

Ike Olivotto

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

2,932
citations

35
h-index

50
g-index

117
ext. papers

3,418
ext. citations

3.5
avg, IF

5.1
L-index

#	Paper	IF	Citations
110	New Eco-Sustainable Feed in Aquaculture: Influence of Insect-Based Diets on the Content of Potentially Toxic Elements in the Experimental Model Zebrafish (<i>Danio rerio</i>). <i>Molecules</i> , 2022 , 27,	4.8	1
109	Effects of black soldier fly (<i>Hermetia illucens</i>) enriched with <i>Schizochytrium</i> sp. on zebrafish (<i>Danio rerio</i>) reproductive performances. <i>Aquaculture</i> , 2022 , 550, 737853	4.4	4
108	Conventional feed additives or red claw crayfish meal and dried microbial biomass as feed supplement in fish meal-free diets for rainbow trout (<i>Oncorhynchus mykiss</i>): Possible ameliorative effects on growth and gut health status. <i>Aquaculture</i> , 2022 , 554, 738137	4.4	0
107	Possible Dietary Effects of Insect-Based Diets across Zebrafish (<i>Danio rerio</i>) Generations: A Multidisciplinary Study on the Larval Phase. <i>Animals</i> , 2021 , 11,	3.1	7
106	and Poultry by-Product Meals as Alternatives to Plant Protein Sources in Gilthead Seabream (<i>Lepomis microlophus</i>) Diet: A Multidisciplinary Study on Fish Gut Status. <i>Animals</i> , 2021 , 11,	3.1	23
105	Physiological response of rainbow trout (<i>Oncorhynchus mykiss</i>) to graded levels of <i>Hermetia illucens</i> or poultry by-product meals as single or combined substitute ingredients to dietary plant proteins. <i>Aquaculture</i> , 2021 , 538, 736550	4.4	23
104	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. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
103	Appetite Regulation, Growth Performances and Fish Quality Are Modulated by Alternative Dietary Protein Ingredients in Gilthead Sea Bream (<i>Lepomis microlophus</i>) Culture. <i>Animals</i> , 2021 , 11,	3.1	10
102	Replacing Maize Grain with Ancient Wheat Lines By-Products in Organic Laying Hens Diet Affects Intestinal Morphology and Enzymatic Activity. <i>Sustainability</i> , 2021 , 13, 6554	3.6	0
101	Quantitative assessment of transferable antibiotic resistance genes in zebrafish (<i>Danio rerio</i>) fed <i>Hermetia illucens</i> -based feed. <i>Animal Feed Science and Technology</i> , 2021 , 277, 114978	3	4
100	Microbial dynamics in rearing trials of <i>Hermetia illucens</i> larvae fed coffee silverskin and microalgae. <i>Food Research International</i> , 2021 , 140, 110028	7	11
99	Occurrence of Antibiotic Resistance Genes in Larvae Fed Coffee Silverskin Enriched with or Microalgae. <i>Genes</i> , 2021 , 12,	4.2	2
98	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. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 248, 109116	3.2	1
97	Physiological responses of Siberian sturgeon (<i>Acipenser baerii</i>) juveniles fed on full-fat insect-based diet in an aquaponic system. <i>Scientific Reports</i> , 2021 , 11, 1057	4.9	15
96	Salinity, Temperature and Ammonia Acute Stress Response in Seabream (<i>Lepomis microlophus</i>) Juveniles: A Multidisciplinary Study. <i>Animals</i> , 2021 , 11,	3.1	7
95	A Chemically Safe Way to Produce Insect Biomass for Possible Application in Feed and Food Production. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	12
94	Dietary inclusion of full-fat <i>Hermetia illucens</i> prepupae meal in practical diets for rainbow trout (<i>Oncorhynchus mykiss</i>): Lipid metabolism and fillet quality investigations. <i>Aquaculture</i> , 2020 , 529, 735678	4.4	26

