

Oliana Carnevali

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/475688/publications.pdf>

Version: 2024-02-01

224
papers

15,386
citations

25034

57
h-index

20358

116
g-index

233
all docs

233
docs citations

233
times ranked

22046
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Plasticenta: First evidence of microplastics in human placenta. <i>Environment International</i> , 2021, 146, 106274.	10.0	1,225
3	Microbial manipulations to improve fish health and production – A Mediterranean perspective. <i>Fish and Shellfish Immunology</i> , 2011, 30, 1-16.	3.6	362
4	Growth improvement by probiotic in European sea bass juveniles (<i>Dicentrarchus labrax</i> , L.), with particular attention to IGF-1, myostatin and cortisol gene expression. <i>Aquaculture</i> , 2006, 258, 430-438.	3.5	248
5	Oxidative Stress and Antioxidant Defense in Fish: The Implications of Probiotic, Prebiotic, and Synbiotics. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 198-217.	9.1	208
6	<i>Lactobacillus rhamnosus</i> lowers zebrafish lipid content by changing gut microbiota and host transcription of genes involved in lipid metabolism. <i>Scientific Reports</i> , 2015, 5, 9336.	3.3	194
7	Expression of immune-related genes in rainbow trout (<i>Oncorhynchus mykiss</i>) induced by probiotic bacteria during <i>Lactococcus garvieae</i> infection. <i>Fish and Shellfish Immunology</i> , 2011, 31, 196-201.	3.6	193
8	Raman Microspectroscopy Detection and Characterisation of Microplastics in Human Breastmilk. <i>Polymers</i> , 2022, 14, 2700.	4.5	190
9	Early treatment with <i>Lactobacillus delbrueckii</i> strain induces an increase in intestinal T-cells and granulocytes and modulates immune-related genes of larval <i>Dicentrarchus labrax</i> (L.). <i>Fish and Shellfish Immunology</i> , 2009, 26, 368-376.	3.6	180
10	Probiotic <i>Pediococcus acidilactici</i> modulates both localised intestinal- and peripheral-immunity in tilapia (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2013, 35, 1097-1104.	3.6	164
11	Dietary synbiotic application modulates Atlantic salmon (<i>Salmo salar</i>) intestinal microbial communities and intestinal immunity. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1948-1956.	3.6	160
12	Yolk Formation and Degradation during Oocyte Maturation in Seabream <i>Sparus aurata</i> : Involvement of Two Lysosomal Proteinases. <i>Biology of Reproduction</i> , 1999, 60, 140-146.	2.7	157
13	Administration of Probiotic Strain to Improve Sea Bream Wellness during Development. <i>Aquaculture International</i> , 2004, 12, 377-386.	2.2	140
14	Live microbial feed supplement in aquaculture for improvement of stress tolerance. <i>Fish Physiology and Biochemistry</i> , 2006, 32, 167-177.	2.3	139
15	Role of cathepsins in ovarian follicle growth and maturation. <i>General and Comparative Endocrinology</i> , 2006, 146, 195-203.	1.8	137
16	BPA-Induced Deregulation Of Epigenetic Patterns: Effects On Female Zebrafish Reproduction. <i>Scientific Reports</i> , 2016, 6, 21982.	3.3	134
17	Effects of administration of probiotic strains on GALT of larval gilthead seabream: Immunohistochemical and ultrastructural studies. <i>Fish and Shellfish Immunology</i> , 2007, 22, 57-67.	3.6	129
18	DEHP Impairs Zebrafish Reproduction by Affecting Critical Factors in Oogenesis. <i>PLoS ONE</i> , 2010, 5, e10201.	2.5	126

#	ARTICLE	IF	CITATIONS
19	Lactobacillus rhamnosus Accelerates Zebrafish Backbone Calcification and Gonadal Differentiation through Effects on the GnRH and IGF Systems. PLoS ONE, 2012, 7, e45572.	2.5	116
20	Effect of dietary probiotics on clownfish: a molecular approach to define how lactic acid bacteria modulate development in a marine fish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R359-R371.	1.8	107
21	Integrated control of fish metabolism, wellbeing and reproduction: The role of probiotic. Aquaculture, 2017, 472, 144-155.	3.5	101
22	Breeding and rearing the longsnout seahorse Hippocampus reidi: Rearing and feeding studies. Aquaculture, 2008, 283, 92-96.	3.5	97
23	Application of multi-species of Bacillus in sea bream larviculture. Aquaculture, 2010, 305, 12-19.	3.5	95
24	Increase of fecundity by probiotic administration in zebrafish (Danio rerio). Reproduction, 2010, 140, 953-959.	2.6	94
25	Multihormonal Control of Vitellogenesis in Lower Vertebrates. International Review of Cytology, 2004, 239, 1-46.	6.2	89
26	Probiotic treatment reduces appetite and glucose level in the zebrafish model. Scientific Reports, 2016, 6, 18061.	3.3	85
27	Exposure to xenobiotic compounds: looking for new biomarkers. General and Comparative Endocrinology, 2003, 131, 203-208.	1.8	83
28	Effects of probiotic administration on zebrafish development and reproduction. General and Comparative Endocrinology, 2013, 188, 297-302.	1.8	83
29	Dietary lipid content reorganizes gut microbiota and probiotic L. rhamnosus attenuates obesity and enhances catabolic hormonal milieu in zebrafish. Scientific Reports, 2017, 7, 5512.	3.3	83
30	Environmental Estrogens and Reproductive Biology in Amphibians. General and Comparative Endocrinology, 2002, 126, 125-129.	1.8	82
31	Melatonin Induces Follicle Maturation in Danio rerio. PLoS ONE, 2011, 6, e19978.	2.5	80
32	Appetite regulation: The central role of melatonin in Danio rerio. Hormones and Behavior, 2010, 58, 780-785.	2.1	79
33	Transgenerational effects of BPA on female reproduction. Science of the Total Environment, 2019, 685, 1294-1305.	8.0	79
34	Molecular Cloning and Expression of Ovarian Cathepsin D in Seabream, Sparus aurata1. Biology of Reproduction, 1999, 61, 785-791.	2.7	78
35	Gilthead Seabream (Sparus aurata) Vitellogenin: Purification, Partial Characterization, and Validation of an Enzyme-Linked Immunosorbent Assay (ELISA). General and Comparative Endocrinology, 1998, 110, 252-261.	1.8	77
36	Effects of BPA on female reproductive function: The involvement of epigenetic mechanism. General and Comparative Endocrinology, 2017, 245, 122-126.	1.8	77

