

LuÃ-s Filipe C Castro

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

4,933
citations

109321

35
h-index

133252

59
g-index

186
all docs

186
docs citations

186
times ranked

5942
citing authors

#	ARTICLE	IF	CITATIONS
1	The male and female gonad transcriptome of the edible sea urchin, <i>Paracentrotus lividus</i> : Identification of sex-related and lipid biosynthesis genes. <i>Aquaculture Reports</i> , 2022, 22, 100936.	1.7	6
2	The Preservation of PPAR β Genome Duplicates in Some Teleost Lineages: Insights into Lipid Metabolism and Xenobiotic Exploitation. <i>Genes</i> , 2022, 13, 107.	2.4	5
3	A multi-tasking stomach: functional coexistence of acid β -peptic digestion and defensive body inflation in three distantly related vertebrate lineages. <i>Biology Letters</i> , 2022, 18, 20210583.	2.3	4
4	Neuroendocrine pathways at risk? Simvastatin induces inter and transgenerational disruption in the keystone amphipod <i>Gammarus locusta</i> . <i>Aquatic Toxicology</i> , 2022, 244, 106095.	4.0	5
5	A zebrafish ppar β gene deletion reveals a protein kinase network associated with defective lipid metabolism. <i>Functional and Integrative Genomics</i> , 2022, 22, 435-450.	3.5	3
6	A mitochondrial genome assembly of the opal chimaera, <i>Chimaera opalescens</i> Luchetti, Iglesias et Sellos 2011, using PacBio HiFi long reads. <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 434-437.	0.4	1
7	From Extrapolation to Precision Chemical Hazard Assessment: The Ecdysone Receptor Case Study. <i>Toxics</i> , 2022, 10, 6.	3.7	2
8	The repertoire of the elongation of very long-chain fatty acids (Elovl) protein family is conserved in tambaqui (<i>Colossoma macropomum</i>): Gene expression profiles offer insights into the sexual differentiation process. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 261, 110749.	1.6	5
9	Convergent Cortistatin losses parallel modifications in circadian rhythmicity and energy homeostasis in Cetacea and other mammalian lineages. <i>Genomics</i> , 2021, 113, 1064-1070.	2.9	7
10	Shedding light on the Chimaeridae taxonomy: the complete mitochondrial genome of the cartilaginous fish <i>Hydrolagus mirabilis</i> (Collett, 1904) (Holocephali: Chimaeridae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 420-422.	0.4	2
11	Proteogenomic Characterization of the Cement and Adhesive Gland of the Pelagic Gooseneck Barnacle <i>Lepas anatifera</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3370.	4.1	8
12	The Crown Pearl: a draft genome assembly of the European freshwater pearl mussel <i>Margaritifera margaritifera</i> (Linnaeus, 1758). <i>DNA Research</i> , 2021, 28, .	3.4	15
13	Regulation of gene expression associated with LC ω -PUFA metabolism in juvenile tambaqui (<i>Colossoma</i>) Tj ETQq1 1 0.784314 rgBT /O	1.8	1
14	The complete mitochondrial genome of the endemic Iberian pygmy skate <i>Neoraja iberica</i> Stehmann, SÁ©ret, Costa, & Baro 2008 (Elasmobranchii, Rajidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 848-850.	0.4	1
15	Complete mitogenome of the Oven's halosaur, <i>Halosaurus ovenii</i> (Elopomorpha;) Tj ETQq1 1 0.784314 rgBT /O	0.4	0
16	Brain and testis: more alike than previously thought?. <i>Open Biology</i> , 2021, 11, 200322.	3.6	29
17	A network-based approach to identify protein kinases critical for regulating srebf1 in lipid deposition causing obesity. <i>Functional and Integrative Genomics</i> , 2021, 21, 557-570.	3.5	9
18	A Highly Complex, MHC-Linked, 350 Million-Year-Old Shark Nonclassical Class I Lineage. <i>Journal of Immunology</i> , 2021, 207, 824-836.	0.8	7

