

Herve Migaud

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

5,089
citations

81743

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106150

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136
docs citations

136
times ranked

4126
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Current knowledge on the melatonin system in teleost fish. <i>General and Comparative Endocrinology</i> , 2010, 165, 469-482. | 0.8 | 394 |
| 2 | The impact of stocking density on the welfare of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2006, 255, 466-479. | 1.7 | 253 |
| 3 | Current knowledge on the photoneuroendocrine regulation of reproduction in temperate fish species. <i>Journal of Fish Biology</i> , 2010, 76, 27-68. | 0.7 | 228 |
| 4 | Gamete quality and broodstock management in temperate fish. <i>Reviews in Aquaculture</i> , 2013, 5, S194. | 4.6 | 195 |
| 5 | Effects of light during early larval development of some aquacultured teleosts: A review. <i>Aquaculture</i> , 2011, 315, 86-94. | 1.7 | 187 |
| 6 | Morphological skin colour changes in teleosts. <i>Fish and Fisheries</i> , 2010, 11, 159-193. | 2.7 | 157 |
| 7 | Mapping the sex determination locus in the Atlantic halibut (<i>Hippoglossus hippoglossus</i>) using RAD sequencing. <i>BMC Genomics</i> , 2013, 14, 566. | 1.2 | 133 |
| 8 | The effect of spectral composition and light intensity on melatonin, stress and retinal damage in post-smolt Atlantic salmon, <i>Salmo salar</i> . <i>Aquaculture</i> , 2007, 270, 390-404. | 1.7 | 120 |
| 9 | Photoperiod influences growth rate and plasma insulin-like growth factor-I levels in juvenile rainbow trout, <i>Oncorhynchus mykiss</i> . <i>General and Comparative Endocrinology</i> , 2005, 142, 169-185. | 0.8 | 99 |
| 10 | Sustainable production and use of cleaner fish for the biological control of sea lice: recent advances and current challenges. <i>Veterinary Record</i> , 2018, 183, 383-383. | 0.2 | 93 |
| 11 | A comparative ex vivo and in vivo study of day and night perception in teleosts species using the melatonin rhythm. <i>Journal of Pineal Research</i> , 2006, 41, 42-52. | 3.4 | 82 |
| 12 | Differential light intensity and spectral sensitivities of Atlantic salmon, European sea bass and Atlantic cod pineal glands ex vivo. <i>General and Comparative Endocrinology</i> , 2010, 165, 25-33. | 0.8 | 75 |
| 13 | Photoperiod can be used to enhance growth and improve feeding efficiency in farmed rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , 2006, 256, 216-234. | 1.7 | 73 |
| 14 | The effect of seasonality on normal haematological and innate immune parameters of rainbow trout <i>Oncorhynchus mykiss</i> L.. <i>Fish and Shellfish Immunology</i> , 2008, 25, 791-799. | 1.6 | 73 |
| 15 | Environmental Cycles, Melatonin, and Circadian Control of Stress Response in Fish. <i>Frontiers in Endocrinology</i> , 2019, 10, 279. | 1.5 | 73 |
| 16 | Induction of out-of-season spawning in Eurasian perch <i>Perca fluviatilis</i> : effects of rates of cooling and cooling durations on female gametogenesis and spawning. <i>Aquaculture</i> , 2002, 205, 253-267. | 1.7 | 71 |
| 17 | Evidence for differential photic regulation of pineal melatonin synthesis in teleosts. <i>Journal of Pineal Research</i> , 2007, 43, 327-335. | 3.4 | 70 |
| 18 | Effects of dietary microalgae on growth, survival and fatty acid composition of sea urchin <i>Paracentrotus lividus</i> throughout larval development. <i>Aquaculture</i> , 2012, 324-325, 250-258. | 1.7 | 70 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Seasonal Variations in Clockâ€Gene Expression in Atlantic Salmon (<i>Salmo salar</i>). Chronobiology International, 2009, 26, 379-395. | 0.9 | 66 |
| 20 | Delousing efficiency of farmed ballan wrasse (<i>Labrus bergylta</i>) against <i>Lepeophtheirus salmonis</i> infecting Atlantic salmon (<i>Salmo salar</i>) postâ€smolts. Pest Management Science, 2014, 70, 1274-1282. | 1.7 | 65 |
| 21 | The influence of ploidy on saltwater adaptation, acute stress response and immune function following seawater transfer in non-smolting rainbow trout. General and Comparative Endocrinology, 2007, 152, 314-325. | 0.8 | 63 |
| 22 | The role of seasonally altering photoperiod in regulating physiology in Atlantic cod (Gadus morhua). Part I. Sexual maturation. Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 84-97. | 0.7 | 60 |
| 23 | Fatty acid profiles during gametogenesis in sea urchin (Paracentrotus lividus): Effects of dietary inputs on gonad, egg and embryo profiles. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 164, 376-382. | 0.8 | 60 |
| 24 | GPR54 and rGnRH I gene expression during the onset of puberty in Nile tilapia. General and Comparative Endocrinology, 2008, 156, 224-233. | 0.8 | 58 |
| 25 | Ploidy and family effects on Atlantic salmon (Salmo salar) growth, deformity and harvest quality during a full commercial production cycle. Aquaculture, 2013, 410-411, 41-50. | 1.7 | 56 |
| 26 | Influence of photoperiod on the onset of gonadogenesis in Eurasian perch Perca fluviatilis. Aquaculture, 2004, 241, 561-574. | 1.7 | 55 |
| 27 | Influence of dietary phospholipid on early development and performance of Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Over | 1.7 | 55 |