#	ARTICLE	IF	CITATIONS
37	Derivation of Major Yolk Proteins from Parental Vitellogenins and Alternative Processing During Oocyte Maturation in <i>Fundulus heteroclitus</i> . <i>Biology of Reproduction</i> , 2005, 73, 815-824.	2.7	76
38	Changes of lysosomal enzyme activities in sea bass (<i>Dicentrarchus labrax</i>) eggs and developing embryos. <i>Aquaculture</i> , 2001, 202, 249-256.	3.5	75
39	Temporary impairment of reproduction in freshwater teleost exposed to nonylphenol. <i>Reproductive Toxicology</i> , 2004, 18, 597-604.	2.9	73
40	Effects of cadmium exposure on testis apoptosis in the marine teleost <i>Gobius niger</i> . <i>General and Comparative Endocrinology</i> , 2005, 142, 241-247.	1.8	73
41	Molecular characterisation of ovarian cathepsin D in the rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Gene</i> , 1997, 201, 45-54.	2.2	71
42	The use of harpacticoid copepods as live prey for <i>Amphiprion clarkii</i> larviculture: Effects on larval survival and growth. <i>Aquaculture</i> , 2008, 274, 347-352.	3.5	71
43	Probiotics Can Induce Follicle Maturational Competence: The <i>Danio rerio</i> Case. <i>Biology of Reproduction</i> , 2012, 86, 65.	2.7	71
44	Coral reef fish breeding: the secrets of each species. <i>Aquaculture</i> , 2003, 224, 69-78.	3.5	70
45	Spawning, early development, and first feeding in the lemonpeel angelfish <i>Centropyge flavissimus</i> . <i>Aquaculture</i> , 2006, 253, 270-278.	3.5	70
46	Breeding, rearing and feeding studies in the cleaner goby <i>Gobiosoma evelynae</i> . <i>Aquaculture</i> , 2005, 250, 175-182.	3.5	69
47	Lipid Metabolism Alteration by Endocrine Disruptors in Animal Models: An Overview. <i>Frontiers in Endocrinology</i> , 2018, 9, 654.	3.5	68
48	Gonadotropins and Reproductive Function in the Anuran Amphibian, <i>Rana Esculenta</i> . <i>Biology of Reproduction</i> , 1998, 58, 88-93.	2.7	67
49	Bisphenol A Induces Fatty Liver by an Endocannabinoid-Mediated Positive Feedback Loop. <i>Endocrinology</i> , 2016, 157, 1751-1763.	2.8	67
50	Assay of vtg, ERs and PPARs as endpoint for the rapid in vitro screening of the harmful effect of Di-(2-ethylhexyl)-phthalate (DEHP) and phthalic acid (PA) in zebrafish primary hepatocyte cultures. <i>Toxicology in Vitro</i> , 2013, 27, 84-91.	2.4	66
51	The Influence of Probiotics on Zebrafish <i>Danio Rerio</i> Innate Immunity and Hepatic Stress. <i>Zebrafish</i> , 2014, 11, 98-106.	1.1	66
52	Breeding and rearing the Sunrise Dottyback <i>Pseudochromis flavivertex</i> : the importance of live prey enrichment during larval development. <i>Aquaculture</i> , 2006, 255, 480-487.	3.5	65
53	Endocrine-disrupting chemicals in aquatic environment: what are the risks for fish gametes?. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 1561-1576.	2.3	63
54	The role of fatty acids enrichments in the larviculture of false percula clownfish <i>Amphiprion ocellaris</i> . <i>Aquaculture</i> , 2007, 273, 87-95.	3.5	62

