

Ignacio Fernández

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,247
citations

394421

19
h-index

361022

35
g-index

43
all docs

43
docs citations

43
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of digestive enzymes in common dentex <i>Dentex dentex</i> during early ontogeny. <i>Aquaculture</i> , 2009, 287, 381-387.	3.5	157
2	Larval performance and skeletal deformities in farmed gilthead sea bream (<i>Sparus aurata</i>) fed with graded levels of Vitamin A enriched rotifers (<i>Brachionus plicatilis</i>). <i>Aquaculture</i> , 2008, 283, 102-115.	3.5	138
3	Zebrafish (<i>Danio rerio</i>) as a model for the study of vaccination against viral haemorrhagic septicemia virus (VHSV). <i>Vaccine</i> , 2006, 24, 5806-5816.	3.8	123
4	Effect of dietary vitamin A on Senegalese sole (<i>Solea senegalensis</i>) skeletogenesis and larval quality. <i>Aquaculture</i> , 2009, 295, 250-265.	3.5	77
5	The effect of vitamin A on flatfish development and skeletogenesis: A review. <i>Aquaculture</i> , 2011, 315, 34-48.	3.5	68
6	Fish as a model to assess chemical toxicity in bone. <i>Aquatic Toxicology</i> , 2018, 194, 208-226.	4.0	41
7	Coordinated gene expression during gilthead sea bream skeletogenesis and its disruption by nutritional hypervitaminosis A. <i>BMC Developmental Biology</i> , 2011, 11, 7.	2.1	39
8	Warfarin, a potential pollutant in aquatic environment acting through Pxr signaling pathway and β -glutamyl carboxylation of vitamin K-dependent proteins. <i>Environmental Pollution</i> , 2014, 194, 86-95.	7.5	39
9	A histological study of the organogenesis of the digestive system in bay snook <i>Petenia splendida</i> Günther, 1862 from hatching to the juvenile stage. <i>Journal of Applied Ichthyology</i> , 2011, 27, 73-82.	0.7	38
10	Protein hydrolysates from yeast and pig blood as alternative raw materials in microdiets for gilthead sea bream (<i>Sparus aurata</i>) larvae. <i>Aquaculture</i> , 2012, 338-341, 96-104.	3.5	38
11	Quantitative assessment of the regenerative and mineralogenic performances of the zebrafish caudal fin. <i>Scientific Reports</i> , 2016, 6, 39191.	3.3	34
12	Comparative analysis of zebrafish bone morphogenetic proteins 2, 4 and 16: molecular and evolutionary perspectives. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 841-857.	5.4	33
13	Senegalese sole bone tissue originated from chondral ossification is more sensitive than dermal bone to high vitamin A content in enriched <i>Artemia</i> . <i>Journal of Applied Ichthyology</i> , 2010, 26, 344-349.	0.7	31
14	Dietary Supplementation with Vitamin K Affects Transcriptome and Proteome of Senegalese Sole, Improving Larval Performance and Quality. <i>Marine Biotechnology</i> , 2014, 16, 522-537.	2.4	30
15	Prolonged feed deprivation does not permanently compromise digestive function in migrating European glass eels <i>Anguilla anguilla</i> . <i>Journal of Fish Biology</i> , 2011, 78, 580-592.	1.6	27
16	Coordinated Regulation of Chromatophore Differentiation and Melanogenesis during the Ontogeny of Skin Pigmentation of <i>Solea senegalensis</i> (Kaup, 1858). <i>PLoS ONE</i> , 2013, 8, e63005.	2.5	27
17	Normal and histopathological organization of the opercular bone and vertebrae in gilthead sea bream <i>Sparus aurata</i> . <i>Aquatic Biology</i> , 2014, 21, 67-84.	1.4	22
18	Multibiomarker response shows how native and non-native freshwater bivalves differentially cope with heatwave events. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 934-943.	2.0	22