| 28 | Cycle de reproduction et teneurs en stÃ©roÃ©des du plasma chez la perche eurasiennne mÃ©le Perca fluviatilis.. Aquatic Living Resources, 2000, 13, 99-106. | 0.5 | 54 |
| 29 | Influence of photoperiod on reproductive performances in Eurasian perch Perca fluviatilis. Aquaculture, 2006, 252, 385-393. | 1.7 | 54 |
| 30 | Ploidy effects on hatchery survival, deformities, and performance in Atlantic salmon (Salmo salar). Aquaculture, 2011, 315, 61-68. | 1.7 | 52 |
| 31 | Adult triploid Atlantic salmon (<i>Salmo salar</i>) have higher dietary histidine requirements to prevent cataract development in seawater. Aquaculture Nutrition, 2015, 21, 18-32. | 1.1 | 52 |
| 32 | Inhibition of sexual maturation in tank reared haddock (Melanogrammus aeglefinus) through the use of constant light photoperiods. Aquaculture, 2007, 270, 379-389. | 1.7 | 50 |
| 33 | Kisspeptin and seasonal control of reproduction in male European sea bass (Dicentrarchus labrax). General and Comparative Endocrinology, 2012, 179, 384-399. | 0.8 | 48 |
| 34 | Stress response to anthropogenic noise in Atlantic cod Gadus morhua L.. Aquacultural Engineering, 2015, 67, 67-76. | 1.4 | 48 |
| 35 | Relationships between environmental changes, maturity, growth rate and plasma insulin-like growth factor-I (IGF-I) in female rainbow trout. General and Comparative Endocrinology, 2008, 155, 257-270. | 0.8 | 46 |
| 36 | Early nutritional intervention can improve utilisation of vegetable-based diets in diploid and triploid Atlantic salmon (<i>Salmo salar</i>L). British Journal of Nutrition, 2017, 118, 17-29. | 1.2 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Hydrogen peroxide treatment in Atlantic salmon induces stress and detoxification response in a daily manner. <i>Chronobiology International</i> , 2016, 33, 530-542. | 0.9 | 43 |
| 38 | Effects of light spectrum and tank background colour on Atlantic cod (<i>Gadus morhua</i>) and turbot (<i>Scophthalmus maximus</i>) larvae performances. <i>Aquaculture</i> , 2016, 450, 6-13. | 1.7 | 43 |
| 39 | Evaluation of new microparticulate diets for early weaning of Atlantic cod (<i>Gadus morhua</i>): Implications on larval performances and tank hygiene. <i>Aquaculture</i> , 2007, 263, 35-51. | 1.7 | 42 |
| 40 | Clock-Controlled Endogenous Melatonin Rhythms in Nile Tilapia (<i>Oreochromis niloticus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 31-49. | 0.9 | 41 |
| 41 | Circadian Rhythms of Locomotor Activity in the Nile Tilapia (<i>Oreochromis niloticus</i>). <i>Chronobiology International</i> , 2009, 26, 666-681. | 0.9 | 41 |
| 42 | The Whole-Genome Sequencing and Hybrid Assembly of <i>Mytilus coruscus</i> . <i>Frontiers in Genetics</i> , 2020, 11, 440. | 1.1 | 41 |
| 43 | Daily Rhythms in Expression of Genes of Hepatic Lipid Metabolism in Atlantic Salmon (<i>Salmo salar</i> L.). <i>PLoS ONE</i> , 2014, 9, e106739. | 1.1 | 40 |
| 44 | Continuous high light intensity can induce retinal degeneration in Atlantic salmon, Atlantic cod and European sea bass. <i>Aquaculture</i> , 2009, 296, 150-158. | 1.7 | 38 |
| 45 | Genetic diversity and structure in <i>Arapaima gigas</i> populations from Amazon and Araguaia-Tocantins river basins. <i>BMC Genetics</i> , 2019, 20, 13. | 2.7 | 38 |
| 46 | Dietary phosphorous and protein supplementation enhances seawater growth and reduces severity of vertebral malformation in triploid Atlantic salmon (<i>Salmo salar</i> L.). <i>Aquaculture</i> , 2016, 451, 357-368. | 1.7 | 36 |
| 47 | Triploid Atlantic salmon growth is negatively affected by communal ploidy rearing during seawater grow-out in tanks. <i>Aquaculture</i> , 2014, 432, 163-174. | 1.7 | 35 |
| 48 | A comparison of the response of diploid and triploid Atlantic salmon (<i>Salmo salar</i>) siblings to a commercial furunculosis vaccine and subsequent experimental infection with <i>Aeromonas salmonicida</i> . <i>Fish and Shellfish Immunology</i> , 2016, 57, 301-308. | 1.6 | 34 |
| 49 | Off-Season Spawning of Eurasian Perch <i>Perca fluviatilis</i> . <i>Aquaculture International</i> , 2004, 12, 87-102. | 1.1 | 33 |
| 50 | Effects of a mix of <i>Bacillus</i> sp. as a potential probiotic for Florida pompano, common snook and red drum larvae performances and digestive enzyme activities. <i>Aquaculture Nutrition</i> , 2016, 22, 51-60. | 1.1 | 33 |
| 51 | Application of passive-acoustic telemetry to explore the behaviour of ballan wrasse (<i>Labrus bergylta</i>) and lumpfish (<i>Cyclopterus lumpus</i>) in commercial Scottish salmon sea-pens. <i>Aquaculture</i> , 2018, 495, 1-12. | 1.7 | 33 |
| 52 | Genetic improvement technologies to support the sustainable growth of UK aquaculture. <i>Reviews in Aquaculture</i> , 2021, 13, 1958-1985. | 4.6 | 31 |
| 53 | Light intensity impacts on growth, molting and oxidative stress of juvenile mud crab <i>Scylla paramamosain</i> . <i>Aquaculture</i> , 2021, 545, 737159. | 1.7 | 29 |
| 54 | Body size dimorphism of sea-reared Atlantic salmon (<i>Salmo salar</i> L.): Implications for the management of sexual maturation and harvest quality. <i>Aquaculture</i> , 2010, 301, 47-56. | 1.7 | 28 |