#	ARTICLE	IF	CITATIONS
55	Hormonal regulation of hepatic IGF-I and IGF-II gene expression in the Marine Teleost <i>Sparus aurata</i> . <i>Molecular Reproduction and Development</i> , 2005, 71, 12-18.	2.0	61
56	Effects of <i>Lactobacillus rhamnosus</i> on zebrafish oocyte maturation: an FTIR imaging and biochemical analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 3063-3072.	3.7	60
57	Interplay between autophagy and apoptosis in the development of <i>Danio rerio</i> follicles and the effects of a probiotic. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1115.	0.4	59
58	Di-(2-ethylhexyl)-phthalate disrupts pituitary and testicular hormonal functions to reduce sperm quality in mature goldfish. <i>Aquatic Toxicology</i> , 2015, 163, 16-26.	4.0	58
59	Effects of diethylene glycol dibenzoate and Bisphenol A on the lipid metabolism of <i>Danio rerio</i> . <i>Science of the Total Environment</i> , 2018, 636, 641-655.	8.0	58
60	Effect of dietary alginic acid on juvenile tilapia (<i>Oreochromis niloticus</i>) intestinal microbial balance, intestinal histology and growth performance. <i>Cell and Tissue Research</i> , 2011, 344, 135-146.	2.9	57
61	Molecular aspects of oocyte vitellogenesis in fish. , 2007, , 39-76.		57
62	Vitellogenin, zona radiata protein, cathepsin D and heat shock protein 70 as biomarkers of exposure to xenobiotics. <i>Biomarkers</i> , 2007, 12, 240-255.	1.9	54
63	The use of the Mediterranean calanoid copepod <i>Centropages typicus</i> in Yellowtail clownfish (<i>Amphiprion clarkii</i>) larviculture. <i>Aquaculture</i> , 2008, 284, 211-216.	3.5	54
64	Probiotic Supplementation Promotes Calcification in <i>Danio rerio</i> Larvae: A Molecular Study. <i>PLoS ONE</i> , 2013, 8, e83155.	2.5	53
65	Live prey enrichment, with particular emphasis on HUFAs, as limiting factor in false percula clownfish (<i>Amphiprion ocellaris</i> , Pomacentridae) larval development and metamorphosis: Molecular and biochemical implications. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 159, 207-218.	1.8	51
66	Plasma vitellogenin and 17 β -estradiol levels during the annual reproductive cycle of <i>Podarcis s. sicula</i> Raf. <i>General and Comparative Endocrinology</i> , 1991, 84, 337-343.	1.8	50
67	Effects of diisononyl phthalate on <i>Danio rerio</i> reproduction. <i>Environmental Pollution</i> , 2017, 231, 1051-1062.	7.5	48
68	Systems Analysis of the Liver Transcriptome in Adult Male Zebrafish Exposed to the Plasticizer (2-Ethylhexyl) Phthalate (DEHP). <i>Scientific Reports</i> , 2018, 8, 2118.	3.3	48
69	Molecular components related to egg viability in the gilthead sea bream, <i>Sparus aurata</i> . <i>Molecular Reproduction and Development</i> , 2001, 58, 330-335.	2.0	46
70	Modulation of the Hepatic CYP1A1 System in the Marine Fish <i>Gobius niger</i> , Exposed to Xenobiotic Compounds. <i>Environmental Science & Technology</i> , 2004, 38, 6277-6282.	10.0	46
71	Use of <i>Enterococcus faecium</i> to improve common sole (<i>Solea solea</i>) larviculture. <i>Aquaculture</i> , 2011, 315, 384-393.	3.5	46
72	knockdown in zebrafish leads to incomplete development due to severe defects in organogenesis. <i>Autophagy</i> , 2013, 9, 476-495.	9.1	46

#	ARTICLE	IF	CITATIONS
73	Preserved copepods as a new technology for the marine ornamental fish aquaculture: A feeding study. <i>Aquaculture</i> , 2010, 308, 124-131.	3.5	45
74	Dose-Specific Effects of Di-Isononyl Phthalate on the Endocannabinoid System and on Liver of Female Zebrafish. <i>Endocrinology</i> , 2017, 158, 3462-3476.	2.8	45
75	Determination of Hg in Farmed and Wild Atlantic Bluefin Tuna (<i>Thunnus thynnus</i> L.) Muscle. <i>Molecules</i> , 2019, 24, 1273.	3.8	43
76	Effects of nonylphenol on juveniles and adults in the grey mullet, <i>Liza aurata</i> . <i>Reproductive Toxicology</i> , 2006, 22, 449-454.	2.9	42
77	Effects of Ergosan on the expression of cytokine genes in the liver of juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) exposed to enteric red mouth vaccine. <i>Veterinary Immunology and Immunopathology</i> , 2008, 123, 215-222.	1.2	42
78	Perspectives on endocrine disruptor effects on metabolic sensors. <i>General and Comparative Endocrinology</i> , 2011, 170, 416-423.	1.8	42
79	Bis-(2-ethylexhyl) phthalate impairs spermatogenesis in zebrafish (<i>Danio rerio</i>). <i>Reproductive Biology</i> , 2013, 13, 195-202.	1.9	42
80	Dietary probiotic <i>Pediococcus acidilactici</i> MA18/5M modulates the intestinal microbiota and stimulates intestinal immunity in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of the World Aquaculture Society</i> , 2019, 50, 1133-1151.	2.4	41
81	<i>Diplodus sargus</i> interrenal pituitary response: chemical communication in stressed fish. <i>General and Comparative Endocrinology</i> , 2002, 127, 66-70.	1.8	40
82	Cloning and expression of high choriolytic enzyme, a component of the hatching enzyme system, during embryonic development of the marine ornamental fish <i>Chrysiptera parasema</i> . <i>Marine Biology</i> , 2004, 145, 1235-1241.	1.5	39
83	Influence of Probiotics Administration on Gut Microbiota Core. <i>Journal of Clinical Gastroenterology</i> , 2018, 52, S50-S56.	2.2	39
84	Stimulation of Gut Immune System by Early Administration of Probiotic Strains in <i>Dicentrarchus labrax</i> and <i>Sparus aurata</i> . <i>Annals of the New York Academy of Sciences</i> , 2009, 1163, 340-342.	3.8	38
85	Modulation of cortisol levels, endocannabinoid receptor 1A, proopiomelanocortin and thyroid hormone receptor alpha mRNA expressions by probiotics during sole (<i>Solea solea</i>) larval development. <i>General and Comparative Endocrinology</i> , 2011, 171, 293-300.	1.8	38
86	Endocrine disruptors in the diet of male <i>Sparus aurata</i> : Modulation of the endocannabinoid system at the hepatic and central level by Di-isononyl phthalate and Bisphenol A. <i>Environment International</i> , 2018, 119, 54-65.	10.0	38
87	Contrasting effects of estrogen on transthyretin and vitellogenin expression in males of the marine fish, <i>Sparus aurata</i> . <i>Molecular and Cellular Endocrinology</i> , 2000, 167, 33-41.	3.2	37
88	A developmental hepatotoxicity study of dietary bisphenol A in <i>Sparus aurata</i> juveniles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 166, 1-13.	2.6	37
89	A novel role for the endocannabinoid system during zebrafish development. <i>Molecular and Cellular Endocrinology</i> , 2009, 299, 172-177.	3.2	35
90	Teleost fish (<i>Solea solea</i>): A novel model for ecotoxicological assay of contaminated sediments. <i>Aquatic Toxicology</i> , 2012, 109, 133-142.	4.0	34

