Basilio Randazzo

List of Publications by Year
in descending order

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39 papers	1,131 citations	393982 19 h-index	395343 33 g-index
40 all docs	40 docs citations	40 times ranked	971 citing authors

#	Article	IF	Citations
1	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
2	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
3	A six-months study on Black Soldier Fly (Hermetia illucens) based diets in zebrafish. Scientific Reports, 2019, 9, 8598.	1.6	65
4	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
5	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
6	Insect meal based diets for clownfish: Biometric, histological, spectroscopic, biochemical and molecular implications. Aquaculture, 2019, 498, 1-11.	1.7	55
7	Rearing Zebrafish on Black Soldier Fly (Hermetia illucens): Biometric, Histological, Spectroscopic, Biochemical, and Molecular Implications. Zebrafish, 2018, 15, 404-419.	0.5	53
8	Zebrafish (Danio rerio) physiological and behavioural responses to insect-based diets: a multidisciplinary approach. Scientific Reports, 2020, 10, 10648.	1.6	52
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Marine ornamental species culture: From the past to â€œFinding Doryâ€• General and Comparative Endocrinology, 2017, 245, 116-121.	0.8	26
17	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
18	Oxytetracycline Delivery in Adult Female Zebrafish by Iron Oxide Nanoparticles. Zebrafish, 2016, 13, 495-503.	0.5	24

#	Article	IF	Citations
19	Application of laboratory methods for understanding fish responses to black soldier fly (Hermetia) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	23
20	Acid-sensing ion channels and transient-receptor potential ion channels in zebrafish taste buds. Annals of Anatomy, 2016, 207, 32-37.	1.0	19
21	A Novel Photocatalytic Purification System for Fish Culture. Zebrafish, 2017, 14, 411-421.	0.5	19
22	Anti-inflammatory effect of a flavonoid-rich extract of orange juice in adult zebrafish subjected to Vibrio anguillarum-induced enteritis. Natural Product Research, 2021, 35, 5350-5353.	1.0	19
23	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
24	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
25	Dietary diisononylphthalate contamination induces hepatic stress: a multidisciplinary investigation in gilthead seabream (Sparus aurata) liver. Archives of Toxicology, 2019, 93, 2361-2373.	1.9	15
26	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
27	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
28	Presence and distribution of leptin and its receptor in the gut of adult zebrafish in response to feeding and fasting. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2018, 47, 456-465.	0.3	13
29	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
30	Can Insect-Based Diets Affect Zebrafish (Danio rerio) Reproduction? A Multidisciplinary Study. Zebrafish, 2020, 17, 287-304.	0.5	12
31	Effects of Di-Isononyl Phthalate (DiNP) on Follicular Atresia in Zebrafish Ovary. Frontiers in Endocrinology, 2021, 12, 677853.	1.5	12
32	A multidisciplinary approach to study the reproductive biology of wild prawns. Scientific Reports, 2017, 7, 16781.	1.6	9
33	Induction of mild enterocolitis in zebrafish Danio rerio via ingestion of Vibrio anguillarum serovar O1. Diseases of Aquatic Organisms, 2015, 115, 47-55.	0.5	8
34	Kluyveromyces fragilisRNA extract supplementation promotes growth, modulates stress and inflammatory response in zebrafish. Aquaculture Research, 2018, 49, 1521-1534.	0.9	6
35	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
36	Polydatin Beneficial Effects in Zebrafish Larvae Undergoing Multiple Stress Types. International Journal of Environmental Research and Public Health, 2021, 18, 1116.	1.2	3

#	Article	IF	Citations
37	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
38	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
39	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