Ike Olivotto

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2828917/publications.pdf

Version: 2024-02-01

93 papers	3,980 citations	81839 39 h-index	133188 59 g-index
117 all docs	117 docs citations	117 times ranked	3499 citing authors

#	Article	IF	Citations
1	Growth improvement by probiotic in European sea bass juveniles (Dicentrarchus labrax, L.), with particular attention to IGF-1, myostatin and cortisol gene expression. Aquaculture, 2006, 258, 430-438.	1.7	248
2	Lactobacillus rhamnosus lowers zebrafish lipid content by changing gut microbiota and host transcription of genes involved in lipid metabolism. Scientific Reports, 2015, 5, 9336.	1.6	194
3	Advances in Breeding and Rearing Marine Ornamentals. Journal of the World Aquaculture Society, 2011, 42, 135-166.	1.2	191
4	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.	0.9	107
5	Breeding and rearing the longsnout seahorse Hippocampus reidi: Rearing and feeding studies. Aquaculture, 2008, 283, 92-96.	1.7	97
6	Increase of fecundity by probiotic administration in zebrafish (Danio rerio). Reproduction, 2010, 140, 953-959.	1.1	94
7	Effects of Graded Dietary Inclusion Level of Full-Fat Hermetia illucens Prepupae Meal in Practical Diets for Rainbow Trout (Oncorhynchus mykiss). Animals, 2019, 9, 251.	1.0	91
8	Evaluation of an insect meal of the Black Soldier Fly (Hermetia illucens) as soybean substitute: Intestinal morphometry, enzymatic and microbial activity in laying hens. Research in Veterinary Science, 2018, 117, 209-215.	0.9	90
9	Melatonin Induces Follicle Maturation in Danio rerio. PLoS ONE, 2011, 6, e19978.	1.1	80
10	Appetite regulation: The central role of melatonin in Danio rerio. Hormones and Behavior, 2010, 58, 780-785.	1.0	79
11	Effects of BPA on female reproductive function: The involvement of epigenetic mechanism. General and Comparative Endocrinology, 2017, 245, 122-126.	0.8	77
12	Temporary impairment of reproduction in freshwater teleost exposed to nonylphenol. Reproductive Toxicology, 2004, 18, 597-604.	1.3	73
13	The use of harpacticoid copepods as live prey for Amphiprion clarkii larviculture: Effects on larval survival and growth. Aquaculture, 2008, 274, 347-352.	1.7	71
14	Coral reef fish breeding: the secrets of each species. Aquaculture, 2003, 224, 69-78.	1.7	70
15	Spawning, early development, and first feeding in the lemonpeel angelfish Centropyge flavissimus. Aquaculture, 2006, 253, 270-278.	1.7	70
16	Breeding, rearing and feeding studies in the cleaner goby Gobiosoma evelynae. Aquaculture, 2005, 250, 175-182.	1.7	69
17	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. Toxicology in Vitro, 2013, 27, 84-91.	1.1	66
18	The Influence of Probiotics on Zebrafish Danio Rerio Innate Immunity and Hepatic Stress. Zebrafish, 2014, 11, 98-106.	0.5	66