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19	Functional or Vestigial? The Genomics of the Pineal Gland in Xenarthra. <i>Journal of Molecular Evolution</i> , 2021, 89, 565-575.	1.8	4
20	Evolution and Functional Characteristics of the Novel <i>elovl8</i> That Play Pivotal Roles in Fatty Acid Biosynthesis. <i>Genes</i> , 2021, 12, 1287.	2.4	16
21	A drastic shift in the energetic landscape of toothed whale sperm cells. <i>Current Biology</i> , 2021, 31, 3648-3655.e9.	3.9	8
22	Complete mitochondrial genome of the ragworm annelid <i>Hediste diversicolor</i> (of Müller, 1776) (Annelida: Nereididae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2849-2851.	0.4	5
23	Convergent Loss of the Necroptosis Pathway in Disparate Mammalian Lineages Shapes Viruses Countermeasures. <i>Frontiers in Immunology</i> , 2021, 12, 747737.	4.8	14
24	An ancestral nuclear receptor couple, PPAR-RXR, is exploited by organotins. <i>Science of the Total Environment</i> , 2021, 797, 149044.	8.0	7
25	Biofortified Diets Containing Algae and Selenised Yeast: Effects on Growth Performance, Nutrient Utilization, and Tissue Composition of Gilthead Seabream (<i>Sparus aurata</i>). <i>Frontiers in Physiology</i> , 2021, 12, 812884.	2.8	10
26	Collection And Life Support In A Hyperbaric System For Deep-Sea Organisms. , 2021, , .		0
27	Molluscan genomics: the road so far and the way forward. <i>Hydrobiologia</i> , 2020, 847, 1705-1726.	2.0	54
28	Embryo bioassays with aquatic animals for toxicity testing and hazard assessment of emerging pollutants: A review. <i>Science of the Total Environment</i> , 2020, 705, 135740.	8.0	32
29	<i>fat-1</i> transgenic zebrafish are protected from abnormal lipid deposition induced by high-vegetable oil feeding. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7355-7365.	3.6	9
30	Liver transcriptome resources of four commercially exploited teleost species. <i>Scientific Data</i> , 2020, 7, 214.	5.3	4
31	Transgenerational inheritance of chemical-induced signature: A case study with simvastatin. <i>Environment International</i> , 2020, 144, 106020.	10.0	13
32	Transcriptomic data on the transgenerational exposure of the keystone amphipod <i>Gammarus locusta</i> to simvastatin. <i>Data in Brief</i> , 2020, 32, 106248.	1.0	7
33	A new gene order in the mitochondrial genome of the deep-sea diaphanous hatchet fish <i>Sternoptyx diaphana</i> Hermann, 1781 (Stomiiformes: Sternoptychidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2850-2852.	0.4	2
34	Cartilaginous fish class II genes reveal unprecedented old allelic lineages and confirm the late evolutionary emergence of DM. <i>Molecular Immunology</i> , 2020, 128, 125-138.	2.2	6
35	The complete mitochondrial genome of the deep-water cartilaginous fish <i>Hydrolagus affinis</i> (de Brito Capello, 1868) (Holocephali: Chimaeridae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1810-1812.	0.4	5
36	Constructing the mitochondrial genome of the Peruvian grunt <i>Anisotremus scapularis</i> Tschudi, 1846 (Lutjaniformes: Haemulidae) using RNA-seq data. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1921-1923.	0.4	1