#	ARTICLE	IF	CITATIONS
91	Melatonin and Peripheral Circuitries: Insights on Appetite and Metabolism in <i>Danio Rerio</i> . <i>Zebrafish</i> , 2013, 10, 275-282.	1.1	34
92	Seasonal Changes of Plasma Prolactin Concentration in the Reproduction of the Crested Newt (<i>Triturus carnifex</i> Laur.). <i>General and Comparative Endocrinology</i> , 1994, 95, 342-349.	1.8	33
93	Changes in cathepsin gene expression and relative enzymatic activity during gilthead sea bream oogenesis. <i>Molecular Reproduction and Development</i> , 2008, 75, 97-104.	2.0	32
94	Anandamide modulates growth and lipid metabolism in the zebrafish <i>Danio rerio</i> . <i>Molecular and Cellular Endocrinology</i> , 2008, 286, S12-S16.	3.2	32
95	Vibrational characterization of granulosa cells from patients affected by unilateral ovarian endometriosis: New insights from infrared and Raman microspectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 212, 206-214.	3.9	32
96	Sex steroid profile and plasma vitellogenin during the annual reproductive cycle of the crested newt (<i>Triturus carnifex</i> laur.). <i>General and Comparative Endocrinology</i> , 1991, 82, 337-344.	1.8	31
97	Growth Hormone and Prolactin in Amphibian Reproduction. <i>Zoological Science</i> , 1995, 12, 683-694.	0.7	31
98	Hormonal Regulation of Vasa-Like Messenger RNA Expression in the Ovary of the Marine Teleost <i>Sparus aurata</i> . <i>Biology of Reproduction</i> , 2004, 70, 737-743.	2.7	31
99	Anandamide and AM251, via water, modulate food intake at central and peripheral level in fish. <i>General and Comparative Endocrinology</i> , 2010, 166, 259-267.	1.8	31
100	Disruption of the gonadal endocannabinoid system in zebrafish exposed to diisononyl phthalate. <i>Environmental Pollution</i> , 2018, 241, 1-8.	7.5	31
101	Comparative studies of fish, amphibian, and reptilian vitellogenins. <i>The Journal of Experimental Zoology</i> , 1991, 259, 18-25.	1.4	30
102	The maternal control in the embryonic development of zebrafish. <i>General and Comparative Endocrinology</i> , 2017, 245, 55-68.	1.8	30
103	Host-probiotic interaction: new insight into the role of the endocannabinoid system by in vivo and ex vivo approaches. <i>Scientific Reports</i> , 2017, 7, 1261.	3.3	30
104	Influence of dietary sodium alginate and <i>Pediococcus acidilactici</i> on liver antioxidant status, intestinal lysozyme gene expression, histomorphology, microbiota, and digestive enzymes activity, in Asian sea bass (<i>Lates calcarifer</i>) juveniles. <i>Aquaculture</i> , 2020, 518, 734638.	3.5	30
105	Effect of the probiotic <i>Lactobacillus rhamnosus</i> on the expression of genes involved in European eel spermatogenesis. <i>Theriogenology</i> , 2015, 84, 1321-1331.	2.1	29
106	Cadmium bioaccumulation and metallothionein induction in the liver of the Antarctic teleost <i>Trematomus bernacchii</i> during an on-site short-term exposure to the metal via seawater. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 617-640.	1.2	28
107	The Plasticizer Bisphenol A Perturbs the Hepatic Epigenome: A Systems Level Analysis of the miRNome. <i>Genes</i> , 2017, 8, 269.	2.4	28
108	Placement of small lipovitellin subunits within the vitellogenin precursor in <i>Xenopus laevis</i> . <i>Journal of Molecular Biology</i> , 1990, 213, 407-409.	4.2	27

