |
| 129 | Toxicological Housekeeping Genes:Â Do They Really Keep the House?. Environmental Science & Technology, 2006, 40, 7944-7949. | 10.0 | 89 |
| 130 | Gene Expression Patterns in Estrogen (Nonylphenol) and Aryl Hydrocarbon Receptor Agonists (PCB-77) Interaction Using Rainbow Trout (Oncorhynchus Mykiss) Primary Hepatocyte Culture. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2006, 69, 1-19. | 2.3 | 45 |
| 131 | Biotransformation of polybrominated diphenyl ethers and polychlorinated biphenyls in beluga whale (Delphinapterus leucas) and rat mammalian model using an in vitro hepatic microsomal assay. Aquatic Toxicology, 2006, 77, 87-97. | 4.0 | 100 |
| 132 | Transcriptional modulation of brain and hepatic estrogen receptor and P450arom isotypes in juvenile Atlantic salmon (Salmo salar) after waterborne exposure to the xenoestrogen, 4-nonylphenol. Aquatic Toxicology, 2006, 77, 167-177. | 4.0 | 70 |
| 133 | Dimethyl sulfoxide is a potent modulator of estrogen receptor isoforms and xenoestrogen biomarker responses in primary culture of salmon hepatocytes. Aquatic Toxicology, 2006, 79, 99-103. | 4.0 | 23 |
| 134 | Persistent sex-reversal and oviducal agenesis in adult Xenopus (Silurana) tropicalis frogs following larval exposure to the environmental pollutant ethynylestradiol. Aquatic Toxicology, 2006, 79, 356-365. | 4.0 | 60 |
| 135 | The xenoestrogen 4-nonylphenol modulates hepatic gene expression of pregnane X receptor, aryl hydrocarbon receptor, CYP3A and CYP1A1 in juvenile Atlantic salmon (Salmo salar). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 142, 142-150. | 2.6 | 39 |
| 136 | The environmental estrogen, 4-nonylphenol modulates brain estrogen-receptor- and aromatase (CYP19) isoforms gene expression patterns in Atlantic salmon (Salmo salar). Marine Environmental Research, 2006, 62, S195-S199. | 2.5 | 23 |
| 137 | Altered hepatic retinol and CYP26 levels in adult European common frogs (Rana temporaria) exposed to p,pâ€²-DDE. Marine Environmental Research, 2006, 62, S10-S15. | 2.5 | 12 |
| 138 | Organ-specific patterns of P450arom gene isoforms are modulated by p,pâ€²-DDE in adult male European common frog, Rana temporaria. Marine Environmental Research, 2006, 62, S215-S218. | 2.5 | 4 |
| 139 | THE PERSISTENT DDT METABOLITE, 1,1-DICHLORO-2,2-BIS(pâ€CHLOROPHENYL)ETHYLENE, ALTERS THYROID HORMONEâ€"DEPENDENT GENES, HEPATIC CYTOCHROME P4503A, AND PREGNANE X RECEPTOR GENE EXPRESSIONS IN ATLANTIC SALMON (SALMO SALAR) PARR. Environmental Toxicology and Chemistry, 2006, 25, 1607. | 4.3 | 30 |
| 140 | Thyroid hormone-dependent gene expression as a biomarker of short-term 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (DDE) exposure in European common frog (Rana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 | 3.9 | 18 |
| 141 | Hepatic Biotransformation and Metabolite Profile during a 2-Week Depuration Period in Atlantic Salmon Fed Graded Levels of the Synthetic Antioxidant, Ethoxyquin. Toxicological Sciences, 2006, 93, 11-21. | 3.1 | 20 |
| 142 | Brain Cytochrome P450 Aromatase Gene Isoforms and Activity Levels in Atlantic Salmon After Waterborne Exposure to Nominal Environmental Concentrations of the Pharmaceutical Ethynylestradiol and Antifoulant Tributyltin. Toxicological Sciences, 2006, 91, 82-92. | 3.1 | 93 |
| 143 | Differential organ expression patterns of thyroid hormone receptor isoform genes in p,pâ€²-DDE-treated adult male common frog, Rana temporaria. Environmental Toxicology and Pharmacology, 2005, 20, 485-492. | 4.0 | 20 |
| 144 | Modulation of Brain Steroidogenesis by Affecting Transcriptional Changes of Steroidogenic Acute Regulatory (StAR) Protein and Cholesterol Side Chain Cleavage (P450scc) in Juvenile Atlantic Salmon (Salmo salar) Is a Novel Aspect of Nonylphenol Toxicity. Environmental Science & Technology, 2005, 39, 9791-9798. | 10.0 | 70 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Detection of vitellogenin and zona radiata protein expressions in surface mucus of immature juvenile Atlantic salmon (Salmo salar) exposed to waterborne nonylphenol. Aquatic Toxicology, 2005, 73, 1-10. | 4.0 | 55 |
| 146 | Characterization and profiling of hepatic cytochromes P450 and phase II xenobiotic-metabolizing enzymes in beluga whales (Delphinapterus leucas) from the St. Lawrence River Estuary and the Canadian Arctic. Aquatic Toxicology, 2004, 69, 35-49. | 4.0 | 36 |