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37	PseudoChecker: an integrated online platform for gene inactivation inference. <i>Nucleic Acids Research</i> , 2020, 48, W321-W331.	14.5	14
38	Data collection on the use of embryo bioassays with aquatic animals for toxicity testing and hazard assessment of emerging pollutants. <i>Data in Brief</i> , 2020, 29, 105220.	1.0	2
39	Complete mitogenome of the shortfin spiny eel, <i>Notacanthus bonaparte</i> (Elopomorpha); Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.4	1
40	Cartilaginous fishes offer unique insights into the evolution of the nuclear receptor gene repertoire in gnathostomes. <i>General and Comparative Endocrinology</i> , 2020, 295, 113527.	1.8	22
41	A draft genome sequence of the elusive giant squid, <i>Architeuthis dux</i> . <i>GigaScience</i> , 2020, 9, .	6.4	37
42	The Echinodermata PPAR: Functional characterization and exploitation by the model lipid homeostasis regulator tributyltin. <i>Environmental Pollution</i> , 2020, 263, 114467.	7.5	9
43	Of Retinoids and Organotins: The Evolution of the Retinoid X Receptor in Metazoa. <i>Biomolecules</i> , 2020, 10, 594.	4.0	15
44	Diets supplemented with <i>Saccharina latissima</i> influence the expression of genes related to lipid metabolism and oxidative stress modulating rainbow trout (<i>Oncorhynchus mykiss</i>) fillet composition. <i>Food and Chemical Toxicology</i> , 2020, 140, 111332.	3.6	23
45	The fatty acid elongation genes <i>elovl4a</i> and <i>elovl4b</i> are present and functional in the genome of tambaqui (<i>Colossoma macropomum</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 245, 110447.	1.6	9
46	The Quantitative Proteome of the Cement and Adhesive Gland of the Pedunculate Barnacle, <i>Pollicipes pollicipes</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 2524.	4.1	13
47	Losing Genes: The Evolutionary Remodeling of Cetacea Skin. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	15
48	Linking chemical exposure to lipid homeostasis: A municipal waste water treatment plant influent is obesogenic for zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109406.	6.0	21
49	Identification of a Novel Nucleobase-Ascorbate Transporter Family Member in Fish and Amphibians. <i>Fishes</i> , 2019, 4, 1.	1.7	11
50	The retinoic acid receptor (RAR) in molluscs: Function, evolution and endocrine disruption insights. <i>Aquatic Toxicology</i> , 2019, 208, 80-89.	4.0	20
51	Molecular ontogeny of the stomach in the catshark <i>Scyliorhinus canicula</i> . <i>Scientific Reports</i> , 2019, 9, 586.	3.3	4
52	The evolution of S100A7: an unusual gene expansion in <i>Myotis</i> bats. <i>BMC Evolutionary Biology</i> , 2019, 19, 102.	3.2	9
53	The evolutionary road to invertebrate thyroid hormone signaling: Perspectives for endocrine disruption processes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 223, 124-138.	2.6	11
54	Tributyltin Affects Retinoid X Receptor-Mediated Lipid Metabolism in the Marine Rotifer <i>Brachionus koreanus</i> . <i>Environmental Science & Technology</i> , 2019, 53, 7830-7839.	10.0	17

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55	Evolutionary Plasticity in Detoxification Gene Modules: The Preservation and Loss of the Pregnane X Receptor in Chondrichthyes Lineages. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2331.	4.1	7
56	Convergent inactivation of the skin-specific C-C motif chemokine ligand 27 in mammalian evolution. <i>Immunogenetics</i> , 2019, 71, 363-372.	2.4	9
57	Complete Inactivation of Sebum-Producing Genes Parallels the Loss of Sebaceous Glands in Cetacea. <i>Molecular Biology and Evolution</i> , 2019, 36, 1270-1280.	8.9	30
58	Ecotoxicology of deep-sea environments: Functional and biochemical effects of suspended sediments in the model species <i>Mytilus galloprovincialis</i> under hyperbaric conditions. <i>Science of the Total Environment</i> , 2019, 670, 218-225.	8.0	12
59	From the Amazon: A comprehensive liver transcriptome dataset of the teleost fish tambaqui, <i>Colossoma macropomum</i> . <i>Data in Brief</i> , 2019, 23, 103751.	1.0	3
60	Dietary Creatine Supplementation in Gilthead Seabream (<i>Sparus aurata</i>) Increases Dorsal Muscle Area and the Expression of <i>myod1</i> and <i>capn1</i> Genes. <i>Frontiers in Endocrinology</i> , 2019, 10, 161.	3.5	14
61	The Singularity of Cetacea Behavior Parallels the Complete Inactivation of Melatonin Gene Modules. <i>Genes</i> , 2019, 10, 121.	2.4	34
62	An Orthologue of the Retinoic Acid Receptor (RAR) Is Present in the Ecdysozoa Phylum Priapulida. <i>Genes</i> , 2019, 10, 985.	2.4	9
63	Comparative Analysis of the Adhesive Proteins of the Adult Stalked Goose Barnacle <i>Pollicipes pollicipes</i> (Cirripedia: Pedunculata). <i>Marine Biotechnology</i> , 2019, 21, 38-51.	2.4	33
64	An important resource for understanding bio-adhesion mechanisms: Cement gland transcriptomes of two goose barnacles, <i>Pollicipes pollicipes</i> and <i>Lepas anatifera</i> (Cirripedia, Thoracica). <i>Marine Genomics</i> , 2019, 45, 16-20.	1.1	11
65	Silencing of PPAR β mRNA in brown trout primary hepatocytes: effects on molecular and morphological targets under the influence of an estrogen and a PPAR β agonist. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 229, 1-9.	1.6	3
66	A complete enzymatic capacity for long-chain polyunsaturated fatty acid biosynthesis is present in the Amazonian teleost tambaqui, <i>Colossoma macropomum</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 227, 90-97.	1.6	36
67	The dopamine receptor D ₅ gene shows signs of independent erosion in toothed and baleen whales. <i>PeerJ</i> , 2019, 7, e7758.	2.0	7
68	The last frontier: Coupling technological developments with scientific challenges to improve hazard assessment of deep-sea mining. <i>Science of the Total Environment</i> , 2018, 627, 1505-1514.	8.0	25
69	The cycling gonad: retinoic acid synthesis and degradation patterns during adult zebrafish <i>Danio rerio</i> oogenesis. <i>Journal of Fish Biology</i> , 2018, 92, 1051-1064.	1.6	5
70	Cultural Heritage Resources Profiling. , 2018, , .		5
71	A resource for sustainable management: De novo assembly and annotation of the liver transcriptome of the Atlantic chub mackerel, <i>Scomber colias</i> . <i>Data in Brief</i> , 2018, 18, 276-284.	1.0	7
72	Genes for de novo biosynthesis of omega-3 polyunsaturated fatty acids are widespread in animals. <i>Science Advances</i> , 2018, 4, eaar6849.	10.3	252