#	Article	IF	Citations
19	Breeding and rearing the Sunrise Dottyback Pseudochromis flavivertex: the importance of live prey enrichment during larval development. Aquaculture, 2006, 255, 480-487.	1.7	65
20	A six-months study on Black Soldier Fly (Hermetia illucens) based diets in zebrafish. Scientific Reports, 2019, 9, 8598.	1.6	65
21	Dietary administration of EDC mixtures: A focus on fish lipid metabolism. Aquatic Toxicology, 2017, 185, 95-104.	1.9	63
22	Partial Dietary Inclusion of Hermetia illucens (Black Soldier Fly) Full-Fat Prepupae in Zebrafish Feed: Biometric, Histological, Biochemical, and Molecular Implications. Zebrafish, 2018, 15, 519-532.	0.5	63
23	The role of fatty acids enrichments in the larviculture of false percula clownfish Amphiprion ocellaris. Aquaculture, 2007, 273, 87-95.	1.7	62
24	Hormonal regulation of hepatic IGF-I and IGF-II gene expression in the Marine TeleostSparus aurata. Molecular Reproduction and Development, 2005, 71, 12-18.	1.0	61
25	Black Soldier Fly (Hermetia illucens) reared on roasted coffee by-product and Schizochytrium sp. as a sustainable terrestrial ingredient for aquafeeds production. Aquaculture, 2020, 518, 734659.	1.7	60
26	Fatty acids profile of black soldier fly (Hermetia illucens): Influence of feeding substrate based on coffee-waste silverskin enriched with microalgae. Animal Feed Science and Technology, 2020, 259, 114309.	1.1	59
27	Insect meal based diets for clownfish: Biometric, histological, spectroscopic, biochemical and molecular implications. Aquaculture, 2019, 498, 1-11.	1.7	55
28	The use of the Mediterranean calanoid copepod Centropages typicus in Yellowtail clownfish (Amphiprion clarkii) larviculture. Aquaculture, 2008, 284, 211-216.	1.7	54
29	Rearing Zebrafish on Black Soldier Fly (Hermetia illucens): Biometric, Histological, Spectroscopic, Biochemical, and Molecular Implications. Zebrafish, 2018, 15, 404-419.	0.5	53
30	Probiotic Supplementation Promotes Calcification in Danio rerio Larvae: A Molecular Study. PLoS ONE, 2013, 8, e83155.	1.1	53
31	Zebrafish (Danio rerio) physiological and behavioural responses to insect-based diets: a multidisciplinary approach. Scientific Reports, 2020, 10, 10648.	1.6	52
32	Hermetia illucens and Poultry by-Product Meals as Alternatives to Plant Protein Sources in Gilthead Seabream (Sparus aurata) Diet: A Multidisciplinary Study on Fish Gut Status. Animals, 2021, 11, 677.	1.0	52
33	Physiological response of rainbow trout (Oncorhynchus mykiss) to graded levels of Hermetia illucens or poultry by-product meals as single or combined substitute ingredients to dietary plant proteins. Aquaculture, 2021, 538, 736550.	1.7	52
34	Live prey enrichment, with particular emphasis on HUFAs, as limiting factor in false percula clownfish (Amphiprion ocellaris, Pomacentridae) larval development and metamorphosis: Molecular and biochemical implications. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 207-218.	0.8	51
35	Use of Enterococcus faecium to improve common sole (Solea solea) larviculture. Aquaculture, 2011, 315, 384-393.	1.7	46
36	Preserved copepods as a new technology for the marine ornamental fish aquaculture: A feeding study. Aquaculture, 2010, 308, 124-131.	1.7	45

#	Article	IF	Citations
37	Dietary inclusion of full-fat Hermetia illucens prepupae meal in practical diets for rainbow trout (Oncorhynchus mykiss): Lipid metabolism and fillet quality investigations. Aquaculture, 2020, 529, 735678.	1.7	45
38	Processed Animal Proteins from Insect and Poultry By-Products in a Fish Meal-Free Diet for Rainbow Trout: Impact on Intestinal Microbiota and Inflammatory Markers. International Journal of Molecular Sciences, 2021, 22, 5454.	1.8	43
39	Effects of nonylphenol on juveniles and adults in the grey mullet, Liza aurata. Reproductive Toxicology, 2006, 22, 449-454.	1.3	42
40	Transfer of Silica-Coated Magnetic (Fe₃O₄) Nanoparticles Through Food: A Molecular and Morphological Study in Zebrafish. Zebrafish, 2014, 11, 567-579.	0.5	42
41	The influence of diet on the early development of two seahorse species (H. guttulatus and H. reidi): Traditional and innovative approaches. Aquaculture, 2018, 490, 75-90.	1.7	41
42	Diplodus sargus interrenalâ€“pituitary response: chemical communication in stressed fish. General and Comparative Endocrinology, 2002, 127, 66-70.	0.8	40
43	Cloning and expression of high choriolytic enzyme, a component of the hatching enzyme system, during embryonic development of the marine ornamental fish Chrysiptera parasema. Marine Biology, 2004, 145, 1235-1241.	0.7	39
44	Melatonin and Peripheral Circuitries: Insights on Appetite and Metabolism in Danio Rerio. Zebrafish, 2013, 10, 275-282.	0.5	34
45	Intestinal Morphometry, Enzymatic and Microbial Activity in Laying Hens Fed Different Levels of a Hermetia illucens Larvae Meal and Toxic Elements Content of the Insect Meal and Diets. Animals, 2019, 9, 86.	1.0	34
46	New insights on the macromolecular building of rainbow trout (O. mykiss) intestine: FTIR Imaging and histological correlative study. Aquaculture, 2018, 497, 1-9.	1.7	31
47	Hermetia illucens in diets for zebrafish (Danio rerio): A study of bacterial diversity by using PCR-DGGE and metagenomic sequencing. PLoS ONE, 2019, 14, e0225956.	1.1	30
48	Stealth Iron Oxide Nanoparticles for Organotropic Drug Targeting. Biomacromolecules, 2019, 20, 1375-1384.	2.6	28
49	Amyloodinum ocellatum in Dicentrarchus labrax : Study of infection in salt water and freshwater aquaponics. Fish and Shellfish Immunology, 2016, 57, 179-185.	1.6	27
50	Appetite Regulation, Growth Performances and Fish Quality Are Modulated by Alternative Dietary Protein Ingredients in Gilthead Sea Bream (Sparus aurata) Culture. Animals, 2021, 11, 1919.	1.0	27
51	Malnutrition may affect common sole (Solea solea L.) growth, pigmentation and stress response: Molecular, biochemical and histological implications. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 161, 361-371.	0.8	26
52	Marine ornamental species culture: From the past to â€œFinding Doryâ€• General and Comparative Endocrinology, 2017, 245, 116-121.	0.8	26
53	Physiological responses of Siberian sturgeon (Acipenser baerii) juveniles fed on full-fat insect-based diet in an aquaponic system. Scientific Reports, 2021, 11, 1057.	1.6	25
54	Salinity, Temperature and Ammonia Acute Stress Response in Seabream (Sparus aurata) Juveniles: A Multidisciplinary Study. Animals, 2021, 11, 97.	1.0	25

