P Antony Jesu Prabhu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3754894/publications.pdf

Version: 2024-02-01

40 papers	988 citations	471509 17 h-index	454955 30 g-index
40 all docs	40 docs citations	40 times ranked	771 citing authors

#	Article	IF	Citations
1	Mineral requirements of fish: a systematic review. Reviews in Aquaculture, 2016, 8, 172-219.	9.0	180
2	Anti-oxidative and immuno-hematological status of Tilapia (Oreochromis mossambicus) during acute toxicity test of endosulfan. Pesticide Biochemistry and Physiology, 2011, 99, 45-52.	3.6	103
3	Influence of the forms and levels of dietary selenium on antioxidant status and oxidative stress-related parameters in rainbow trout (Oncorhynchus mykiss) fry. British Journal of Nutrition, 2015, 113, 1876-1887.	2.3	71
4	Quantifying dietary phosphorus requirement of fish - a meta-analytic approach. Aquaculture Nutrition, 2013, 19, 233-249.	2.7	54
5	Mineral nutrition and bone health in salmonids. Reviews in Aquaculture, 2019, 11, 740-765.	9.0	50
6	Effect of dietary selenium in rainbow trout (Oncorhynchus mykiss) broodstock on antioxidant status, its parental transfer and oxidative status in the progeny. Aquaculture, 2019, 507, 126-138.	3.5	42
7	A meta-analysis on the nutritional value of insects in aquafeeds. Journal of Insects As Food and Feed, 2021, 7, 743-759.	3.9	41
8	Apparent availability of zinc, selenium and manganese as inorganic metal salts or organic forms in plant-based diets for Atlantic salmon (Salmo salar). Aquaculture, 2019, 503, 562-570.	3.5	30
9	Post-prandial changes in plasma mineral levels in rainbow trout fed a complete plant ingredient based diet and the effect of supplemental di-calcium phosphate. Aquaculture, 2014, 430, 34-43.	3.5	29
10	Influence of Dietary Selenium Species on Selenoamino Acid Levels in Rainbow Trout. Journal of Agricultural and Food Chemistry, 2015, 63, 6484-6492.	5.2	25
11	Zinc uptake in fish intestinal epithelial model RTgutGC: Impact of media ion composition and methionine chelation. Journal of Trace Elements in Medicine and Biology, 2018, 50, 377-383.	3.0	25
12	Oxidative stress and antioxidant response in rainbow trout fry exposed to acute hypoxia is affected by selenium nutrition of parents and during first exogenous feeding. Free Radical Biology and Medicine, 2020, 155, 99-113.	2.9	25
13	Optimum selenium levels in diets high in plantâ€based feedstuffs for gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Over	2.7	24
14	Higher dietary micronutrients are required to maintain optimal performance of Atlantic salmon (Salmo salar) fed a high plant material diet during the full production cycle. Aquaculture, 2020, 528, 735551.	3.5	23
15	Recommendations for dietary level of micro-minerals and vitamin D₃ to Atlantic salmon (Salmo salar) parr and post-smolt when fed low fish meal diets. PeerJ, 2019, 7, e6996.	2.0	23
16	Evaluating dietary supply of microminerals as a premix in a complete plant ingredient-based diet to juvenile rainbow trout (Oncorhynchus mykiss). Aquaculture Nutrition, 2018, 24, 539-547.	2.7	22
17	Effect of levels and sources of dietary manganese on growth and mineral composition of post-smolt Atlantic salmon fed low fish meal, plant-based ingredient diets. Aquaculture, 2019, 512, 734287.	3.5	20
18	Effect of selenium sources in plant-based diets on antioxidant status and oxidative stress-related parameters in rainbow trout juveniles under chronic stress exposure. Aquaculture, 2020, 529, 735684.	3.5	20