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73	17 β -ethynylestradiol and tributyltin mixtures modulates the expression of NER and p53 DNA repair pathways in male zebrafish gonads and disrupt offspring embryonic development. <i>Ecological Indicators</i> , 2018, 95, 1008-1018.	6.3	7
74	De novo assembly of the kidney and spleen transcriptomes of the cosmopolitan blue shark, <i>Prionace glauca</i> . <i>Marine Genomics</i> , 2018, 37, 50-53.	1.1	6
75	Amphioxus functional genomics and the origins of vertebrate gene regulation. <i>Nature</i> , 2018, 564, 64-70.	27.8	224
76	Evolutionary Exploitation of Vertebrate Peroxisome Proliferator-Activated Receptor β by Organotin. <i>Environmental Science & Technology</i> , 2018, 52, 13951-13959.	10.0	21
77	Out of the Canals: A Draft Genome Assembly, Liver Transcriptome, and Nutrigenomics of the European Sardine, <i>Sardina pilchardus</i> . <i>Genes</i> , 2018, 9, 485.	2.4	30
78	Retention of fatty acyl desaturase 1 (fads1) in Elopomorpha and Cyclostomata provides novel insights into the evolution of long-chain polyunsaturated fatty acid biosynthesis in vertebrates. <i>BMC Evolutionary Biology</i> , 2018, 18, 157.	3.2	40
79	Cetacea are natural knockouts for IL20. <i>Immunogenetics</i> , 2018, 70, 681-687.	2.4	19
80	Expansion, retention and loss in the Acyl-CoA synthetase Bubblegum (Acsbg) gene family in vertebrate history. <i>Gene</i> , 2018, 664, 111-118.	2.2	16
81	Identifying the gaps: Resources and perspectives on the use of nuclear receptor based-assays to improve hazard assessment of emerging contaminants. <i>Journal of Hazardous Materials</i> , 2018, 358, 508-511.	12.4	24
82	Sex-steroids and hypolipidemic chemicals impacts on brown trout lipid and peroxisome signaling Molecular, biochemical and morphological insights. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 212, 1-17.	2.6	12
83	Polyunsaturated Fatty Acid Biosynthesis and Metabolism in Fish. , 2018, , 31-60.		35
84	Total substitution of dietary fish oil by vegetable oils stimulates muscle hypertrophic growth in Senegalese sole and the upregulation of fgf6. <i>Food and Function</i> , 2017, 8, 1869-1879.	4.6	15
85	Cross-interference of two model peroxisome proliferators in peroxisomal and estrogenic pathways in brown trout hepatocytes. <i>Aquatic Toxicology</i> , 2017, 187, 153-162.	4.0	8
86	Genome specific PPAR β duplicates in salmonids and insights into estrogenic regulation in brown trout. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 208-209, 94-101.	1.6	11
87	Two alternative pathways for docosahexaenoic acid (DHA, 22:6n-3) biosynthesis are widespread among teleost fish. <i>Scientific Reports</i> , 2017, 7, 3889.	3.3	102
88	Cloning and functional characterization of a retinoid X receptor orthologue in <i>Platynereis dumerilii</i> : An evolutionary and toxicological perspective. <i>Chemosphere</i> , 2017, 182, 753-761.	8.2	15
89	Testosterone-induced modulation of peroxisomal morphology and peroxisome-related gene expression in brown trout (<i>Salmo trutta f. fario</i>) primary hepatocytes. <i>Aquatic Toxicology</i> , 2017, 193, 30-39.	4.0	5
90	Obesogens in the aquatic environment: an evolutionary and toxicological perspective. <i>Environment International</i> , 2017, 106, 153-169.	10.0	40