93	Honey Bee Pollen in Meagre () Juvenile Diets: Effects on Growth, Diet Digestibility, Intestinal Traits, and Biochemical Markers Related to Health and Stress. <i>Animals</i> , 2020 , 10,	3.1	12
92	Alternative Ingredients for Feed and Food 2020 , 529-545		2
91	Fatty acids profile of black soldier fly (<i>Hermetia illucens</i>): Influence of feeding substrate based on coffee-waste silverskin enriched with microalgae. <i>Animal Feed Science and Technology</i> , 2020 , 259, 114309	3	39
90	Black Soldier Fly (<i>Hermetia illucens</i>) reared on roasted coffee by-product and <i>Schizochytrium</i> sp. as a sustainable terrestrial ingredient for aquafeeds production. <i>Aquaculture</i> , 2020 , 518, 734659	4.4	41
89	Zebrafish (<i>Danio rerio</i>) physiological and behavioural responses to insect-based diets: a multidisciplinary approach. <i>Scientific Reports</i> , 2020 , 10, 10648	4.9	26
88	Can Insect-Based Diets Affect Zebrafish () Reproduction? A Multidisciplinary Study. <i>Zebrafish</i> , 2020 , 17, 287-304	2	7
87	A Multidisciplinary Experimental Study on the Effects of Breeders Diet on Newborn Seahorses (<i>Hippocampus guttulatus</i>). <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	8
86	Stealth Iron Oxide Nanoparticles for Organotropic Drug Targeting. <i>Biomacromolecules</i> , 2019 , 20, 1375-1384	3.4	21
85	Effects of Graded Dietary Inclusion Level of Full-Fat Prepupae Meal in Practical Diets for Rainbow Trout (). <i>Animals</i> , 2019 , 9,	3.1	62
84	A six-months study on Black Soldier Fly (<i>Hermetia illucens</i>) based diets in zebrafish. <i>Scientific Reports</i> , 2019 , 9, 8598	4.9	46
83	Biologically safe colloidal suspensions of naked iron oxide nanoparticles for in situ antibiotic suppression. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 102-111	6	7
82	Self-assembly of chlorin-e6 on FeO nanoparticles: Application for larvicidal activity against <i>Aedes aegypti</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019 , 194, 21-31	6.7	14
81	Intestinal Morphometry, Enzymatic and Microbial Activity in Laying Hens Fed Different Levels of a Larvae Meal and Toxic Elements Content of the Insect Meal and Diets. <i>Animals</i> , 2019 , 9,	3.1	25
80	Insect meal based diets for clownfish: Biometric, histological, spectroscopic, biochemical and molecular implications. <i>Aquaculture</i> , 2019 , 498, 1-11	4.4	45
79	Safety assessment of antibiotic administration by magnetic nanoparticles in in vitro zebrafish liver and intestine cultures. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 224, 108559	3.2	2
78	Chemical Communication in the Symbiotic Interaction between the anemone <i>Exaiptasia diaphana</i> (ex <i>Aiptasia pallida</i>) Rapp and the Dinoflagellate <i>Symbiodinium</i> spp.. <i>Cryptogamie, Algologie</i> , 2019 , 40, 85	0.7	
77	<i>Hermetia illucens</i> in diets for zebrafish (<i>Danio rerio</i>): A study of bacterial diversity by using PCR-DGGE and metagenomic sequencing. <i>PLoS ONE</i> , 2019 , 14, e0225956	3.7	21
76	Measurement of the 100 MHz EMF radiation in vivo effects on zebrafish <i>D. rerio</i> embryonic development: A multidisciplinary study. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 154, 268-279	7	7