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|----|---|-----|-----------|
| 55 | Assessing Reproductive Condition in Captive and Wild Common Snook Stocks: A Comparison between the Wet Mount Technique and Histological Preparations. Transactions of the American Fisheries Society, 2013, 142, 979-988. | 0.6 | 28 |
| 56 | Influence of broodstock diet on somatic growth, fecundity, gonad carotenoids and larval survival of sea urchin. Aquaculture Research, 2015, 46, 969-976. | 0.9 | 28 |
| 57 | Optimisation of triploidy induction in brown trout (<i>Salmo trutta</i> L.). Aquaculture, 2013, 414-415, 160-166. | 1.7 | 26 |
| 58 | Impact of dietary phosphorous in diploid and triploid Atlantic salmon (<i>Salmo salar</i> L.) with reference to early skeletal development in freshwater. Aquaculture, 2018, 490, 329-343. | 1.7 | 26 |
| 59 | The role of seasonally altering photoperiod in regulating physiology in Atlantic cod (<i>Gadus morhua</i>). Part II. Somatic growth. Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 98-112. | 0.7 | 25 |
| 60 | Ontogeny of the Circadian System During Embryogenesis in Rainbow Trout (<i>Oncorhynchus mykiss</i>) of <i>per1</i> , <i>clock</i> , and <i>aanat2</i> Expression. Chronobiology International, 2011, 28, 177-186. | 0.9 | 25 |
| 61 | The potential of alternative lighting-systems to suppress pre-harvest sexual maturation of 1+ Atlantic salmon (<i>Salmo salar</i>) post-smolts reared in commercial sea-cages. Aquacultural Engineering, 2011, 44, 35-47. | 1.4 | 24 |
| 62 | Parental contribution and spawning performance in captive common snook <i>Centropomus undecimalis</i> broodstock. Aquaculture, 2014, 432, 144-153. | 1.7 | 24 |
| 63 | Comparative ploidy response to experimental hydrogen peroxide exposure in Atlantic salmon (<i>Salmo salar</i>) | 1.6 | 24 |
| 64 | 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. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 227, 106-121. | 0.7 | 24 |
| 65 | Influence of photoperiod regimes on the Eurasian perch gonadogenesis and spawning. Fish Physiology and Biochemistry, 2003, 28, 395-397. | 0.9 | 23 |
| 66 | A comparison of disease susceptibility and innate immune response between diploid and triploid Atlantic salmon (<i>Salmo salar</i>) siblings following experimental infection with <i>Neoparamoeba perurans</i> , causative agent of amoebic gill disease. Parasitology, 2017, 144, 1229-1242. | 0.7 | 23 |
| 67 | 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. Aquaculture, 2020, 528, 735551. | 1.7 | 23 |
| 68 | Photoperiod effects on the expression of kisspeptin and gonadotropin genes in Atlantic cod, <i>Gadus morhua</i> , during first maturation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, 82-94. | 0.8 | 22 |
| 69 | Comparative study of pineal clock gene and AANAT2 expression in relation to melatonin synthesis in Atlantic salmon (<i>Salmo salar</i>) and European seabass (<i>Dicentrarchus labrax</i>). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 169, 77-89. | 0.8 | 22 |
| 70 | Synthesis of sex steroids in final oocyte maturation and induced ovulation in female Eurasian perch, <i>Perca fluviatilis</i> . Aquatic Living Resources, 2003, 16, 380-388. | 0.5 | 21 |
| 71 | Evaluation of flow through culture technique for commercial production of sea urchin (<i>Paracentrotus lividus</i>) larvae. Aquaculture Research, 2014, 45, 768-772. | 0.9 | 21 |
| 72 | A Temporally Dynamic Gut Microbiome in Atlantic Salmon During Freshwater Recirculating Aquaculture System (RAS) Production and Post-seawater Transfer. Frontiers in Marine Science, 2021, 8, . | 1.2 | 20 |