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19	Spatiotemporal expression and retinoic acid regulation of bone morphogenetic proteins 2, 4 and 16 in Senegalese sole. <i>Journal of Applied Ichthyology</i> , 2014, 30, 713-720.	0.7	21
20	Circulating small non-coding RNAs provide new insights into vitamin K nutrition and reproductive physiology in teleost fish. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 39-51.	2.4	18
21	Zebrafish vitamin K epoxide reductases: expression in vivo, along extracellular matrix mineralization and under phyloquinone and warfarin in vitro exposure. <i>Fish Physiology and Biochemistry</i> , 2015, 41, 745-759.	2.3	17
22	Vitamin A supplementation enhances Senegalese sole (<i>Solea senegalensis</i>) early juvenile's immunocompetence: New insights on potential underlying pathways. <i>Fish and Shellfish Immunology</i> , 2015, 46, 703-709.	3.6	17
23	Vitamin A Affects Flatfish Development in a Thyroid Hormone Signaling and Metamorphic Stage Dependent Manner. <i>Frontiers in Physiology</i> , 2017, 8, 458.	2.8	17
24	Kisspeptin Influences the Reproductive Axis and Circulating Levels of microRNAs in Senegalese Sole. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9051.	4.1	17
25	Retinoic acid differentially affects in vitro proliferation, differentiation and mineralization of two fish bone-derived cell lines: Different gene expression of nuclear receptors and ECM proteins. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 140, 34-43.	2.5	16
26	Warfarin-exposed zebrafish embryos resembles human warfarin embryopathy in a dose and developmental-time dependent manner “ From molecular mechanisms to environmental concerns. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 559-571.	6.0	16
27	Vitamin A effects on vertebral bone tissue homeostasis in gilthead sea bream (<i>Sparus aurata</i>) juveniles. <i>Journal of Applied Ichthyology</i> , 2012, 28, 419-426.	0.7	14
28	The role of calcium concentration in the invasive capacity of <i>Corbicula fluminea</i> in crystalline basins. <i>Science of the Total Environment</i> , 2017, 580, 1363-1370.	8.0	13
29	The xenobiotic sensor PXR in a marine flatfish species (<i>Solea senegalensis</i>): Gene expression patterns and its regulation under different physiological conditions. <i>Marine Environmental Research</i> , 2017, 130, 187-199.	2.5	13
30	<i>Solea senegalensis</i> skeletal ossification and gene expression patterns during metamorphosis: New clues on the onset of skeletal deformities during larval to juvenile transition. <i>Aquaculture</i> , 2018, 496, 153-165.	3.5	13
31	Development, nutrition, and rearing practices of relevant catfish species (Siluriformes) at early stages. <i>Reviews in Aquaculture</i> , 2022, 14, 73-105.	9.0	13
32	Effects and Safe Inclusion of Narbonne Vetch (<i>Vicia narbonensis</i>) in Rainbow Trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	10
33	Biochemical and molecular responses of the Mediterranean mussel (<i>Mytilus galloprovincialis</i>) to short-term exposure to three commonly prescribed drugs. <i>Marine Environmental Research</i> , 2021, 168, 105309.	2.5	10
34	Vitamin K in Vertebrates“™ Reproduction: Further Puzzling Pieces of Evidence from Teleost Fish Species. <i>Biomolecules</i> , 2020, 10, 1303.	4.0	9
35	Fat-Soluble Vitamins in Fish: A Transcriptional Tissue-Specific Crosstalk that Remains to be Unveiled and Characterized. , 2018, , 159-208.		6
36	Skeletal Development and Deformities in Tench (<i>Tinca tinca</i>): From Basic knowledge to Regular Monitoring Procedure. <i>Animals</i> , 2021, 11, 621.	2.3	6

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37	Larval Development in Tropical Gar (<i>Atractosteus tropicus</i>) Is Dependent on the Embryonic Thermal Regime: Ecological Implications under a Climate Change Context. <i>Fishes</i> , 2022, 7, 16.	1.7	5
38	Selection and improvement of alternative raw materials for rainbow trout (<i>Oncorhynchus mykiss</i>) aquafeeds through a multiparametric screening tool. <i>Animal Feed Science and Technology</i> , 2022, 288, 115284.	2.2	5
39	New Insights on Vitamin K Metabolism in Senegalese sole (<i>Solea senegalensis</i>) Based on Ontogenetic and Tissue-Specific Vitamin K Epoxide Reductase Molecular Data. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3489.	4.1	4
40	3: Neuroendocrine Regulation of Reproduction in Sea Bass (<i>Dicentrarchus Labrax</i>). , 2014, , 128-173.		2
41	Short-term exposure to pharmaceuticals negatively impacts marine flatfish species: Histological, biochemical and molecular clues for an integrated ecosystem risk assessment. <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103822.	4.0	0