

P Antony Jesu Prabhu

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

988
citations

471509

17
h-index

454955

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40
docs citations

40
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary electrolyte balance of Atlantic salmon (<i>Salmo salar</i>) freshwater feeds: Impact on osmoregulation, mineral metabolism and performance in seawater. <i>Aquaculture</i> , 2022, 546, 737305.	3.5	5
2	Faecal waste production, characteristics and recovery in European seabass (<i>Dicentrarchus labrax</i>) is affected by dietary ingredient composition. <i>Aquaculture</i> , 2022, 548, 737582.	3.5	10
3	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. <i>Aquaculture</i> , 2022, 549, 737804.	3.5	4
4	Changes in daylength and temperature from April until August for Atlantic salmon (<i>Salmo salar</i>) reared in sea cages, increase growth, and may cause consumption of antioxidants, onset of cataracts and increased oxidation of fillet astaxanthin. <i>Aquaculture</i> , 2022, 551, 737950.	3.5	12
5	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. <i>British Journal of Nutrition</i> , 2022, 128, 2291-2307.	2.3	3
6	Dietary plant oil supplemented with arachidonic acid and eicosapentaenoic acid affects the fatty acid composition and eicosanoid metabolism of Atlantic salmon (<i>Salmo salar</i> L.) during smoltification. <i>Fish and Shellfish Immunology</i> , 2022, 123, 194-206.	3.6	2
7	Effects of dietary vitamin D3 levels on survival, mineralization, and skeletal development of gilthead seabream (<i>Sparus aurata</i>) larvae. <i>Aquaculture</i> , 2022, 560, 738505.	3.5	13
8	Long-term effect of parental selenium supplementation on the one-carbon metabolism in rainbow trout (<i>Oncorhynchus mykiss</i>) fry exposed to hypoxic stress. <i>British Journal of Nutrition</i> , 2021, , 1-12.	2.3	1
9	A meta-analysis on the nutritional value of insects in aquafeeds. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 743-759.	3.9	41
10	Can improved nutrition for Atlantic salmon in freshwater increase fish robustness, survival and growth after seawater transfer?. <i>Aquaculture</i> , 2021, 542, 736852.	3.5	6
11	Effects of vitamin D3 supplementation in gilthead seabream (<i>Sparus aurata</i>) juveniles fed diets high in plant based feedstuffs. <i>Aquaculture</i> , 2021, 543, 736991.	3.5	14
12	Tissue localization of selenium of parental or dietary origin in rainbow trout (<i>Oncorhynchus mykiss</i>) fry. <i>Journal of Inorganic Biochemistry</i> , 2021, 211, 111111.	2.4	10
13	Assessing Mineral Availability in Fish Feeds using Complementary Methods Demonstrated with the Example of Zinc in Atlantic Salmon. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
14	In vitro digestion method to evaluate solubility of dietary zinc, selenium and manganese in salmonid diets. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 57, 126418.	3.0	9
15	Optimum selenium levels in diets high in plant-based feedstuffs for gilthead sea bream (<i>Sparus aurata</i>) juveniles. <i>Journal of Inorganic Biochemistry</i> , 2020, 207, 111111.	2.7	24
16	Parental Selenium Nutrition Affects the One-Carbon Metabolism and the Hepatic DNA Methylation Pattern of Rainbow Trout (<i>Oncorhynchus mykiss</i>) in the Progeny. <i>Life</i> , 2020, 10, 121.	2.4	9
17	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. <i>Free Radical Biology and Medicine</i> , 2020, 155, 99-113.	2.9	25
18	Higher dietary micronutrients are required to maintain optimal performance of Atlantic salmon (<i>Salmo salar</i>) fed a high plant material diet during the full production cycle. <i>Aquaculture</i> , 2020, 528, 735551.	3.5	23