75	Effects of Lactogen 13, a New Probiotic Preparation, on Gut Microbiota and Endocrine Signals Controlling Growth and Appetite of Oreochromis niloticus Juveniles. <i>Microbial Ecology</i> , 2018 , 76, 1063-1074	4.4	16
74	Kluyveromyces fragilis RNA extract supplementation promotes growth, modulates stress and inflammatory response in zebrafish. <i>Aquaculture Research</i> , 2018 , 49, 1521-1534	1.9	3
73	Evaluation of an insect meal of the Black Soldier Fly (Hermetia illucens) as soybean substitute: Intestinal morphometry, enzymatic and microbial activity in laying hens. <i>Research in Veterinary Science</i> , 2018 , 117, 209-215	2.5	64
72	Effects of Parental Aging During Embryo Development and Adult Life: The Case of Nothobranchius furzeri. <i>Zebrafish</i> , 2018 , 15, 112-123	2	6
71	Rearing Zebrafish on Black Soldier Fly (Hermetia illucens): Biometric, Histological, Spectroscopic, Biochemical, and Molecular Implications. <i>Zebrafish</i> , 2018 , 15, 404-419	2	45
70	The influence of diet on the early development of two seahorse species (H. guttulatus and H. reidi): Traditional and innovative approaches. <i>Aquaculture</i> , 2018 , 490, 75-90	4.4	27
69	Breeders Age Affects Reproductive Success in Nothobranchius furzeri. <i>Zebrafish</i> , 2018 , 15, 546-557	2	6
68	New insights on the macromolecular building of rainbow trout (O. mykiss) intestine: FTIR Imaging and histological correlative study. <i>Aquaculture</i> , 2018 , 497, 1-9	4.4	23
67	Partial Dietary Inclusion of Hermetia illucens (Black Soldier Fly) Full-Fat Prepupae in Zebrafish Feed: Biometric, Histological, Biochemical, and Molecular Implications. <i>Zebrafish</i> , 2018 , 15, 519-532	2	45
66	Marine ornamental species culture: From the past to "Finding Dory". <i>General and Comparative Endocrinology</i> , 2017 , 245, 116-121	3	19
65	Growth and stress factors in ballan wrasse (Labrus bergylta) larval development. <i>Aquaculture Research</i> , 2017 , 48, 2567-2580	1.9	14
64	Life Cycles in Marine Ornamental Species [Fishes as a Case Study 2017 , 23-49		6
63	Broodstock Systems 2017 , 81-99		1
62	Live Prey Production Systems 2017 , 111-124		3
61	Corals 2017 , 406-436		4
60	Dietary administration of EDC mixtures: A focus on fish lipid metabolism. <i>Aquatic Toxicology</i> , 2017 , 185, 95-104	5.1	45
59	Other Demersal Spawners and Mouthbrooders 2017 , 223-250		2
58	The Marine Ornamental Species Trade 2017 , 3-14		13

57	Growout and Broodstock Nutrition 2017 , 139-158		3
56	Dwarf Angelfish 2017 , 279-298		0
55	Seahorses and Pipefish 2017 , 299-326		2
54	The Need for Cultured Specimens 2017 , 15-22		5
53	Snails, Slugs and Cephalopods 2017 , 536-563		3
52	How Nano Tanks can Foster the Demand for Bred and Cultured Marine Ornamentals 2017 , 635-646		
51	Early Culture Trials and an Overview on U.S. Marine Ornamental Species Trade 2017 , 51-70		3
50	Larviculture Systems 2017 , 101-110		
49	Larval Diets and Nutrition 2017 , 125-137		3
48	Overview of Marine Ornamental Species Aquaculture 2017 , 1-2		1
47	Facilities, Culture Systems and Other Specific Requirements 2017 , 71-73		
46	Marine Ornamental Invertebrates Aquaculture 2017 , 381-383		
45	Other Issues in Marine Ornamental Species Aquaculture 2017 , 595-596		
44	Giant Clams 2017 , 510-535		2
43	Clownfish 2017 , 177-199		4
42	A Novel Photocatalytic Purification System for Fish Culture. <i>Zebrafish</i> , 2017 , 14, 411-421	2	16
41	Effects of BPA on female reproductive function: The involvement of epigenetic mechanism. <i>General and Comparative Endocrinology</i> , 2017 , 245, 122-126	3	57
40	Oxytetracycline Delivery in Adult Female Zebrafish by Iron Oxide Nanoparticles. <i>Zebrafish</i> , 2016 , 13, 495-503		19