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|----|---|-----|-----------|
| 73 | Impacts of three different microdiets on Florida Pompano, <i>Trachinotus carolinus</i> , weaning success, growth, fatty acid incorporation and enzyme activity. <i>Aquaculture</i> , 2014, 422-423, 268-276. | 1.7 | 19 |
| 74 | Light- and clock-control of genes involved in detoxification. <i>Chronobiology International</i> , 2017, 34, 1026-1041. | 0.9 | 19 |
| 75 | High temperature is detrimental to captive lumpfish (<i>Cyclopterus lumpus</i> , L) reproductive performance. <i>Aquaculture</i> , 2020, 522, 735121. | 1.7 | 19 |
| 76 | Triploid and diploid Atlantic salmon show similar susceptibility to infection with salmon lice <i>Lepeophtheirus salmonis</i> . <i>Pest Management Science</i> , 2014, 70, 982-988. | 1.7 | 18 |
| 77 | Comparative proteome and peptidome analysis of the cephalic fluid secreted by <i>Arapaima gigas</i> (Teleostei: Osteoglossidae) during and outside parental care. <i>PLoS ONE</i> , 2017, 12, e0186692. | 1.1 | 18 |
| 78 | Expression pattern of <i>nanos</i> , <i>piwil</i> , <i>dnd</i> , <i>vasa</i> and <i>pum</i> genes during ontogenic development in Nile tilapia <i>Oreochromis niloticus</i> . <i>Gene</i> , 2019, 688, 62-70. | 1.0 | 18 |
| 79 | Physiological impact and comparison of mutant screening methods in <i>piwil2</i> KO founder Nile tilapia produced by CRISPR/Cas9 system. <i>Scientific Reports</i> , 2020, 10, 12600. | 1.6 | 18 |
| 80 | Development of a water-stable agar-based diet for the supplementary feeding of cleaner fish ballan wrasse (<i>Labrus bergylta</i>) deployed within commercial Atlantic salmon (<i>Salmo salar</i>) net-pens. <i>Animal Feed Science and Technology</i> , 2015, 208, 98-106. | 1.1 | 16 |
| 81 | Comparative study of lipids and fatty acids in the liver, muscle, and eggs of wild and captive common snook broodstock. <i>Aquaculture</i> , 2015, 446, 227-235. | 1.7 | 16 |
| 82 | Seasonal changes in broodstock spawning performance and egg quality in ballan wrasse (<i>Labrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 | 1.7 | 16 |
| 83 | The Impact of Escaped Farmed Atlantic Salmon (<i>Salmo salar</i> L.) on Catch Statistics in Scotland. <i>PLoS ONE</i> , 2012, 7, e43560. | 1.1 | 15 |
| 84 | Seasonal Variations in Skin Pigmentation and Flesh Quality of Atlantic Salmon (<i>Salmo salar</i> L.): Implications for Quality Management. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7036-7045. | 2.4 | 14 |
| 85 | Fatty acid utilization during the early larval stages of Florida pompano (<i>Trachinotus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1443-1458. | 0.9 | 14 |
| 86 | Retinal light input is required to sustain plasma melatonin rhythms in Nile tilapia <i>Oreochromis niloticus niloticus</i> . <i>Brain Research</i> , 2009, 1269, 61-67. | 1.1 | 13 |
| 87 | The effect of combining shading and continuous lighting on the suppression of sexual maturation in outdoor-reared Atlantic cod, <i>Gadus morhua</i> . <i>Aquaculture</i> , 2011, 320, 113-122. | 1.7 | 13 |
| 88 | Endoscopy application in broodstock management of <i>Arapaima gigas</i> (Schinz, 1822). <i>Journal of Applied Ichthyology</i> , 2016, 32, 353-355. | 0.3 | 13 |
| 89 | Dietary supplementation with a specific mannan-rich yeast parietal fraction enhances the gut and skin mucosal barriers of Atlantic salmon (<i>Salmo salar</i>) and reduces its susceptibility to sea lice (<i>Lepeophtheirus salmonis</i>). <i>Aquaculture</i> , 2020, 529, 735701. | 1.7 | 13 |
| 90 | Impact of Salmonid alphavirus infection in diploid and triploid Atlantic salmon (<i>Salmo salar</i> L.) fry. <i>PLoS ONE</i> , 2017, 12, e0179192. | 1.1 | 13 |

