

M S Akhtar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8728644/publications.pdf>

Version: 2024-02-01

42
papers

1,254
citations

471371

17
h-index

377752

34
g-index

42
all docs

42
docs citations

42
times ranked

1517
citing authors

#	ARTICLE	IF	CITATIONS
1	Beta-glucan: an ideal immunostimulant in aquaculture (a review). <i>Fish Physiology and Biochemistry</i> , 2013, 39, 431-457.	0.9	353
2	Amino Acid Compositions of 27 Food Fishes and Their Importance in Clinical Nutrition. <i>Journal of Amino Acids</i> , 2014, 2014, 1-7.	5.8	128
3	Haemato-immunological and stress responses of <i>Labeo rohita</i> (Hamilton) fingerlings: effect of rearing temperature and dietary gelatinized carbohydrate. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2011, 95, 653-663.	1.0	68
4	Stress management in aquaculture: a review of dietary interventions. <i>Reviews in Aquaculture</i> , 2021, 13, 2190-2247.	4.6	65
5	Nitrite implications and its management strategies in aquaculture: a review. <i>Reviews in Aquaculture</i> , 2020, 12, 878-908.	4.6	62
6	Alterations in serum electrolytes, antioxidative enzymes and haematological parameters of <i>Labeo rohita</i> on short-term exposure to sublethal dose of nitrite. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1355-1365.	0.9	57
7	Thermal tolerance, oxygen consumption and haemato-biochemical variables of <i>Tor putitora</i> juveniles acclimated to five temperatures. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1387-1398.	0.9	44
8	Nutritional Quality in Terms of Amino Acid and Fatty Acid of Five Coldwater Fish Species: Implications to Human Health. <i>The National Academy of Sciences, India</i> , 2013, 36, 385-391.	0.8	43
9	Physiological responses of dietary tryptophan fed <i>Labeo rohita</i> to temperature and salinity stress. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 1075-1083.	1.0	35
10	Dietary pyridoxine potentiates thermal tolerance, heat shock protein and protect against cellular stress of Milkfish (<i>Chanos chanos</i>) under endosulfan-induced stress. <i>Fish and Shellfish Immunology</i> , 2016, 55, 407-414.	1.6	33
11	Dietary L-tryptophan modulates growth and immuno-metabolic status of <i>Labeo rohita</i> juveniles exposed to nitrite. <i>Aquaculture Research</i> , 2015, 46, 2013-2024.	0.9	31
12	Seasonal variation in thermal tolerance, oxygen consumption, antioxidative enzymes and non-specific immune indices of Indian hill trout, <i>Barilius bendelisis</i> (Hamilton, 1807) from central Himalaya, India. <i>Journal of Thermal Biology</i> , 2015, 52, 166-176.	1.1	31
13	Supplementation of microbial levan in the diet of <i>Cyprinus carpio</i> fry (Linnaeus, 1758) exposed to sublethal toxicity of fipronil: effect on growth and metabolic responses. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1513-1524.	0.9	30
14	Nitrite-induced alterations in sex steroids and thyroid hormones of <i>Labeo rohita</i> juveniles: effects of dietary vitamin E and l-tryptophan. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1297-1307.	0.9	27
15	Effects of dietary pyridoxine on haemato-immunological responses of <i>Labeo rohita</i> fingerlings reared at higher water temperature. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2012, 96, 581-590.	1.0	25
16	Haemato-biochemical Responses in <i>Cyprinus carpio</i> (Linnaeus, 1758) Fry Exposed to Sub-lethal Concentration of a Phenylpyrazole Insecticide, Fipronil. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2014, 84, 113-122.	0.4	23
17	Reproductive dysfunction in females of endangered golden mahseer (<i>Tor putitora</i>) in captivity. <i>Animal Reproduction Science</i> , 2017, 182, 95-103.	0.5	20
18	Sex Specific Seasonal Variation in Hematological and Serum Biochemical Indices of <i>Barilius bendelisis</i> from Central Himalaya, India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017, 87, 1185-1197.	0.4	17

