

# 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, nutrition, and rearing practices of relevant catfish species (Siluriformes) at early stages. <i>Reviews in Aquaculture</i> , 2022, 14, 73-105.	9.0	13
2	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
3	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
4	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
5	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
6	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
7	Effects and Safe Inclusion of Narbonne Vetch ( <i>Vicia narbonensis</i> ) in Rainbow Trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overload	2.3	10
8	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
9	Vitamin K in Vertebrates™ Reproduction: Further Puzzling Pieces of Evidence from Teleost Fish Species. <i>Biomolecules</i> , 2020, 10, 1303.	4.0	9
10	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
11	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
12	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
13	Multibiomarker response shows how native and non-native freshwater bivalves differentially cope with heat-wave events. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 934-943.	2.0	22
14	Fat-Soluble Vitamins in Fish: A Transcriptional Tissue-Specific Crosstalk that Remains to be Unveiled and Characterized. , 2018, , 159-208.		6
15	Fish as a model to assess chemical toxicity in bone. <i>Aquatic Toxicology</i> , 2018, 194, 208-226.	4.0	41
16	<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
17	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
18	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

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19	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
20	Quantitative assessment of the regenerative and mineralogenic performances of the zebrafish caudal fin. <i>Scientific Reports</i> , 2016, 6, 39191.	3.3	34
21	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
22	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
23	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
24	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
25	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
26	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
27	Warfarin, a potential pollutant in aquatic environment acting through Pxr signaling pathway and $\beta$ -glutamyl carboxylation of vitamin K-dependent proteins. <i>Environmental Pollution</i> , 2014, 194, 86-95.	7.5	39
28	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
29	3: Neuroendocrine Regulation of Reproduction in Sea Bass ( <i>Dicentrarchus Labrax</i> )., 2014, , 128-173.		2
30	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
31	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
32	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
33	The effect of vitamin A on flatfish development and skeletogenesis: A review. <i>Aquaculture</i> , 2011, 315, 34-48.	3.5	68
34	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
35	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
36	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

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37	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
38	Development of digestive enzymes in common dentex <i>Dentex dentex</i> during early ontogeny. <i>Aquaculture</i> , 2009, 287, 381-387.	3.5	157
39	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
40	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
41	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