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91	Simvastatin modulates gene expression of key receptors in zebrafish embryos. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 465-476.	2.3	21
92	Molecular and functional characterization of a fads2 orthologue in the Amazonian teleost, <i>Arapaima gigas</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 203, 84-91.	1.6	28
93	LXR ¹ and LXR ² nuclear receptors evolved in the common ancestor of gnathostomes. <i>Genome Biology and Evolution</i> , 2017, 9, evw305.	2.5	10
94	Unusual loss of chymosin in mammalian lineages parallels neo-natal immune transfer strategies. <i>Molecular Phylogenetics and Evolution</i> , 2017, 116, 78-86.	2.7	15
95	The Gastric Phenotype in the Cypriniform Loaches: A Case of Reinvention?. <i>PLoS ONE</i> , 2016, 11, e0163696.	2.5	8
96	Evolutionary functional elaboration of the Elov2/5 gene family in chordates. <i>Scientific Reports</i> , 2016, 6, 20510.	3.3	60
97	Multi-matrix quantification and risk assessment of pesticides in the longest river of the Iberian peninsula. <i>Science of the Total Environment</i> , 2016, 572, 263-272.	8.0	23
98	Peroxisome proliferator-activated receptor gamma (PPAR ^γ) in brown trout: Interference of estrogenic and androgenic inputs in primary hepatocytes. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 328-336.	4.0	9
99	A cytosolic carbonic anhydrase molecular switch occurs in the gills of metamorphic sea lamprey. <i>Scientific Reports</i> , 2016, 6, 33954.	3.3	20
100	Dietary Oil Source and Selenium Supplementation Modulate <i>Fads2</i> and <i>Elov5</i> Transcriptional Levels in Liver and Brain of Meagre (<i>Argyrosomus regius</i>). <i>Lipids</i> , 2016, 51, 729-741.	1.7	18
101	Retinoid level dynamics during gonad recycling in the limpet <i>Patella vulgata</i> . <i>General and Comparative Endocrinology</i> , 2016, 225, 142-148.	1.8	10
102	A mollusk VDR/PXR/CAR-like (NR1J) nuclear receptor provides insight into ancient detoxification mechanisms. <i>Aquatic Toxicology</i> , 2016, 174, 61-69.	4.0	16
103	Statins: An undesirable class of aquatic contaminants?. <i>Aquatic Toxicology</i> , 2016, 174, 1-9.	4.0	53
104	Long-chain polyunsaturated fatty acid biosynthesis in chordates: Insights into the evolution of Fads and Elov gene repertoire. <i>Progress in Lipid Research</i> , 2016, 62, 25-40.	11.6	312
105	Acyl-coenzyme A oxidases 1 and 3 in brown trout (<i>Salmo trutta f. fario</i>): Can peroxisomal fatty acid β -oxidation be regulated by estrogen signaling?. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 389-401.	2.3	19
106	Moulds, Graminhos and Ribbands: a pilot study of the construction of saveiros in Valença and the Baía de Todos os Santos area, Brazil. <i>International Journal of Nautical Archaeology</i> , 2015, 44, 410-422.	0.5	3
107	Underwater Photogrammetry and Object Modeling: A Case Study of Xlendi Wreck in Malta. <i>Sensors</i> , 2015, 15, 30351-30384.	3.8	58
108	The Mammalian α -Obesogen Tributyltin Targets Hepatic Triglyceride Accumulation and the Transcriptional Regulation of Lipid Metabolism in the Liver and Brain of Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0143911.	2.5	86