#	ARTICLE	IF	CITATIONS
19	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.	1.6	17
20	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.	1.1	16
21	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.	1.1	15
22	Stress mitigating and immunomodulatory effect of dietary pyridoxine in <i>Labeo rohita</i> (Hamilton) fingerlings. <i>Aquaculture Research</i> , 2009, 41, 991.	0.9	12
23	Effect of Dietary Vitamin E and Nitrite Exposure on Growth and Metabolic Variables of <i>Labeo rohita</i> Juveniles. <i>The National Academy of Sciences, India</i> , 2014, 37, 123-129.	0.8	11
24	Î²-glucan modulates non-specific immune gene expression, thermal tolerance and elicits disease resistance in endangered <i>Tor putitora</i> fry challenged with <i>Aeromonas salmonicida</i> . <i>Fish and Shellfish Immunology</i> , 2021, 119, 154-162.	1.6	11
25	Histomorphological changes in digestive tract of golden mahseer (<i>Tor putitora</i>) during different developmental stages. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1681-1698.	0.9	10
26	Physiological changes in <i>Labeo rohita</i> during nitrite exposure: Detoxification through dietary vitamin E. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 122-129.	1.3	9
27	Pyridoxine and Its Biological Functions in Fish: Current Knowledge and Perspectives in Aquaculture. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 260-278.	5.1	7
28	Serum Electrolytes, Osmolarity and Selected Enzyme Activities of <i>Labeo rohita</i> Juveniles Exposed to Temperature and Salinity Stress: Effect of Dietary L-Tryptophan. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2014, 84, 973-980.	0.4	6
29	Morpho-histological and ultra architectural changes during early development of endangered golden mahseer <i>Tor putitora</i> . <i>Journal of Fish Biology</i> , 2016, 89, 2038-2054.	0.7	6
30	Protein and Amino Acid Composition of Indian Himalayan Snow Trout and Their Dietary Significance. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 1471-1476.	0.4	6
31	Dietary Î²-glucan influences the expression of testicular aquaporins, antioxidative defence genes and sperm quality traits in endangered golden mahseer, <i>Tor putitora</i> (Hamilton, 1822). <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1286-1293.	3.6	6
32	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.	0.9	5
33	Length-weight relationships of four freshwater cyprinid species from a tributary of Ganga River Basin in North India. <i>Journal of Applied Ichthyology</i> , 2016, 32, 497-498.	0.3	4
34	Molecular characterization of non-specific immune genes of endangered golden mahseer (<i>Tor</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 <i>Immunology</i> , 2021, 118, 119-146.	1.6	4
35	Proximate and mineral composition of some selected coldwater fishes of upland Himalaya. <i>Nutrition and Food Science</i> , 2014, 44, 554-561.	0.4	3
36	Himalayan Fish Manifest Higher Potential of Quality Nutrients for Human Health. <i>Journal of Aquatic Food Product Technology</i> , 2017, 26, 843-855.	0.6	3

#	ARTICLE	IF	CITATIONS
37	Nutrient Composition of Six Small Indigenous Fish from NEH Region and Their Contribution Potential to Human Nutrition. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 475-482.	0.4	3
38	Transgenerational effects of β -glucan on thermal tolerance, growth performance, and immune gene expression of endangered cyprinid <i>Tor putitora</i> progeny. Journal of Thermal Biology, 2021, 102, 103120.	1.1	3
39	Molecular characterization of four innate immune genes in <i>Tor putitora</i> and their comparative transcriptional abundance during wild- and captive-bred ontogenetic developmental stages. Fish and Shellfish Immunology Reports, 2022, 3, 100058.	0.5	3
40	Physiological Responses of Golden Mahseer (<i>Tor putitora</i>) Fry to Dietary Zinc and Assessment of its Optimum Requirement. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2015, 85, 499-506.	0.4	1
41	Seasonal modulation of reproductive hormones and related biomarkers in coldwater cyprinid <i>Barilius bendelisis</i> (Hamilton, 1807). Comparative Clinical Pathology, 2018, 27, 975-988.	0.3	1
42	Combined Effect of Heat Shock and Chlorine Fails to Elicit Acquired Thermal Tolerance in <i>Labeo rohita</i> Spawns. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 537-542.	0.4	0