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|-----|---|-----|-----------|
| 91 | Timing and duration of constant light affects rainbow trout (<i>Oncorhynchus mykiss</i>) growth during autumn-spring grow-out in freshwater. <i>Aquaculture Research</i> , 2009, 40, 1551-1558. | 0.9 | 12 |
| 92 | Effects of temperature on feed intake and plasma chemistry after exhaustive exercise in triploid brown trout (<i>Salmo trutta</i> L). <i>Fish Physiology and Biochemistry</i> , 2017, 43, 337-350. | 0.9 | 12 |
| 93 | Enhanced micronutrient supplementation in low marine diets reduced vertebral malformation in diploid and triploid Atlantic salmon (<i>Salmo salar</i>) parr, and increased vertebral expression of bone biomarker genes in diploids. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 237, 110327. | 0.7 | 12 |
| 94 | The physiological response of farmed ballan wrasse (<i>Labrus bergylta</i>) exposed to an acute stressor. <i>Aquaculture</i> , 2014, 434, 1-4. | 1.7 | 10 |
| 95 | Gender distribution, sexual size dimorphism and morphometric sexing in ballan wrasse <i>Labrus bergylta</i> . <i>Journal of Fish Biology</i> , 2014, 84, 1842-1862. | 0.7 | 10 |
| 96 | Mapping and validation of sex-linked SNP markers in the swimming crab <i>Portunus trituberculatus</i> . <i>Aquaculture</i> , 2020, 524, 735228. | 1.7 | 10 |
| 97 | Pharaoh Cuttlefish, <i>Sepia pharaonis</i> , Genome Reveals Unique Reflectin Camouflage Gene Set. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 10 |
| 98 | Temporal changes in skin and gill microbiomes of Atlantic salmon in a recirculating aquaculture system – Why do they matter?. <i>Aquaculture</i> , 2022, 558, 738352. | 1.7 | 10 |
| 99 | Changes in tissue concentrations of the vitamins B1 and B2 during reproductive cycle of bivalves. <i>Aquaculture</i> , 2001, 196, 139-150. | 1.7 | 9 |
| 100 | Surface feeding and aggressive behaviour of diploid and triploid brown trout (<i>Salmo trutta</i>) during allopatric pairwise matchings. <i>Journal of Fish Biology</i> , 2014, 85, 882-900. | 0.7 | 9 |
| 101 | Influence of tidal cycles on the endocrine control of reproductive activity in common snook (<i>Centropomus undecimalis</i>). <i>General and Comparative Endocrinology</i> , 2015, 224, 247-259. | 0.8 | 9 |
| 102 | Elevated temperature promotes growth and feed efficiency of farmed ballan wrasse juveniles (<i>Labrus</i>) Tj ETQq0 0 0,rgBT /Overlock 10 Tf | 1.7 | 9 |
| 103 | A temperature shift during embryogenesis impacts prevalence of deformity in diploid and triploid Atlantic salmon (<i>Salmo salar</i> L.). <i>Aquaculture Research</i> , 2021, 52, 906-923. | 0.9 | 9 |
| 104 | Neural activation in photosensitive brain regions of Atlantic salmon (<i>Salmo salar</i>) after light stimulation. <i>PLoS ONE</i> , 2021, 16, e0258007. | 1.1 | 9 |
| 105 | A high-density linkage map and sex-linked markers for the Amazon Tambaqui <i>Colossoma macropomum</i> . <i>BMC Genomics</i> , 2021, 22, 709. | 1.2 | 9 |
| 106 | Light Spectrum Impacts on Growth, Molting, and Oxidative Stress Response of the Mud Crab <i>Scylla paramamosain</i> . <i>Frontiers in Marine Science</i> , 2022, 9, . | 1.2 | 8 |
| 107 | Involvement of sex steroids in final stages of oogenesis in Eurasian perch, <i>Perca fluviatilis</i> . <i>Fish Physiology and Biochemistry</i> , 2003, 28, 331-332. | 0.9 | 7 |
| 108 | Enriching <i>Artemia nauplii</i> with selenium from different sources and interactions with essential fatty acid incorporation. <i>Aquaculture</i> , 2020, 520, 734677. | 1.7 | 7 |