#	Article	IF	Citations
55	Oxytetracycline Delivery in Adult Female Zebrafish by Iron Oxide Nanoparticles. Zebrafish, 2016, 13, 495-503.	0.5	24
56	Effects of Lactogen 13, a New Probiotic Preparation, on Gut Microbiota and Endocrine Signals Controlling Growth and Appetite of Oreochromis niloticus Juveniles. Microbial Ecology, 2018, 76, 1063-1074.	1.4	23
57	A Chemically Safe Way to Produce Insect Biomass for Possible Application in Feed and Food Production. International Journal of Environmental Research and Public Health, 2020, 17, 2121.	1.2	21
58	Microbial dynamics in rearing trials of Hermetia illucens larvae fed coffee silverskin and microalgae. Food Research International, 2021, 140, 110028.	2.9	21
59	Self-assembly of chlorin-e6 on Î³-Fe2O3 nanoparticles: Application for larvicidal activity against Aedes aegypti. Journal of Photochemistry and Photobiology B: Biology, 2019, 194, 21-31.	1.7	20
60	A Novel Photocatalytic Purification System for Fish Culture. Zebrafish, 2017, 14, 411-421.	0.5	19
61	Feeding strategies for striped blenny Meiacanthus grammistes larvae. Aquaculture Research, 2010, 41, e307-e315.	0.9	18
62	Welfare improvement using alginic acid in rainbow trout (Oncorhynchus mykiss) juveniles. Chemistry and Ecology, 2010, 26, 111-121.	0.6	18
63	The effects of starving and feeding on Dover sole (Solea solea, Soleidae, Linnaeus, 1758) stress response and early larval development. Aquaculture Research, 2015, 46, 2512-2526.	0.9	18
64	Possible Dietary Effects of Insect-Based Diets across Zebrafish (Danio rerio) Generations: A Multidisciplinary Study on the Larval Phase. Animals, 2021, 11, 751.	1.0	18
65	Growth and stress factors in ballan wrasse (Labrus bergylta) larval development. Aquaculture Research, 2017, 48, 2567-2580.	0.9	17
66	Honey Bee Pollen in Meagre (Argyrosomus regius) Juvenile Diets: Effects on Growth, Diet Digestibility, Intestinal Traits, and Biochemical Markers Related to Health and Stress. Animals, 2020, 10, 231.	1.0	17
67	AreAcartia tonsacold-stored eggs a suitable food source for the marine ornamental speciesAmphiprion polymnus? A feeding study. Aquaculture Nutrition, 2012, 18, 685-696.	1.1	16
68	Effects of black soldier fly (Hermetia illucens) enriched with Schizochytrium sp. on zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	15
69	Measurement of the 100â€¯MHz EMF radiation in vivo effects on zebrafish D. rerio embryonic development: A multidisciplinary study. Ecotoxicology and Environmental Safety, 2018, 154, 268-279.	2.9	13
70	Breeders Age Affects Reproductive Success in Nothobranchius furzeri. Zebrafish, 2018, 15, 546-557.	0.5	13
71	A Multidisciplinary Experimental Study on the Effects of Breeders Diet on Newborn Seahorses (Hippocampus guttulatus). Frontiers in Marine Science, 2020, 7, .	1.2	13
72	Conventional feed additives or red claw crayfish meal and dried microbial biomass as feed supplement in fish meal-free diets for rainbow trout (Oncorhynchus mykiss): Possible ameliorative effects on growth and gut health status. Aquaculture, 2022, 554, 738137.	1.7	13