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109	Basal Gnathostomes Provide Unique Insights into the Evolution of Vitamin B12 Binders. <i>Genome Biology and Evolution</i> , 2015, 7, 457-464.	2.5	6
110	Chronic effects of clofibric acid in zebrafish (<i>Danio rerio</i>): A multigenerational study. <i>Aquatic Toxicology</i> , 2015, 160, 76-86.	4.0	49
111	Effects of Tributyltin and Other Retinoid Receptor Agonists in Reproductive-Related Endpoints in the Zebrafish (<i>Danio rerio</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 747-760.	2.3	29
112	Effects of the PPAR α agonist WY-14,643 on plasma lipids, enzymatic activities and mRNA expression of lipid metabolism genes in a marine flatfish, <i>Scophthalmus maximus</i> . <i>Aquatic Toxicology</i> , 2015, 164, 155-162.	4.0	15
113	Evaluation of the Impact of Different Soil Salinization Processes on Organic and Mineral Soils. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	22
114	Estrogenic and anti-estrogenic influences in cultured brown trout hepatocytes: Focus on the expression of some estrogen and peroxisomal related genes and linked phenotypic anchors. <i>Aquatic Toxicology</i> , 2015, 169, 133-142.	4.0	14
115	Expression of intercellular lipid transport and cholesterol metabolism genes in eggs and early larvae stages of turbot, <i>Scophthalmus maximus</i> , a marine aquaculture species. <i>Marine Biology</i> , 2015, 162, 1673-1683.	1.5	10
116	The Origin and Diversity of Cpt1 Genes in Vertebrate Species. <i>PLoS ONE</i> , 2015, 10, e0138447.	2.5	16
117	A Mollusk Retinoic Acid Receptor (RAR) Ortholog Sheds Light on the Evolution of Ligand Binding. <i>Endocrinology</i> , 2014, 155, 4275-4286.	2.8	43
118	Recurrent gene loss correlates with the evolution of stomach phenotypes in gnathostome history. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132669.	2.6	65
119	<i>To Bind or Not To Bind</i>: The Taxonomic Scope of Nuclear Receptor Mediated Endocrine Disruption in Invertebrate Phyla. <i>Environmental Science & Technology</i> , 2014, 48, 5361-5363.	10.0	37
120	Retinoid metabolism in invertebrates: When evolution meets endocrine disruption. <i>General and Comparative Endocrinology</i> , 2014, 208, 134-145.	1.8	26
121	Imposex development in <i>Hexaplex trunculus</i> (Gastropoda: Caenogastropoda) involves changes in the transcription levels of the retinoid X receptor (RXR). <i>Chemosphere</i> , 2013, 93, 1161-1167.	8.2	13
122	Tissue expression of PPAR-alpha isoforms in <i>Scophthalmus maximus</i> and transcriptional response of target genes in the heart after exposure to WY-14643. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1043-1055.	2.3	13
123	Normalization strategies for gene expression studies by real-time PCR in a marine fish species, <i>Scophthalmus maximus</i> . <i>Marine Genomics</i> , 2013, 10, 17-25.	1.1	35
124	Differences in retinoid levels and metabolism among gastropod lineages: Imposex-susceptible gastropods lack the ability to store retinoids in the form of retinyl esters. <i>Aquatic Toxicology</i> , 2013, 142-143, 96-103.	4.0	14
125	Estrogenic chemical effects are independent from the degree of sex role reversal in pipefish. <i>Journal of Hazardous Materials</i> , 2013, 263, 746-753.	12.4	15
126	Diversity and history of the long-chain acyl-CoA synthetase (Acsl) gene family in vertebrates. <i>BMC Evolutionary Biology</i> , 2013, 13, 271.	3.2	60

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127	Tonnages and displacements in the 16th century. <i>Journal of Archaeological Science</i> , 2013, 40, 1136-1143.	2.4	3
128	Pex11± in brown trout (<i>Salmo trutta f. fario</i>): Expression dynamics during the reproductive cycle reveals sex-specific seasonal patterns. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 164, 207-214.	1.8	4
129	Cloning and expression analysis of the 17 ^β hydroxysteroid dehydrogenase type 12 (HSD17B12) in the neogastropod <i>Nucella lapillus</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 134, 8-14.	2.5	19
130	Dynamics of PPARs, fatty acid metabolism genes and lipid classes in eggs and early larvae of a teleost. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 164, 247-258.	1.6	40
131	The Evolutionary Portrait of Metazoan NAD Salvage. <i>PLoS ONE</i> , 2013, 8, e64674.	2.5	8
132	A defined Oct4 level governs cell state transitions of pluripotency entry and differentiation into all embryonic lineages. <i>Nature Cell Biology</i> , 2013, 15, 579-590.	10.3	195
133	A real-time PCR assay for differential expression of vitellogenin I and II genes in the liver of the sentinel fish species <i>Lipophrys pholis</i> . <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 591-597.	2.7	2
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