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|-----|---|-----|-----------|
| 109 | Effects of continuous light and light intensity on the growth performance and gonadal development of Nile tilapia. <i>Revista Brasileira De Zootecnia</i> , 2021, 50, . | 0.3 | 7 |
| 110 | Atypical <i>Aeromonas salmonicida</i> vapA type V and <i>Vibrio</i> spp. are predominant bacteria recovered from ballan wrasse <i>Labrus bergylta</i> in Scotland. <i>Diseases of Aquatic Organisms</i> , 2020, 140, 47-54. | 0.5 | 7 |
| 111 | Effects of light regime on diurnal plasma melatonin levels and vertical distribution in farmed Atlantic cod (<i>Gadus morhua</i> L.). <i>Aquaculture</i> , 2013, 414-415, 280-287. | 1.7 | 6 |
| 112 | Transcriptomic Analysis of Marine Gastropod <i>Hemifusus tuba</i> Provides Novel Insights into Conotoxin Genes. <i>Marine Drugs</i> , 2019, 17, 466. | 2.2 | 6 |
| 113 | Temperature-induced testicular germ cell loss and recovery in Nile tilapia <i>Oreochromis niloticus</i> . <i>General and Comparative Endocrinology</i> , 2019, 283, 113227. | 0.8 | 6 |
| 114 | Short-term lecithin enrichments can enhance the phospholipid and DHA contents of the polar lipid fraction of <i>Artemia</i> nauplii. <i>Aquaculture</i> , 2019, 510, 122-130. | 1.7 | 6 |
| 115 | Endoscopy and Cannulation as Non-Invasive Tools to Identify Sex and Monitor Reproductive Development in <i>Arapaima gigas</i> . <i>Copeia</i> , 2019, 107, 287. | 1.4 | 6 |
| 116 | Short term cold storage and sperm concentration assessment of lumpfish (<i>Cyclopterus lumpus</i> . L) Milt. <i>Aquaculture</i> , 2020, 529, 735646. | 1.7 | 6 |
| 117 | Deformities prevalence in farmed ballan wrasse (<i>Labrus bergylta</i>) in relation to hatchery origin and life stage. <i>Aquaculture</i> , 2021, 533, 736212. | 1.7 | 6 |
| 118 | Plant-based protein ingredients can successfully replace fish meal in the diet of ballan wrasse (<i>LABRUS BERGYLTA</i>) juveniles. <i>Aquaculture</i> , 2022, 546, 737419. | 1.7 | 6 |
| 119 | Rhythmic Clock Gene Expression in Atlantic Salmon Parr Brain. <i>Frontiers in Physiology</i> , 2021, 12, 761109. | 1.3 | 6 |
| 120 | Removal of the adhesive gum layer surrounding naturally fertilised ballan wrasse (<i>Labrus bergylta</i>) eggs. <i>Aquaculture</i> , 2016, 456, 44-49. | 1.7 | 5 |
| 121 | Investigating the kisspeptin system in the hermaphrodite teleost gilthead seabream (<i>Sparus aurata</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 241, 110624. | 0.8 | 5 |
| 122 | Comparative proximate analysis of wild and captive lumpfish (<i>Cyclopterus lumpus</i>) eggs show deficiencies in captive eggs and possible egg quality determinants. <i>Aquaculture</i> , 2022, 557, 738356. | 1.7 | 5 |
| 123 | Broodstock spawning and larviculture of whiting (<i>Merlangius merlangus</i> L.) reared in captivity. <i>Aquaculture Research</i> , 2011, 42, 386-398. | 0.9 | 4 |
| 124 | Isolation, identification and characterisation of ballan wrasse (<i>Labrus bergylta</i>) plasma pigment. <i>Journal of Fish Biology</i> , 2016, 89, 2070-2084. | 0.7 | 4 |
| 125 | A commercial autogenous injection vaccine protects ballan wrasse (<i>Labrus bergylta</i> , <i>Ascanius</i>) against <i>Aeromonas salmonicida</i> vapA type V. <i>Fish and Shellfish Immunology</i> , 2020, 107, 43-53. | 1.6 | 4 |
| 126 | Response of triploid Atlantic salmon (<i>Salmo salar</i>) to commercial vaccines. <i>Fish and Shellfish Immunology</i> , 2020, 97, 624-636. | 1.6 | 3 |