#	Article	IF	Citations
73	Can Insect-Based Diets Affect Zebrafish (Danio rerio) Reproduction? A Multidisciplinary Study. Zebrafish, 2020, 17, 287-304.	0.5	12
74	Quantitative assessment of transferable antibiotic resistance genes in zebrafish (Danio rerio) fed Hermetia illucens-based feed. Animal Feed Science and Technology, 2021, 277, 114978.	1.1	11
75	The use of preserved copepods in sea bream small-scale culture: biometric, biochemical and molecular implications. Aquaculture Nutrition, 2014, 20, 90-100.	1.1	10
76	Biologically safe colloidal suspensions of naked iron oxide nanoparticles for in situ antibiotic suppression. Colloids and Surfaces B: Biointerfaces, 2019, 181, 102-111.	2.5	10
77	Role of substrate on larval development of the freshwater teleostPelvicachromis pulcher. Molecular Reproduction and Development, 2003, 66, 256-263.	1.0	9
78	Herbivory in the soft coral Sinularia flexibilis (Alcyoniidae). Scientific Reports, 2016, 6, 22679.	1.6	9
79	Effects of Parental Aging During Embryo Development and Adult Life: The Case ofNothobranchius furzeri. Zebrafish, 2018, 15, 112-123.	0.5	9
80	Vitellogenesis in the deep-sea sharkCentroscymnus coelolepis. Chemistry and Ecology, 2006, 22, 335-345.	0.6	7
81	Kluyveromyces fragilisRNA extract supplementation promotes growth, modulates stress and inflammatory response in zebrafish. Aquaculture Research, 2018, 49, 1521-1534.	0.9	6
82	Occurrence of Antibiotic Resistance Genes in Hermetia illucens Larvae Fed Coffee Silverskin Enriched with Schizochytrium limacinum or Isochrysis galbana Microalgae. Genes, 2021, 12, 213.	1.0	6
83	Pre-breeding Diets in the Seahorse Hippocampus reidi: How Do They Affect Fatty Acid Profiles, Energetic Status and Histological Features in Newborn?. Frontiers in Marine Science, 2021, 8, .	1.2	6
84	Characterization and transcriptional profiles of Engraulis encrasicolusâ€™ GnRH forms. Reproduction, 2016, 152, 727-739.	1.1	5
85	Replacing Maize Grain with Ancient Wheat Lines By-Products in Organic Laying Hensâ€™ Diet Affects Intestinal Morphology and Enzymatic Activity. Sustainability, 2021, 13, 6554.	1.6	5
86	New Eco-Sustainable Feed in Aquaculture: Influence of Insect-Based Diets on the Content of Potentially Toxic Elements in the Experimental Model Zebrafish (Danio rerio). Molecules, 2022, 27, 818.	1.7	3
87	Low inclusion levels of Tenebrio molitor larvae meal in laying Japanese quail (Coturnix japonica,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 acids profile. Research in Veterinary Science, 2022, 149, 51-59.	0.9	3
88	Safety assessment of antibiotic administration by magnetic nanoparticles in in vitro zebrafish liver and intestine cultures. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 224, 108559.	1.3	2
89	Alternative Ingredients for Feed and Food. , 2020, , 529-545.		2
90	Evaluation of the hair cell regeneration and claudin b and phoenix gene expression during exposure to low concentrations of cadmium and zinc in early developing zebrafish larvae. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 248, 109116.	1.3	1

#	Article	IF	Citations
91	Sustainable Aquaculture: Nutrition Studies in Early Developing Finfish, Ornamentals and Experimental Model Fish. Animals, 2022, 12, 1384.	1.0	1
92	Quantification of antibiotic resistance genes in Siberian sturgeons (Acipenser baerii) fed Hermetia illucens-based diet. Aquaculture, 2022, 560, 738485.	1.7	1
93	Chemical Communication in the Symbiotic Interaction between the anemone Exaiptasia diaphana (ex) Tj ETQq1 1 0.784314 rgBT /Ov	0.3	6