

Andrew Davie

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,550
citations

236612

25
h-index

197535

49
g-index

59
all docs

59
docs citations

59
times ranked

2559
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Increased robustness of postlarvae and juveniles from non-ablated Pacific whiteleg shrimp, <i>Penaeus vannamei</i> , broodstock post-challenged with pathogenic isolates of <i>Vibrio parahaemolyticus</i> (VpAHPND) and white spot disease (WSD). <i>Aquaculture</i> , 2021, 532, 736033.	1.7	10
4	Bacterial Communities of Ballan Wrasse (<i>Labrus bergylta</i>) Eggs at a Commercial Marine Hatchery. <i>Current Microbiology</i> , 2021, 78, 114-124.	1.0	4
5	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
6	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 54	0.9	3
7	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
8	Genetic improvement technologies to support the sustainable growth of UK aquaculture. <i>Reviews in Aquaculture</i> , 2021, 13, 1958-1985.	4.6	31
9	Are Shell Strength Phenotypic Traits in Mussels Associated with Species Alone?. <i>Aquaculture Journal</i> , 2021, 1, 3-13.	0.7	5
10	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
11	Enriching <i>Artemia</i> nauplii with selenium from different sources and interactions with essential fatty acid incorporation. <i>Aquaculture</i> , 2020, 520, 734677.	1.7	7
12	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
13	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
14	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
15	High temperature is detrimental to captive lumpfish (<i>Cyclopterus lumpus</i> , L) reproductive performance. <i>Aquaculture</i> , 2020, 522, 735121.	1.7	19
16	Harnessing genomics to fast-track genetic improvement in aquaculture. <i>Nature Reviews Genetics</i> , 2020, 21, 389-409.	7.7	286
17	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
18	Elevated temperature promotes growth and feed efficiency of farmed ballan wrasse juveniles (<i>Labrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 54	1.7	9

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19	Short-term lecithin enrichments can enhance the phospholipid and DHA contents of the polar lipid fraction of <i>Artemia nauplii</i> . <i>Aquaculture</i> , 2019, 510, 122-130.	1.7	6
20	Reproductive performance and offspring quality of non-ablated Pacific white shrimp (<i>Litopenaeus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	17
21	The evolution of apolipoprotein B and its mRNA editing complex. Does the lack of editing contribute to hypertriglyceridemia?. <i>Gene</i> , 2018, 641, 46-54.	1.0	6
22	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
23	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
24	Biosynthesis of Polyunsaturated Fatty Acids in Sea Urchins: Molecular and Functional Characterisation of Three Fatty Acyl Desaturases from <i>Paracentrotus lividus</i> (Lamarck 1816). <i>PLoS ONE</i> , 2017, 12, e0169374.	1.1	51
25	DNA sampling from mucus in the Nile tilapia, <i>Oreochromis niloticus</i> : minimally invasive sampling for aquaculture-related genetics research. <i>Aquaculture Research</i> , 2016, 47, 4032-4037.	0.9	26
26	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
27	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
28	Seasonal changes in broodstock spawning performance and egg quality in ballan wrasse (<i>Labrus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	16
29	Comparative imaging of European eels (<i>Anguilla anguilla</i>) for the evaluation of swimbladder nematode (<i>Anguillicoloides crassus</i>) infestation. <i>Journal of Fish Diseases</i> , 2016, 39, 635-647.	0.9	10
30	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
31	Stress response to anthropogenic noise in Atlantic cod <i>Gadus morhua</i> L.. <i>Aquacultural Engineering</i> , 2015, 67, 67-76.	1.4	48
32	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
33	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
34	Delousing efficiency of farmed ballan wrasse (<i>Labrus bergylta</i>) against <i>Lepeophtheirus salmonis</i> infecting Atlantic salmon (<i>Salmo salar</i>) post-smolts. <i>Pest Management Science</i> , 2014, 70, 1274-1282.	1.7	65
35	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
36	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

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37	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>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 169, 77-89.	0.8	22
38	Gamete quality and broodstock management in temperate fish. <i>Reviews in Aquaculture</i> , 2013, 5, S194.	4.6	195
39	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
40	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
41	Kisspeptin and seasonal control of reproduction in male European sea bass (<i>Dicentrarchus labrax</i>). <i>General and Comparative Endocrinology</i> , 2012, 179, 384-399.	0.8	48
42	Photoperiod effects on the expression of kisspeptin and gonadotropin genes in Atlantic cod, <i>Gadus morhua</i> , during first maturation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, 82-94.	0.8	22
43	Ontogeny of the Circadian System During Embryogenesis in Rainbow Trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 of <i>per1</i> , <i>clock</i> , and <i>aanat2</i> Expression. <i>Chronobiology International</i> , 2011, 28, 177-186.	0.9	25
44	Effects of light during early larval development of some aquacultured teleosts: A review. <i>Aquaculture</i> , 2011, 315, 86-94.	1.7	187
45	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
46	Biosynthesis of very long-chain fatty acids (>24) in Atlantic salmon: Cloning, functional characterisation, and tissue distribution of an Elovl4 elongase. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 159, 122-129.	0.7	82
47	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
48	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
49	Differential light intensity and spectral sensitivities of Atlantic salmon, European sea bass and Atlantic cod pineal glands <i>ex vivo</i> . <i>General and Comparative Endocrinology</i> , 2010, 165, 25-33.	0.8	75
50	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
51	Seasonal Variations in Clock Gene Expression in Atlantic Salmon (<i>Salmo salar</i>). <i>Chronobiology International</i> , 2009, 26, 379-395.	0.9	66
52	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
53	Inhibition of sexual maturation in tank reared haddock (<i>Melanogrammus aeglefinus</i>) through the use of constant light photoperiods. <i>Aquaculture</i> , 2007, 270, 379-389.	1.7	50
54	The role of seasonally altering photoperiod in regulating physiology in Atlantic cod (<i>Gadus morhua</i>). Part II. Somatic growth. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 98-112.	0.7	25

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55	The role of seasonally altering photoperiod in regulating physiology in Atlantic cod (<i>Gadus morhua</i>). Part I. Sexual maturation. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 84-97.	0.7	60
56	Evidence for differential photic regulation of pineal melatonin synthesis in teleosts. <i>Journal of Pineal Research</i> , 2007, 43, 327-335.	3.4	70
57	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
58	Photoperiod manipulation of maturation and growth of Atlantic cod (<i>Gadus morhua</i>). <i>Fish Physiology and Biochemistry</i> , 2003, 28, 399-401.	0.9	29
59	Dietary lipid enhancement of broodstock reproductive performance and egg and larval quality in Atlantic halibut (<i>Hippoglossus hippoglossus</i>). <i>Aquaculture</i> , 2003, 227, 21-33.	1.7	178