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|-----|---|-----|-----------|
| 127 | Pre-deployment acclimatisation of farmed ballan wrasse (<i>Labrus bergylta</i>) to sea-cage conditions promotes behaviour analogous to wild conspecifics when used as cleaner fish in Atlantic salmon (<i>Salmo salar</i>) farms. <i>Aquaculture</i> , 2020, 520, 734771. | 1.7 | 3 |
| 128 | Novel atypical <i>Aeromonas salmonicida</i> bath challenge model for juvenile ballan wrasse (<i>Labrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 | 0.9 | 3 |
| 129 | The effect of metal halide and novel green cathode lights on the stress response, innate immunity, eye structure and feeding activity of Atlantic cod, <i>Gadus morhua</i> L.. <i>Aquaculture Research</i> , 2011, 42, 115-124. | 0.9 | 2 |
| 130 | Development of diagnostic assays for differentiation of atypical <i>Aeromonas salmonicida</i> vapA type V and type VI in ballan wrasse (<i>Labrus bergylta</i> , <i>Ascanius</i>). <i>Journal of Fish Diseases</i> , 2021, 44, 711-719. | 0.9 | 2 |
| 131 | The use of continuous light to suppress pre-harvest sexual maturation in sea-reared Atlantic salmon (<i>Salmo salar</i> L.) can be reduced to a 4-month window. <i>Aquaculture Research</i> , 2010, 41, no-no. | 0.9 | 1 |
| 132 | GnRH α implants and size pairing effects on plasma and cephalic secretion sex steroids in <i>Arapaima gigas</i> . <i>General and Comparative Endocrinology</i> , 2020, 299, 113614. | 0.8 | 1 |
| 133 | Development and validation of SNP genotyping assays to identify genetic sex in the swimming crab <i>Portunus trituberculatus</i> . <i>Aquaculture Reports</i> , 2021, 20, 100731. | 0.7 | 1 |
| 134 | Efficacy testing of an immersion vaccine against <i>Aeromonas salmonicida</i> and immunocompetence in ballan wrasse (<i>Labrus bergylta</i> , <i>Ascanius</i>). <i>Fish and Shellfish Immunology</i> , 2021, 121, 505-505. | 1.6 | 1 |