#	ARTICLE	IF	CITATIONS
109	Reproductive biology characteristics of red mullet (<i>Mullus barbatus</i> L., 1758) in Southern Adriatic Sea and management implications. <i>Aquatic Living Resources</i> , 2015, 28, 21-31.	1.2	27
110	<i>Amyloodinium ocellatum</i> in <i>Dicentrarchus labrax</i> : Study of infection in salt water and freshwater aquaponics. <i>Fish and Shellfish Immunology</i> , 2016, 57, 179-185.	3.6	27
111	Molecular Analysis of Endocrine Disruption in Hornyhead Turbot at Wastewater Outfalls in Southern California Using a Second Generation Multi-Species Microarray. <i>PLoS ONE</i> , 2013, 8, e75553.	2.5	27
112	FT-IR Microspectroscopy on molecular building of Zebrafish oocytes. <i>Journal of Molecular Structure</i> , 2009, 938, 207-213.	3.6	26
113	Marine ornamental species culture: From the past to "Finding Dory". <i>General and Comparative Endocrinology</i> , 2017, 245, 116-121.	1.8	26
114	Effects of BPA on zebrafish gonads: Focus on the endocannabinoid system. <i>Environmental Pollution</i> , 2020, 264, 114710.	7.5	26
115	In vitro induction of vitellogenin synthesis in <i>Rana esculenta</i> : Role of the pituitary. <i>General and Comparative Endocrinology</i> , 1992, 86, 352-358.	1.8	25
116	Melatonin-mediated effects on killifish reproductive axis. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 172, 31-38.	1.8	25
117	Effect of the addition of <i>Lactobacillus delbrueckii</i> subsp. <i>delbrueckii</i> on the gut microbiota composition and contribution to the well-being of European sea bass (<i>Dicentrarchus labrax</i> , L.). <i>Microbial Ecology in Health and Disease</i> , 2008, 20, 53-59.	3.5	24
118	Oxytetracycline Delivery in Adult Female Zebrafish by Iron Oxide Nanoparticles. <i>Zebrafish</i> , 2016, 13, 495-503.	1.1	24
119	Multihormonal control of vitellogenin mRNA expression in the liver of frog, <i>Rana esculenta</i> . <i>Molecular and Cellular Endocrinology</i> , 1995, 114, 19-25.	3.2	23
120	Alkylphenolic contaminants in the diet: <i>Sparus aurata</i> juveniles hepatic response. <i>General and Comparative Endocrinology</i> , 2014, 205, 185-196.	1.8	23
121	Effects of Lactogen 13, a New Probiotic Preparation, on Gut Microbiota and Endocrine Signals Controlling Growth and Appetite of <i>Oreochromis niloticus</i> Juveniles. <i>Microbial Ecology</i> , 2018, 76, 1063-1074.	2.8	23
122	Prostaglandin F ₂ ± in female water frog, <i>Rana esculenta</i> : Plasma levels during the annual cycle and effects of exogenous PGF ₂ ± on circulating sex hormones. <i>General and Comparative Endocrinology</i> , 1990, 80, 175-180.	1.8	22
123	Hormonal control of in vitro vitellogenin synthesis in <i>Rana esculenta</i> liver: Effects of mammalian and amphibian growth hormone. <i>General and Comparative Endocrinology</i> , 1992, 88, 406-414.	1.8	22
124	Seasonal Changes in Plasma Growth Hormone and Prolactin Concentrations of the Frog <i>Rana esculenta</i> . <i>General and Comparative Endocrinology</i> , 1994, 93, 380-387.	1.8	22
125	Cathepsin B differential expression and enzyme processing and activity during <i>Fundulus heteroclitus</i> embryogenesis. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 158, 221-228.	1.8	22
126	A new approach to evaluate aging effects on human oocytes: Fourier transform infrared imaging spectroscopy study. <i>Fertility and Sterility</i> , 2014, 101, 120-127.	1.0	22

#	ARTICLE	IF	CITATIONS
127	Beneficial Bacteria Affect <i>Danio rerio</i> Development by the Modulation of Maternal Factors Involved in Autophagic, Apoptotic and Dorsalizing Processes. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1706-1718.	1.6	22
128	Vitellogenin hormonal control in the green frog, <i>Pana esculenta</i> . Interplay between estradiol and pituitary hormones. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 82, 855-858.	0.6	21
129	Feeding Entrainment of the Zebrafish Circadian Clock Is Regulated by the Glucocorticoid Receptor. <i>Cells</i> , 2019, 8, 1342.	4.1	21
130	Hormonal Control of the IGF System in the Sea Bream Ovary. <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, 320-322.	3.8	20
131	Cathepsin activities and membrane integrity of zebrafish (<i>Danio rerio</i>) oocytes after freezing to $\sim 196^{\circ}\text{C}$ using controlled slow cooling. <i>Cryobiology</i> , 2008, 56, 138-143.	0.7	20
132	Biological effects of marine contaminated sediments on <i>Sparus aurata</i> juveniles. <i>Aquatic Toxicology</i> , 2011, 104, 308-316.	4.0	20
133	Effects of diisononyl phthalate (DiNP) on the endocannabinoid and reproductive systems of male gilthead sea bream (<i>Sparus aurata</i>) during the spawning season. <i>Archives of Toxicology</i> , 2019, 93, 727-741.	4.2	20
134	Ovarian opioids and the reproductive cycle of the frog. <i>Life Sciences</i> , 1992, 50, 1389-1398.	4.3	19
135	Endocannabinoid system in <i>Xenopus laevis</i> development: CB1 receptor dynamics. <i>FEBS Letters</i> , 2006, 580, 1941-1945.	2.8	19
136	Role of Bisphenol A on the Endocannabinoid System at central and peripheral levels: Effects on adult female zebrafish. <i>Chemosphere</i> , 2018, 205, 118-125.	8.2	19
137	Cyclic ADPR and calcium signaling in sea bream (<i>Sparus aurata</i>) egg fertilization. <i>Molecular Reproduction and Development</i> , 2002, 61, 213-217.	2.0	18
138	Feeding strategies for striped blenny <i>Meiacanthus grammistes</i> larvae. <i>Aquaculture Research</i> , 2010, 41, e307-e315.	1.8	18
139	Melatonin control of oogenesis and metabolic resources in Zebrafish. <i>Journal of Applied Ichthyology</i> , 2010, 26, 826-830.	0.7	18
140	Welfare improvement using alginic acid in rainbow trout (<i>Oncorhynchus mykiss</i>) juveniles. <i>Chemistry and Ecology</i> , 2010, 26, 111-121.	1.6	18
141	Knockout of the Glucocorticoid Receptor Impairs Reproduction in Female Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9073.	4.1	18
142	Probiotic Administration Mitigates Bisphenol A Reproductive Toxicity in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9314.	4.1	18
143	Opioid Peptide Modulation of Stress-Induced Plasma Steroid Changes in the Frog <i>Rana esculenta</i> . <i>Hormones and Behavior</i> , 1994, 28, 130-138.	2.1	17
144	Melatonin effects on <i>Fundulus heteroclitus</i> reproduction. <i>Reproduction, Fertility and Development</i> , 2012, 24, 794.	0.4	17

