

Biju Sam Kamalam

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

859
citations

759190

12
h-index

839512

18
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18
all docs

18
docs citations

18
times ranked

712
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of data mining and machine learning framework in aquaculture and fisheries: A review. <i>Smart Agricultural Technology</i> , 2022, 2, 100061.	5.4	39
2	Dietary soy lecithin augments antioxidative defense and thermal tolerance but fails to modulate non-specific immune genes in endangered golden mahseer (<i>Tor putitora</i>) fry. <i>Fish and Shellfish Immunology</i> , 2021, 109, 34-40.	3.6	17
3	Intra-annual changes in reproductive indices of male and female Himalayan snow trout, <i>Schizothorax richardsonii</i> (Gray, 1832). <i>Aquaculture Research</i> , 2021, 52, 130-141.	1.8	5
4	Molecular characterization of non-specific immune genes of endangered golden mahseer (<i>Tor</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622. <i>Immunology</i> , 2021, 118, 119-146.	3.6	4
5	Concurrent changes in thermal tolerance thresholds and cellular heat stress response reveals novel molecular signatures and markers of high temperature acclimation in rainbow trout. <i>Journal of Thermal Biology</i> , 2021, 102, 103124.	2.5	15
6	Effect of photoperiod and temperature on indicators of immunity and wellbeing of endangered golden mahseer (<i>Tor putitora</i>) broodstock. <i>Journal of Thermal Biology</i> , 2020, 93, 102694.	2.5	16
7	Temperature and oxygen related ecophysiological traits of snow trout (<i>Schizothorax richardsonii</i>) are sensitive to seasonal changes in a Himalayan stream environment. <i>Journal of Thermal Biology</i> , 2019, 83, 22-29.	2.5	12
8	Molecular characterisation and transcriptional regulation of muscle growth regulatory factors myogenin and myogenic factor 6 in the Trans-Himalayan cyprinid fish <i>Schizothorax richardsonii</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 231, 188-200.	1.8	8
9	Photo-thermal manipulations induce captive maturation and spawning in endangered golden mahseer (<i>Tor putitora</i>): A silver-lining in the strangled conservation efforts of decades. <i>Aquaculture</i> , 2018, 497, 336-347.	3.5	24
10	Utilisation of dietary carbohydrates in farmed fishes: New insights on influencing factors, biological limitations and future strategies. <i>Aquaculture</i> , 2017, 467, 3-27.	3.5	369
11	Reproductive dysfunction in females of endangered golden mahseer (<i>Tor putitora</i>) in captivity. <i>Animal Reproduction Science</i> , 2017, 182, 95-103.	1.5	20
12	Prolonged transport of rainbow trout fingerlings in plastic bags: Optimization of hauling conditions based on survival and water chemistry. <i>Aquaculture</i> , 2017, 480, 103-107.	3.5	9
13	Comparison of Glucose and Lipid Metabolic Gene Expressions between Fat and Lean Lines of Rainbow Trout after a Glucose Load. <i>PLoS ONE</i> , 2014, 9, e105548.	2.5	51
14	Glucose metabolic gene expression in growth hormone transgenic coho salmon. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 170, 38-45.	1.8	25
15	Insulin regulates lipid and glucose metabolism similarly in two lines of rainbow trout divergently selected for muscle fat content. <i>General and Comparative Endocrinology</i> , 2014, 204, 49-59.	1.8	31
16	Selection for high muscle fat in rainbow trout induces potentially higher chylomicron synthesis and PUFA biosynthesis in the intestine. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 164, 417-427.	1.8	36
17	Metabolism and Fatty Acid Profile in Fat and Lean Rainbow Trout Lines Fed with Vegetable Oil: Effect of Carbohydrates. <i>PLoS ONE</i> , 2013, 8, e76570.	2.5	52
18	Regulation of metabolism by dietary carbohydrates in two lines of rainbow trout divergently selected for muscle fat content. <i>Journal of Experimental Biology</i> , 2012, 215, 2567-2578.	1.7	126