#	Article	IF	Citations
19	Dietary selenium required to achieve body homeostasis and attenuate pro-inflammatory responses in Atlantic salmon post-smolt exceeds the present EU legal limit. Aquaculture, 2020, 526, 735413.	3.5	18
20	Water exchange rate in RAS and dietary inclusion of micro-minerals influence growth, body composition and mineral metabolism in common carp. Aquaculture, 2017, 471, 8-18.	3.5	15
21	Responses in Micro-Mineral Metabolism in Rainbow Trout to Change in Dietary Ingredient Composition and Inclusion of a Micro-Mineral Premix. PLoS ONE, 2016, 11, e0149378.	2.5	14
22	Effects of vitamin D3 supplementation in gilthead seabream (Sparus aurata) juveniles fed diets high in plant based feedstuffs. Aquaculture, 2021, 543, 736991.	3.5	14
23	Effects of dietary vitamin D3 levels on survival, mineralization, and skeletal development of gilthead seabream (Sparus aurata) larvae. Aquaculture, 2022, 560, 738505.	3.5	13
24	Changes in daylength and temperature from April until August for Atlantic salmon (Salmo salar) reared in sea cages, increase growth, and may cause consumption of antioxidants, onset of cataracts and increased oxidation of fillet astaxanthin. Aquaculture, 2022, 551, 737950.	3.5	12
25	Dietary manganese levels for gilthead sea bream (Sparus aurata) fingerlings fed diets high in plant ingredients. Aquaculture, 2020, 529, 735614.	3.5	10
26	Faecal waste production, characteristics and recovery in European seabass (Dicentrarchus labrax) is affected by dietary ingredient composition. Aquaculture, 2022, 548, 737582.	3.5	10
27	Comparison of endogenous loss and maintenance need for minerals in rainbow trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	9
28	In vitro digestion method to evaluate solubility of dietary zinc, selenium and manganese in salmonid diets. Journal of Trace Elements in Medicine and Biology, 2020, 57, 126418.	3.0	9
29	Parental Selenium Nutrition Affects the One-Carbon Metabolism and the Hepatic DNA Methylation Pattern of Rainbow Trout (Oncorhynchus mykiss) in the Progeny. Life, 2020, 10, 121.	2.4	9
30	Effects of copper levels in diets high in plant ingredients on gilthead sea bream (Sparus aurata) fingerlings. Aquaculture, 2019, 507, 466-474.	3.5	8
31	Dietary ingredient composition alters faecal characteristics and waste production in common carp reared in recirculation system. Aquaculture, 2019, 512, 734357.	3.5	7
32	Tissue localization of selenium of parental or dietary origin in rainbow trout (<i>Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	2.4	7
33	Can improved nutrition for Atlantic salmon in freshwater increase fish robustness, survival and growth after seawater transfer?. Aquaculture, 2021, 542, 736852.	3.5	6
34	Dietary micronutrient composition affects fillet texture and muscle cell size in Atlantic salmon () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.7	5
35	Dietary electrolyte balance of Atlantic salmon (Salmo salar) freshwater feeds: Impact on osmoregulation, mineral metabolism and performance in seawater. Aquaculture, 2022, 546, 737305.	3.5	5
36	Impact of dietary zinc and seawater transfer on zinc status, availability, endogenous loss and osmoregulatory responses in Atlantic salmon smolt fed low fish meal feeds. Aquaculture, 2022, 549, 737804.	3.5	4

#	Article	IF	Citations
37	Long-term feeding of Atlantic salmon with varying levels of dietary EPA + DHA alters the mineral status but does not affect the stress responses after mechanical delousing stress. British Journal of Nutrition, 2022, 128, 2291-2307.	2.3	3
38	Dietary plant oil supplemented with arachidonic acid and eicosapentaenoic acid affects the fatty acid composition and eicosanoid metabolism of Atlantic salmon (Salmo salar L.) during smoltification. Fish and Shellfish Immunology, 2022, 123, 194-206.	3.6	2
39	Long-term effect of parental selenium supplementation on the one-carbon metabolism in rainbow trout (Oncorhynchus mykiss) fry exposed to hypoxic stress. British Journal of Nutrition, 2021, , 1-12.	2.3	1
40	Assessing Mineral Availability in Fish Feeds using Complementary Methods Demonstrated with the Example of Zinc in Atlantic Salmon. Journal of Visualized Experiments, 2021, , .	0.3	0