

Thomas W K Fraser

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

569
citations

686830

13
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

821
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of laboratory salmon louse infection on mortality, growth, and sexual maturation in Atlantic salmon. <i>ICES Journal of Marine Science</i> , 2022, 79, 1530-1538. | 1.2 | 7 |
| 2 | Vertebral deformities in interspecific diploid and triploid salmonid hybrids. <i>Journal of Fish Biology</i> , 2021, 98, 1059-1070. | 0.7 | 10 |
| 3 | Developmental exposure to a POPs mixture or PFOS increased body weight and reduced swimming ability but had no effect on reproduction or behavior in zebrafish adults. <i>Aquatic Toxicology</i> , 2021, 237, 105882. | 1.9 | 10 |
| 4 | Lamotrigine effects on immune gene expression in larval zebrafish. <i>Epilepsy Research</i> , 2021, 178, 106823. | 0.8 | 2 |
| 5 | Development of supermale and all-male Atlantic salmon to research the <i>vgl3</i> allele - puberty link. <i>BMC Genetics</i> , 2020, 21, 123. | 2.7 | 17 |
| 6 | Calcium signaling as a possible mechanism behind increased locomotor response in zebrafish larvae exposed to a human relevant persistent organic pollutant mixture or PFOS. <i>Environmental Research</i> , 2020, 187, 109702. | 3.7 | 22 |
| 7 | Triploid Atlantic salmon <i>Salmo salar</i> have a higher dietary phosphorus requirement for bone mineralization during early development. <i>Journal of Fish Biology</i> , 2020, 97, 137-147. | 0.7 | 20 |
| 8 | Is it advantageous for Atlantic salmon to be triploid at lower temperatures?. <i>Journal of Thermal Biology</i> , 2020, 89, 102548. | 1.1 | 10 |
| 9 | Termination of puberty in out-of-season male Atlantic salmon smolts. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 232, 60-66. | 0.8 | 17 |
| 10 | A human exposure based mixture of persistent organic pollutants affects the stress response in female mice and their offspring. <i>Chemosphere</i> , 2018, 197, 585-593. | 4.2 | 10 |
| 11 | Radiological changes during fracture and repair in neural and haemal spines of Atlantic cod (<i>Gadus morhua</i>). <i>Journal of Fish Diseases</i> , 2018, 41, 1871-1875. | 0.9 | 7 |
| 12 | Sub-lethal UV radiation during early life stages alters the behaviour, heart rate and oxidative stress parameters in zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 359-365. | 2.9 | 12 |
| 13 | Toxicant induced behavioural aberrations in larval zebrafish are dependent on minor methodological alterations. <i>Toxicology Letters</i> , 2017, 276, 62-68. | 0.4 | 37 |
| 14 | Endocrine disruptors affect larval zebrafish behavior: Testing potential mechanisms and comparisons of behavioral sensitivity to alternative biomarkers. <i>Aquatic Toxicology</i> , 2017, 193, 128-135. | 1.9 | 40 |
| 15 | Uncontrollable chronic stress reduces growth disparities in farmed Atlantic salmon. <i>Physiology and Behavior</i> , 2017, 179, 246-252. | 1.0 | 5 |
| 16 | A Mixture of Persistent Organic Pollutants and Perfluorooctanesulfonic Acid Induces Similar Behavioural Responses, but Different Gene Expression Profiles in Zebrafish Larvae. <i>International Journal of Molecular Sciences</i> , 2017, 18, 291. | 1.8 | 35 |
| 17 | Coping with a changing environment: the effects of early life stress. <i>Royal Society Open Science</i> , 2016, 3, 160382. | 1.1 | 26 |
| 18 | Aplasia of the septum transversum has no effect on plasma biochemistry following an acute hypoxic event in Atlantic salmon. <i>Diseases of Aquatic Organisms</i> , 2014, 111, 87-92. | 0.5 | 1 |

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|----|---|-----|-----------|
| 19 | The effect of triploidy and vaccination on neutrophils and B-cells in the peripheral blood and head kidney of 0+ and 1+ Atlantic salmon (<i>Salmo salar</i> L.) post-smolts. <i>Fish and Shellfish Immunology</i> , 2012, 33, 60-66. | 1.6 | 21 |
| 20 | Welfare Considerations of Triploid Fish. <i>Reviews in Fisheries Science</i> , 2012, 20, 192-211. | 2.1 | 84 |
| 21 | Dietary toxicity of single-walled carbon nanotubes and fullerenes (C ₆₀) in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Nanotoxicology</i> , 2011, 5, 98-108. | 1.6 | 90 |
| 22 | The culturable intestinal microbiota of triploid and diploid juvenile Atlantic salmon (<i>Salmo salar</i>) - a comparison of composition and drug resistance. <i>BMC Veterinary Research</i> , 2011, 7, 71. | 0.7 | 42 |
| 23 | Nutritional requirements of coibia, <i>Rachycentron canadum</i> (Linnaeus): a review. <i>Aquaculture Research</i> , 2009, 40, 1219-1234. | 0.9 | 43 |