

# Imtiaz Ahmed

## List of Publications by Year in descending order

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52  
papers

1,062  
citations

430442

18  
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454577

30  
g-index

52  
all docs

52  
docs citations

52  
times ranked

594  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of the endogenous and exogenous factors on hematological parameters in different fish species: a review. <i>Aquaculture International</i> , 2020, 28, 869-899.	1.1	120
2	Dietary lysine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture</i> , 2004, 235, 499-511.	1.7	91
3	Dietary methionine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture International</i> , 2003, 11, 449-462.	1.1	65
4	Dietary branched-chain amino acid valine, isoleucine and leucine requirements of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>British Journal of Nutrition</i> , 2006, 96, 450-60.	1.2	51
5	Dietary amino acid l-tryptophan requirement of fingerling Indian catfish, <i>Heteropneustes fossilis</i> (Bloch), estimated by growth and haemato-biochemical parameters. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1195-1209.	0.9	48
6	Muscle proximate composition of various food fish species and their nutritional significance: A review. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 690-719.	1.0	43
7	Dietary threonine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Research</i> , 2004, 35, 162-170.	0.9	42
8	Dietary arginine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Nutrition</i> , 2004, 10, 217-225.	1.1	39
9	Role of branched-chain amino acids on growth, physiology and metabolism of different fish species: A review. <i>Aquaculture Nutrition</i> , 2021, 27, 1270-1289.	1.1	36
10	Effect of dietary protein levels on growth performance, hematological profile and biochemical composition of fingerlings rainbow trout, <i>Oncorhynchus mykiss</i> reared in Indian himalayan region. <i>Aquaculture Reports</i> , 2020, 16, 100268.	0.7	34
11	Effect of ration size on growth, conversion efficiency and body composition of fingerling mrigal, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Nutrition</i> , 2004, 10, 47-53.	1.1	31
12	Effect of ration size on growth, body composition, and energy and protein maintenance requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton). <i>Fish Physiology and Biochemistry</i> , 2007, 33, 203-212.	0.9	31
13	Dietary tryptophan requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Research</i> , 2005, 36, 687-695.	0.9	30
14	Dietary histidine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Nutrition</i> , 2005, 11, 359-366.	1.1	28
15	Dietary amino acid l-threonine requirement of fingerling Indian catfish, <i>Heteropneustes fossilis</i> (Bloch) estimated by growth and biochemical parameters. <i>Aquaculture International</i> , 2007, 15, 337-350.	1.1	28
16	Dietary total aromatic amino acid requirement and tyrosine replacement value for phenylalanine in Indian major carp: <i>Cirrhinus mrigala</i> (Hamilton) fingerlings. <i>Journal of Applied Ichthyology</i> , 2009, 25, 719-727.	0.3	27
17	Dietary amino acid l-methionine requirement of fingerling Indian catfish, <i>Heteropneustes fossilis</i> (Bloch-1974) estimated by growth and haemato-biochemical parameters. <i>Aquaculture Research</i> , 2014, 45, 243-258.	0.9	24
18	Response to the ration levels on growth, body composition, energy, and protein maintenance requirement of the Indian catfish ( <i>Heteropneustes fossilis</i> Bloch 1974). <i>Fish Physiology and Biochemistry</i> , 2010, 36, 1133-1143.	0.9	19