| 147 | Eggshell and egg yolk proteins in fish: hepatic proteins for the next generation: oogenetic, population, and evolutionary implications of endocrine disruption. , 2003, 2, 4. | | 405 |
| 148 | Molecular cloning of rainbow trout (Oncorhynchus mykiss) eggshell zona radiata protein complementary DNA: mRNA expression in 17Î²-estradiol- and nonylphenol-treated fish. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 132, 315-326. | 1.6 | 70 |
| 149 | Complementary DNA cloning, sequence analysis and differential organ expression of Î²-naphthoflavone-inducible cytochrome P4501A in Atlantic salmon (Salmo salar). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2002, 133, 613-624. | 2.6 | 20 |
| 150 | The expression of CYP1A, vitellogenin and zona radiata proteins in Atlantic salmon (Salmo salar) after oral dosing with two commercial PBDE flame retardant mixtures: absence of short-term responses. Marine Environmental Research, 2002, 54, 719-724. | 2.5 | 31 |
| 151 | Regio-specific hydroxylation of nonylphenol and the involvement of CYP2K- and CYP2M-like iso-enzymes in Atlantic salmon (Salmo salar). Aquatic Toxicology, 2002, 56, 177-190. | 4.0 | 36 |
| 152 | Differential biomarker gene and protein expressions in nonylphenol and estradiol-17Î² treated juvenile rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 129, 1-10. | 2.6 | 51 |
| 153 | In vivo modulation of nonylphenol-induced zonagenesis and vitellogenesis by the antiestrogen, 3,3â€²4,4â€²-tetrachlorobiphenyl (PCB-77) in juvenile fish. Environmental Toxicology and Pharmacology, 2001, 10, 5-15. | 4.0 | 51 |
| 154 | Cellular and Molecular Responses to Endocrine-Modulators and the Impact on Fish Reproduction. Marine Pollution Bulletin, 2001, 42, 643-655. | 5.0 | 86 |
| 155 | Metabolism and organ distribution of nonylphenol in Atlantic salmon (Salmo salar). Marine Environmental Research, 2000, 50, 141-145. | 2.5 | 29 |
| 156 | Effects of xenoestrogen treatment on zona radiata protein and vitellogenin expression in Atlantic salmon (Salmo salar). Aquatic Toxicology, 2000, 49, 159-170. | 4.0 | 143 |
| 157 | In vivo and in vitro metabolism and organ distribution of nonylphenol in Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Overlock | 4.0 | 80 |
| 158 | Salmon Eggshell Protein Expression: A Marker for Environmental Estrogens. Marine Biotechnology, 1999, 1, 252-260. | 2.4 | 37 |
| 159 | Immunohistochemical analysis of the vitellogenin response in the liver of Atlantic salmon exposed to environmental oestrogens. Biomarkers, 1999, 4, 373-380. | 1.9 | 12 |
| 160 | Induction of hepatic estrogen receptor in juvenile Atlantic salmon in vivo by the environmental estrogen, 4-nonylphenol. Science of the Total Environment, 1999, 233, 201-210. | 8.0 | 132 |
| 161 | Fish model for assessing the in vivo estrogenic potency of the mycotoxin zearalenone and its metabolites. Science of the Total Environment, 1999, 236, 153-161. | 8.0 | 63 |
| 162 | The in vivo effect of combinations of octylphenol, butylbenzylphthalate and estradiol on liver estradiol receptor modulation and induction of zona radiata proteins in rainbow trout: no evidence of synergy. Environmental Pollution, 1998, 103, 75-80. | 7.5 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Plasma levels of vitellogenin and eggshell zona radiata proteins in 4-nonylphenol and o,pâ€²-DDT treated juvenile Atlantic salmon (Salmo salar). Marine Environmental Research, 1998, 46, 133-136. | 2.5 | 54 |
| 164 | Monoclonal and polyclonal antibodies against fish vitellogenin for use in pollution monitoring. Marine Environmental Research, 1998, 46, 153-157. | 2.5 | 43 |
| 165 | Xenobiotics, xenoestrogens and reproduction disturbances in fish. Sarsia, 1998, 83, 225-241. | 0.5 | 47 |
| 166 | Xenobiotic and steroid biotransformation enzymes in Atlantic salmon (Salmo salar) liver treated with an estrogenic compound, 4â€•nonylphenol. Environmental Toxicology and Chemistry, 1997, 16, 2576-2583. | 4.3 | 153 |
| 167 | Changes in three hepatic cytochrome P450 subfamilies during a reproductive cycle in turbot (Scophthalmus maximus L.). , 1997, 277, 313-325. | | 78 |
| 168 | XENOBIOTIC AND STEROID BIOTRANSFORMATION ENZYMES IN ATLANTIC SALMON (SALMO SALAR) LIVER TREATED WITH AN ESTROGENIC COMPOUND, 4-NONYLPHENOL. Environmental Toxicology and Chemistry, 1997, 16, 2576. | 4.3 | 110 |