39	Herbivory in the soft coral <i>Sinularia flexibilis</i> (Alcyoniidae). <i>Scientific Reports</i> , 2016 , 6, 22679	4.9	8
38	Characterization and transcriptional profiles of <i>Engraulis encrasicolus</i> ' GnRH forms. <i>Reproduction</i> , 2016 , 152, 727-739	3.8	5
37	<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	4.3	17
36	<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	4.9	120
35	The effects of starving and feeding on Dover sole (<i>Solea solea</i> , Soleidae, Linnaeus, 1758) stress response and early larval development. <i>Aquaculture Research</i> , 2015 , 46, 2512-2526	1.9	16
34	Transfer of silica-coated magnetic (Fe ₃ O ₄) nanoparticles through food: a molecular and morphological study in zebrafish. <i>Zebrafish</i> , 2014 , 11, 567-79	2	35
33	The influence of probiotics on zebrafish <i>Danio rerio</i> innate immunity and hepatic stress. <i>Zebrafish</i> , 2014 , 11, 98-106	2	54
32	The use of preserved copepods in sea bream small-scale culture: biometric, biochemical and molecular implications. <i>Aquaculture Nutrition</i> , 2014 , 20, 90-100	3.2	8
31	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	3.6	59
30	Melatonin and peripheral circuitries: insights on appetite and metabolism in <i>Danio rerio</i> . <i>Zebrafish</i> , 2013 , 10, 275-82	2	26
29	Probiotic supplementation promotes calcification in <i>Danio rerio</i> larvae: a molecular study. <i>PLoS ONE</i> , 2013 , 8, e83155	3.7	40
28	Are <i>Acartia tonsa</i> cold-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	3.2	15
27	Malnutrition may affect common sole (<i>Solea solea</i> L.) growth, pigmentation and stress response: molecular, biochemical and histological implications. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012 , 161, 361-71	2.6	24
26	Use of <i>Enterococcus faecium</i> to improve common sole (<i>Solea solea</i>) larviculture. <i>Aquaculture</i> , 2011 , 315, 384-393	4.4	41
25	Melatonin induces follicle maturation in <i>Danio rerio</i> . <i>PLoS ONE</i> , 2011 , 6, e19978	3.7	64
24	Advances in Breeding and Rearing Marine Ornamentals. <i>Journal of the World Aquaculture Society</i> , 2011 , 42, 135-166	2.5	160
23	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, 207-18	2.6	36
22	Feeding strategies for striped blenny <i>Meiacanthus grammistes</i> larvae. <i>Aquaculture Research</i> , 2010 , 41, e307-e315	1.9	17

21	Welfare improvement using alginic acid in rainbow trout (<i>Oncorhynchus mykiss</i>) juveniles. <i>Chemistry and Ecology</i> , 2010 , 26, 111-121	2.3	17
20	Increase of fecundity by probiotic administration in zebrafish (<i>Danio rerio</i>). <i>Reproduction</i> , 2010 , 140, 953-98	3.2	68
19	Effect of dietary probiotics on clownfish: a molecular approach to define how lactic acid bacteria modulate development in a marine fish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R359-71	3.2	70
18	Appetite regulation: the central role of melatonin in <i>Danio rerio</i> . <i>Hormones and Behavior</i> , 2010 , 58, 780-5,7	3.7	64
17	Preserved copepods as a new technology for the marine ornamental fish aquaculture: A feeding study. <i>Aquaculture</i> , 2010 , 308, 124-131	4.4	38
16	Breeding and rearing the longsnout seahorse <i>Hippocampus reidi</i> : Rearing and feeding studies. <i>Aquaculture</i> , 2008 , 283, 92-96	4.4	80
15	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	4.4	51
14	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	4.4	63
13	The role of fatty acids enrichments in the larviculture of false percula clownfish <i>Amphiprion ocellaris</i> . <i>Aquaculture</i> , 2007 , 273, 87-95	4.4	42
12	Effects of nonylphenol on juveniles and adults in the grey mullet, <i>Liza aurata</i> . <i>Reproductive Toxicology</i> , 2006 , 22, 449-54	3.4	40
11	Vitellogenesis in the deep-sea shark <i>Centroscyrnus coelolepis</i> . <i>Chemistry and Ecology</i> , 2006 , 22, 335-345,3	5.3	6
10	Spawning, early development, and first feeding in the lemonpeel angelfish <i>Centropyge flavissimus</i> . <i>Aquaculture</i> , 2006 , 253, 270-278	4.4	64
9	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	4.4	206
8	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	4.4	55
7	Breeding, rearing and feeding studies in the cleaner goby <i>Gobiosoma evelynae</i> . <i>Aquaculture</i> , 2005 , 250, 175-182	4.4	55
6	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, 12-8	2.6	56
5	Temporary impairment of reproduction in freshwater teleost exposed to nonylphenol. <i>Reproductive Toxicology</i> , 2004 , 18, 597-604	3.4	67
4	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	2.5	36

3	Role of substrate on larval development of the freshwater teleost <i>Pelvicachromis pulcher</i> . <i>Molecular Reproduction and Development</i> , 2003 , 66, 256-63	2.6	7
2	Coral reef fish breeding: the secrets of each species. <i>Aquaculture</i> , 2003 , 224, 69-78	4.4	59
1	<i>Diplodus sargus</i> interrenal-pituitary response: chemical communication in stressed fish. <i>General and Comparative Endocrinology</i> , 2002 , 127, 66-70	3	34