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19	Dietary manganese levels for gilthead sea bream (<i>Sparus aurata</i>) fingerlings fed diets high in plant ingredients. <i>Aquaculture</i> , 2020, 529, 735614.	3.5	10
20	Dietary micronutrient composition affects fillet texture and muscle cell size in Atlantic salmon (<i>Salmo salar</i>) parr. <i>Journal of the World Aquaculture Society</i> , 2020, 51, 107-115.	2.7	5
21	Effect of selenium sources in plant-based diets on antioxidant status and oxidative stress-related parameters in rainbow trout juveniles under chronic stress exposure. <i>Aquaculture</i> , 2020, 529, 735684.	3.5	20
22	Dietary selenium required to achieve body homeostasis and attenuate pro-inflammatory responses in Atlantic salmon post-smolt exceeds the present EU legal limit. <i>Aquaculture</i> , 2020, 526, 735413.	3.5	18
23	Mineral nutrition and bone health in salmonids. <i>Reviews in Aquaculture</i> , 2019, 11, 740-765.	9.0	50
24	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. <i>Aquaculture</i> , 2019, 512, 734287.	3.5	20
25	Dietary ingredient composition alters faecal characteristics and waste production in common carp reared in recirculation system. <i>Aquaculture</i> , 2019, 512, 734357.	3.5	7
26	Apparent availability of zinc, selenium and manganese as inorganic metal salts or organic forms in plant-based diets for Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture</i> , 2019, 503, 562-570.	3.5	30
27	Effects of copper levels in diets high in plant ingredients on gilthead sea bream (<i>Sparus aurata</i>) fingerlings. <i>Aquaculture</i> , 2019, 507, 466-474.	3.5	8
28	Effect of dietary selenium in rainbow trout (<i>Oncorhynchus mykiss</i>) broodstock on antioxidant status, its parental transfer and oxidative status in the progeny. <i>Aquaculture</i> , 2019, 507, 126-138.	3.5	42
29	Recommendations for dietary level of micro-minerals and vitamin D ₃ to Atlantic salmon (<i>Salmo salar</i>) parr and post-smolt when fed low fish meal diets. <i>PeerJ</i> , 2019, 7, e6996.	2.0	23
30	Evaluating dietary supply of microminerals as a premix in a complete plant ingredient-based diet to juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture Nutrition</i> , 2018, 24, 539-547.	2.7	22
31	Zinc uptake in fish intestinal epithelial model RTgutGC: Impact of media ion composition and methionine chelation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 377-383.	3.0	25
32	Water exchange rate in RAS and dietary inclusion of micro-minerals influence growth, body composition and mineral metabolism in common carp. <i>Aquaculture</i> , 2017, 471, 8-18.	3.5	15
33	Responses in Micro-Mineral Metabolism in Rainbow Trout to Change in Dietary Ingredient Composition and Inclusion of a Micro-Mineral Premix. <i>PLoS ONE</i> , 2016, 11, e0149378.	2.5	14
34	Mineral requirements of fish: a systematic review. <i>Reviews in Aquaculture</i> , 2016, 8, 172-219.	9.0	180
35	Influence of the forms and levels of dietary selenium on antioxidant status and oxidative stress-related parameters in rainbow trout (<i>Oncorhynchus mykiss</i>) fry. <i>British Journal of Nutrition</i> , 2015, 113, 1876-1887.	2.3	71
36	Influence of Dietary Selenium Species on Selenoamino Acid Levels in Rainbow Trout. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6484-6492.	5.2	25

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37	Comparison of endogenous loss and maintenance need for minerals in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0,784314 rgBT /Overl	2.3	9
38	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. <i>Aquaculture</i> , 2014, 430, 34-43.	3.5	29
39	Quantifying dietary phosphorus requirement of fish - a meta-analytic approach. <i>Aquaculture Nutrition</i> , 2013, 19, 233-249.	2.7	54
40	Anti-oxidative and immuno-hematological status of Tilapia (<i>Oreochromis mossambicus</i>) during acute toxicity test of endosulfan. <i>Pesticide Biochemistry and Physiology</i> , 2011, 99, 45-52.	3.6	103