#	ARTICLE	IF	CITATIONS
145	Genomic and phenotypic response of hornyhead turbot exposed to municipal wastewater effluents. <i>Aquatic Toxicology</i> , 2013, 140-141, 174-184.	4.0	17
146	Growth and stress factors in ballan wrasse (<i>Labrus bergylta</i>) larval development. <i>Aquaculture Research</i> , 2017, 48, 2567-2580.	1.8	17
147	Metabolomic and Transcript Analysis Revealed a Sex-Specific Effect of Glyphosate in Zebrafish Liver. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2724.	4.1	17
148	Effects of Probiotic on Zebrafish Reproduction. <i>Journal of Aquaculture Research & Development</i> , 0, s1, .	0.4	16
149	Are <i>Acartia tonsacold</i> -stored eggs a suitable food source for the marine ornamental species <i>Amphiprion polymnus</i> ? A feeding study. <i>Aquaculture Nutrition</i> , 2012, 18, 685-696.	2.7	16
150	Photoperiod Manipulation Affects Transcriptional Profile of Genes Related to Lipid Metabolism and Apoptosis in Zebrafish (<i>Danio rerio</i>) Larvae: Potential Roles of Gut Microbiota. <i>Microbial Ecology</i> , 2020, 79, 933-946.	2.8	16
151	Preparation and rapid resolution of <i>Xenopus</i> phosphatidylcholines and phosphatidylethanolamines by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1990, 519, 75-86.	3.7	15
152	Does the molecular and metabolic profile of human granulosa cells correlate with oocyte fate? New insights by Fourier transform infrared microspectroscopy analysis. <i>Molecular Human Reproduction</i> , 2018, 24, 521-532.	2.8	15
153	Effects of Dietary Bisphenol A on the Reproductive Function of Gilthead Sea Bream (<i>Sparus aurata</i>) Testes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5003.	4.1	15
154	Dietary diisononylphthalate contamination induces hepatic stress: a multidisciplinary investigation in gilthead seabream (<i>Sparus aurata</i>) liver. <i>Archives of Toxicology</i> , 2019, 93, 2361-2373.	4.2	15
155	Changes in the electrophoretic pattern of yolk proteins during vitellogenesis in the gilthead sea bream, <i>Sparus aurata</i> L.. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1992, 103, 955-962.	0.2	14
156	The role of melatonin in zebrafish follicle development: An FT-IR imaging approach. <i>Vibrational Spectroscopy</i> , 2012, 62, 279-285.	2.2	14
157	Gonadotropin characterization, localization and expression in the European hake (<i>Merluccius</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10	2.6	14
158	Diets contaminated with Bisphenol A and Di-isononyl phthalate modify skeletal muscle composition: A new target for environmental pollutant action. <i>Science of the Total Environment</i> , 2019, 658, 250-259.	8.0	14
159	The probiotic <i>Lactobacillus rhamnosus</i> mimics the dark-driven regulation of appetite markers and melatonin receptors' expression in zebrafish (<i>Danio rerio</i>) larvae: Understanding the role of the gut microbiome. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 256, 110634.	1.6	14
160	Tamoxifen as an Emerging Endocrine Disruptor. <i>Annals of the New York Academy of Sciences</i> , 2009, 1163, 457-459.	3.8	13
161	Effect of dietary supplements of mussel and polychaetes on spawning performance of captive sole, <i>Solea solea</i> (Linnaeus, 1758). <i>Animal Reproduction Science</i> , 2009, 113, 167-176.	1.5	13
162	Breeders Age Affects Reproductive Success in <i>Nothobranchius furzeri</i> . <i>Zebrafish</i> , 2018, 15, 546-557.	1.1	13

