

# Luis Ob Afonso

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

516  
citations

933447

10  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortisol response and immune-related effects of Atlantic salmon ( <i>Salmo salar</i> Linnaeus) subjected to short- and long-term stress. <i>Fish and Shellfish Immunology</i> , 2008, 24, 194-204.	3.6	207
2	Heat-shock responsive genes identified and validated in Atlantic cod ( <i>Gadus morhua</i> ) liver, head kidney and skeletal muscle using genomic techniques. <i>BMC Genomics</i> , 2010, 11, 72.	2.8	72
3	Effects of the Aromatase Inhibitor Fadrozole on Plasma Sex Steroid Secretion and Ovulation Rate in Female Coho Salmon, <i>Oncorhynchus kisutch</i> , Close to Final Maturation. <i>General and Comparative Endocrinology</i> , 1999, 113, 221-229.	1.8	49
4	Effects of the aromatase inhibitor Fadrozole on reproductive steroids and spermiation in male coho salmon ( <i>Oncorhynchus kisutch</i> ) during sexual maturation. <i>Aquaculture</i> , 2000, 188, 175-187.	3.5	36
5	Chronic exposure to increased water temperature reveals few impacts on stress physiology and growth responses in juvenile Atlantic salmon. <i>Aquaculture</i> , 2018, 495, 196-204.	3.5	21
6	Inter-individual and -family differences in the cortisol responsiveness of Atlantic cod ( <i>Gadus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	3.5	18
7	Effects of commercial diets and temperature on the growth performance and stress response of hapuku ( <i>Polyprion oxygeneios</i> ). <i>Aquaculture</i> , 2016, 452, 128-133.	3.5	17
8	The mRNA expression of cortisol axis related genes differs in Atlantic cod ( <i>Gadus morhua</i> ) categorized as high or low responders. <i>General and Comparative Endocrinology</i> , 2012, 175, 311-320.	1.8	16
9	Identifying and managing maladaptive physiological responses to aquaculture stressors. <i>Fish Physiology</i> , 2020, , 163-191.	0.8	14
10	Atlantic salmon ( <i>Salmo salar</i> ) exposed to different preparatory photoperiods during smoltification show varying responses in gill Na <sup>+</sup> /K <sup>+</sup> -ATPase, salinity-specific mRNA transcription and ionocyte differentiation. <i>Aquaculture</i> , 2020, 529, 735744.	3.5	12
11	Fertilizing benefits of biogenic phosphorous nanonutrients on <i>Solanum lycopersicum</i> in soils with variable pH. <i>Heliyon</i> , 2022, 8, e09144.	3.2	12
12	Characterization of smoltification in the Tasmanian strain of Atlantic salmon ( <i>Salmo salar</i> ) in recirculation and flow-through systems. <i>Aquaculture</i> , 2020, 516, 734603.	3.5	9
13	Abiotic factors and aging alter the physicochemical characteristics and toxicity of Phosphorus nanomaterials to zebrafish embryos. <i>NanoImpact</i> , 2022, 25, 100387.	4.5	9
14	Investigation into the trophic transfer and acute toxicity of phosphorus-based nano-agromaterials in <i>Caenorhabditis elegans</i> . <i>NanoImpact</i> , 2021, 23, 100327.	4.5	8
15	Physiological and growth responses of juvenile Atlantic salmon ( <i>Salmo salar</i> ) transferred to seawater during different stages of smolt development. <i>Aquaculture</i> , 2021, 538, 736527.	3.5	6
16	Exposure to biogenic phosphorus nano-agromaterials promotes early hatching and causes no acute toxicity in zebrafish embryos. <i>Environmental Science: Nano</i> , 2022, 9, 1364-1380.	4.3	4
17	Developmental changes in gene expression and gonad morphology during sex differentiation in Atlantic salmon ( <i>Salmo salar</i> ). <i>Gene</i> , 2022, 823, 146393.	2.2	4
18	Uptake and Benefits of Biogenic Phosphorus Nanomaterials Applied via Fertigation to Japonica Rice ( <i>Oryza sativa</i> L. 'Taipai 309') in Low- and High-Calcareous Soil Conditions. <i>ACS Agricultural Science and Technology</i> , 0, , .	2.3	2