#	ARTICLE	IF	CITATIONS
163	The Impact of Controlled Ovarian Stimulation Hormones on the Metabolic State and Endocannabinoid System of Human Cumulus Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7124.	4.1	13
164	Apoptosis in sea bream <i>Sparus aurata</i> eggs. <i>Molecular Reproduction and Development</i> , 2003, 66, 291-296.	2.0	12
165	A de novo transcriptome assembly approach elucidates the dynamics of ovarian maturation in the swordfish (<i>Xiphias gladius</i>). <i>Scientific Reports</i> , 2019, 9, 7375.	3.3	12
166	Can Insect-Based Diets Affect Zebrafish (<i>Danio rerio</i>) Reproduction? A Multidisciplinary Study. <i>Zebrafish</i> , 2020, 17, 287-304.	1.1	12
167	Effects of Di-Isononyl Phthalate (DiNP) on Follicular Atresia in Zebrafish Ovary. <i>Frontiers in Endocrinology</i> , 2021, 12, 677853.	3.5	12
168	Ovarian melanotropic peptides and adaptation in two teleostean species: <i>Sparus aurata</i> L. and <i>Dicentrarchus labrax</i> L. <i>Peptides</i> , 1994, 15, 927-931.	2.4	11
169	Characterization of the Fatty Acid Composition in Cultivated Atlantic Bluefin Tuna (<i>Thunnus</i>) 2981-2993.	1.8	11
170	Maturity assignment based on histologyâ€validated macroscopic criteria: Tackling the stock decline of the Mediterranean swordfish (<i>Xiphias gladius</i>). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 303-314.	2.0	11
171	Vibrational characterization of female gametes: a comparative study. <i>Analyst, The</i> , 2014, 139, 5049-5060.	3.5	10
172	Detection of endocrine disrupting chemicals and evidence of their effects on the HPG axis of the European anchovy <i>Engraulis encrasicolus</i> . <i>Marine Environmental Research</i> , 2017, 127, 137-147.	2.5	10
173	Macromolecular Characterization of Swordfish Oocytes by FTIR Imaging Spectroscopy. <i>Scientific Reports</i> , 2019, 9, 8850.	3.3	10
174	Compensatory growth, plasma hormones and metabolites in juvenile Siberian sturgeon (<i>Acipenser</i>)	2.7	10
175	Ovarian development and sex steroid hormones during the reproductive cycle of <i>Podarcis s. sicula</i> Raf. <i>Gynecological Endocrinology</i> , 1991, 5, 7-13.	1.7	9
176	Role of substrate on larval development of the freshwater teleost <i>Pelvicachromis pulcher</i> . <i>Molecular Reproduction and Development</i> , 2003, 66, 256-263.	2.0	9
177	Reproductive features of the non-native <i>Siganus luridus</i> (Teleostei, Siganidae) during early colonization at Linosa Island (Sicily Strait, Mediterranean Sea). <i>Journal of Applied Ichthyology</i> , 2007, 23, 640-645.	0.7	9
178	Expression of 8-OHdG in <i>Zosterisessor ophiocephalus</i> from the Venetian lagoon, Italy. <i>European Journal of Histochemistry</i> , 2013, 57, 8.	1.5	9
179	Effects of Parental Aging During Embryo Development and Adult Life: The Case of <i>Nothobranchius furzeri</i> . <i>Zebrafish</i> , 2018, 15, 112-123.	1.1	9
180	Insights on the seasonal variations of reproductive features in the Eastern Atlantic Bluefin Tuna. <i>General and Comparative Endocrinology</i> , 2019, 282, 113216.	1.8	9

#	ARTICLE	IF	CITATIONS
181	Title is missing!. <i>Scientia Marina</i> , 1998, 62, .	0.6	9
182	Probiotics Enhance Bone Growth and Rescue BMP Inhibition: New Transgenic Zebrafish Lines to Study Bone Health. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4748.	4.1	9
183	Transcriptomic analysis of short-term 17 β -ethynylestradiol exposure in two Californian sentinel fish species sardine (<i>Sardinops sagax</i>) and mackerel (<i>Scomber japonicus</i>). <i>Environmental Pollution</i> , 2019, 244, 926-937.	7.5	8
184	Aspects of Reproductive Biology of the European Hake (<i>Merluccius merluccius</i>) in the Northern and Central Adriatic Sea (GSA 17-Central Mediterranean Sea). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 389.	2.6	8
185	Zebrafish Mutant Lines Reveal the Interplay between nr3c1 and nr3c2 in the GC-Dependent Regulation of Gene Transcription. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2678.	4.1	8
186	Zebrafish caudal fin as a model to investigate the role of probiotics in bone regeneration. <i>Scientific Reports</i> , 2022, 12, 8057.	3.3	8
187	Occurrence of immunoreactive Met- and Leu-Enkephalin-like peptides in the ovary of the green frog, <i>Rana esculenta</i> . <i>General and Comparative Endocrinology</i> , 1992, 85, 118-123.	1.8	7
188	Involvement of tyrosine kinase and cAMP in growth hormone-induced vitellogenin synthesis in the anuran, <i>Rana Esculenta</i> . <i>Life Sciences</i> , 2000, 67, 1467-1476.	4.3	7
189	Vitellogenesis in the deep-sea shark <i>Centroscymnus coelolepis</i> . <i>Chemistry and Ecology</i> , 2006, 22, 335-345.	1.6	7
190	An integrated approach to evaluate port sediment quality: From chemical characterization to multispecies bioassays. <i>Science of the Total Environment</i> , 2020, 746, 141204.	8.0	7
191	Loss of Mitochondrial Genetic Diversity in Overexploited Mediterranean Swordfish (<i>Xiphias gladius</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overloc</i>	1.7	7
192	Effects of host-associated probiotic <i>Bacillus altitudinis</i> B61-34b on growth performance, immune response and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) raised under biofloc system. <i>Aquaculture Nutrition</i> , 2021, 27, 61-72.	2.7	7
193	Detection and localization of gonadotrophin-releasing hormone (GnRH)-like material in the frog, <i>Rana esculenta</i> , ovary. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1994, 109, 1097-1103.	0.6	6
194	Hormonal steroidogenesis in liver and small intestine of the green frog, <i>Rana esculenta</i> L.. <i>Life Sciences</i> , 2001, 69, 2921-2930.	4.3	6
195	Validation of an enzyme linked immunosorbent assay (elisa) for cyprinus carpio l. vitellogenin, as a biomarker of reproductive disorders. <i>Chemistry and Ecology</i> , 2003, 19, 5-13.	1.6	6
196	Cloning, characterization, and molecular expression of gonadotropin receptors in European hake (<i>Merluccius merluccius</i>), a multiple-spawning species. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 895-910.	2.3	6
197	<i>Kluyveromyces fragilis</i> RNA extract supplementation promotes growth, modulates stress and inflammatory response in zebrafish. <i>Aquaculture Research</i> , 2018, 49, 1521-1534.	1.8	6
198	Effects of age on growth in Atlantic bluefin tuna (<i>Thunnus thynnus</i>). <i>General and Comparative Endocrinology</i> , 2018, 265, 64-70.	1.8	6

#	ARTICLE	IF	CITATIONS
199	Effects of gonadotropin-releasing hormone on plasma sex hormones in <i>Rana esculenta</i> . in vivo studies. <i>Bollettino Di Zoologia</i> , 1991, 58, 77-79.	0.3	5
200	Polychlorinated biphenyls and antioxidant enzymes in liver of <i>Cyprinus carpio</i> from Lake Trasimeno. <i>Italian Journal of Zoology</i> , 2005, 72, 1-7.	0.6	5
201	Characterization and transcriptional profiles of <i>Engraulis encrasicolus</i> GnRH forms. <i>Reproduction</i> , 2016, 152, 727-739.	2.6	5
202	Characterization of Ambra1 in asexual cycle of a non-vertebrate chordate, the colonial tunicate <i>Botryllus schlosseri</i> , and phylogenetic analysis of the protein group in Bilateria. <i>Molecular Phylogenetics and Evolution</i> , 2016, 95, 46-57.	2.7	5
203	Reproductive endocrinology and gamete quality. <i>General and Comparative Endocrinology</i> , 2007, 153, 273-274.	1.8	4
204	Occurrence of an Ovarian Opioid System in Oviparous Vertebrates: Proopiomelanocortin mRNA Expression in the Ovary of the Green Water Frog, <i>Rana esculenta</i> . <i>Animal Biology</i> , 1994, 45, 163-165.	0.4	3
205	Acetyl Salmon Endorphin-Like Immunoreactivity in the Ovary of Two Teleostean Species: Changes with Environmental Conditions. <i>Peptides</i> , 1997, 18, 957-963.	2.4	3
206	Dietary modulation of immune response and related gene expression profiles in mirror carp (<i>Cyprinus</i>) Tj ETQq0 0 0,rgBT /Overlock 10 T	3.5	3
207	Opsins and gonadal circadian rhythm in the swordfish (<i>Xiphias gladius</i>) ovary: Their potential roles in puberty and reproductive seasonality. <i>General and Comparative Endocrinology</i> , 2021, 303, 113707.	1.8	3
208	Polydatin Beneficial Effects in Zebrafish Larvae Undergoing Multiple Stress Types. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1116.	2.6	3
209	Proopiomelanocortin Gene Expression in the Ovary of the Frog, <i>Rana esculenta</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 265-269.	3.8	2
210	Growth Hormone and Insulin-Like Growth Factor-I in Inducing Vitellogenin Synthesis by Frog Hepatocytes. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 556-557.	3.8	2
211	Prolactin and Stress Response in Frog <i>Rana esculenta</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 639-641.	3.8	2
212	Can estrogenic compounds enhance the activity of cathepsin D and cathepsin L in the mussel, <i>Mytilus galloprovincialis</i> ? <i>Chemistry and Ecology</i> , 2009, 25, 49-60.	1.6	2
213	<i>Clupeiformes</i> Egg Envelope Proteins characterization: The case of <i>Engraulis encrasicolus</i> as a proxy for stock assessment through a novel molecular tool. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 95-108.	2.7	2
214	Chapter 6 Structure of Mature Oocytes. , 2020, , 93-111.		2
215	Mediterranean swordfish (<i>Xiphias gladius</i> Linnaeus, 1758) population structure revealed by microsatellite DNA: genetic diversity masked by population mixing in shared areas. <i>PeerJ</i> , 2020, 8, e9518.	2.0	2
216	De novo transcriptome assembly, functional annotation and characterization of the Atlantic bluefin tuna (<i>Thunnus thynnus</i>) larval stage. <i>Marine Genomics</i> , 2021, 58, 100834.	1.1	2

#	ARTICLE	IF	CITATIONS
217	Comments on Disruption of the gonadal endocannabinoid system in zebrafish exposed to diisononyl phthalate – Forner-Piquer et Al. (2018) – rebuttal to Prosser CM.. Environmental Pollution, 2020, 261, 114028.	7.5	1
218	New Insights for Early Warning and Countermeasures to Aquatic Pollution. , 2020, , 431-445.		1
219	A Comparison of Reproductive Performances in Young and Old Females: A Case Study on the Atlantic Bluefin Tuna in the Mediterranean Sea. Animals, 2021, 11, 3340.	2.3	1
220	Evaluation of Controlled Ovarian Stimulation Protocols in Patients with Normal and Low Ovarian Reserve: Analyses of miRNAs and Selected Target Genes Involved in the Proliferation of Human Cumulus Cells and Oocyte Quality. International Journal of Molecular Sciences, 2022, 23, 1713.	4.1	1
221	Corrigendum to –Endocannabinoid system inXenopus laevisdevelopment: CB1 receptor dynamics–[FEBS Lett. 580 (2006) 1941-1945]. FEBS Letters, 2008, 582, 842-842.	2.8	0
222	Guest editorial: Special issue on zebrafish and other model organisms in comparative endocrine research. General and Comparative Endocrinology, 2013, 188, 288.	1.8	0
223	Editorial: Nutritional and Environmental Modulation of the Endocrine System: Effects on Metabolism and Growth. Frontiers in Endocrinology, 2019, 10, 354.	3.5	0
224	Automatic Classification of Human Granulosa Cells in Assisted Reproductive Technology using vibrational spectroscopy imaging. , 2021, , .		0