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19	Impact of environmental changes on plasma biochemistry and hematological parameters of Himalayan snow trout, <i>Schizothorax plagiostomus</i> . <i>Comparative Clinical Pathology</i> , 2019, 28, 793-804.	0.3	19
20	Effect of dietary niacin on growth and body composition of two Indian major carps rohu, <i>Labeo rohita</i> , and mrigal, <i>Cirrhinus mrigala</i> (Hamilton), fingerlings based on doseâ€‘response study. <i>Aquaculture International</i> , 2011, 19, 567-584.	1.1	17
21	Hematological and serum biochemical parameters of five freshwater snow trout fish species from river Jhelum of Kashmir Himalaya, India. <i>Comparative Clinical Pathology</i> , 2019, 28, 771-782.	0.3	17
22	Effect of water temperature on protein requirement of <i>Heteropneustes fossilis</i> (Bloch) fry as determined by nutrient deposition, hemato-biochemical parameters and stress resistance response. <i>Fisheries and Aquatic Sciences</i> , 2020, 23, .	0.3	17
23	Haematological and serum biochemical reference values of snow trout, <i>Schizothorax labiatus</i> inhabiting in river Sindh of Indian Himalayan region. <i>Journal of Fish Biology</i> , 2021, 98, 1289-1302.	0.7	17
24	Effects of dietary leucine levels on growth performance, hematobiochemical parameters, liver profile, intestinal enzyme activities and target of rapamycin signalling pathway related gene expression in rainbow trout, <i>Oncorhynchus mykiss</i> fingerlings. <i>Aquaculture Nutrition</i> , 2021, 27, 1837-1852.	1.1	17
25	Hematological and serum biochemical reference intervals of rainbow trout, <i>Oncorhynchus mykiss</i> cultured in Himalayan aquaculture: Morphology, morphometrics and quantification of peripheral blood cells. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2942-2957.	1.8	16
26	Sex variation in hematological and serum biochemical parameters of cultured Chinese silver carp, <i>Hypophthalmichthys molitrix</i> . <i>Comparative Clinical Pathology</i> , 2019, 28, 1761-1767.	0.3	15
27	Dietary arginine requirement of fingerling Indian catfish ( <i>Heteropneustes fossilis</i> , Bloch). <i>Aquaculture International</i> , 2013, 21, 255-271.	1.1	14
28	Dietary amino acid -histidine requirement of fingerling Indian catfish, <i>Heteropneustes fossilis</i> (Bloch), estimated by growth and whole body protein and fat composition. <i>Journal of Applied Ichthyology</i> , 2013, 29, 602-609.	0.3	14
29	The influence of sex and season on some hematological and biochemical parameters of snow trout <i>Schizothorax labiatus</i> in the Indian Himalayan Region. <i>Fisheries Science</i> , 2021, 87, 39-54.	0.7	11
30	Dietary lysine modulates growth performance, haemato-biochemical indices, non-specific immune response, intestinal enzymatic activities and antioxidant properties of rainbow trout, <i>Oncorhynchus mykiss</i> fingerlings. <i>Aquaculture Nutrition</i> , 2021, 27, 124-139.	1.1	10
31	Effects of dietary amino acid-lysine on survival, growth and haemato-biochemical parameters in Indian catfish, <i>Heteropneustes fossilis</i> (Bloch, 1974), fingerlings. <i>Journal of Applied Ichthyology</i> , 2017, 33, 1027-1033.	0.3	9
32	Study on the Seasonal Variation in the Chemical Composition, Hematological Profile, Gonado-somatic Index and Hepato-somatic Index of Snow Trout, <i>Schizothorax niger</i> from the Freshwater Dal Lake, Kashmir. <i>American Journal of Food Technology</i> , 2016, 12, 1-13.	0.2	9
33	Dietary valine improved growth, immunity, enzymatic activities and expression of TOR signaling cascade genes in rainbow trout, <i>Oncorhynchus mykiss</i> fingerlings. <i>Scientific Reports</i> , 2021, 11, 22089.	1.6	9
34	<i>Myxobolus himalayaensis</i> sp. nov. (Cnidaria: Myxozoa) parasiting <i>Schizothorax richardsonii</i> (Cyprinidae: Schizothoracinae) from River Poonch in North West Himalaya, India. <i>Aquaculture Reports</i> , 2019, 14, 100192.	0.7	8
35	Reproductive biology and histological studies of ovarian development of <i>Schizothorax plagiostomus</i> in river Lidder from Kashmir Himalaya. <i>Journal of Applied Ichthyology</i> , 2019, 35, 512-519.	0.3	7
36	Length-weight relationship, morphometric characters, and meristic counts of the coldwater fish <i>Crossocheilus diplochilus</i> (Heckel) from Dal Lake. <i>Fisheries &amp; Aquatic Life</i> , 2021, 29, 29-34.	0.2	7

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37	Seasonal Variation in Length-weight Relationship, Condition Factor and Biological Indices of Snow Trout, <i>Schizothorax esocinus</i> (Heckel, 1838) Inhabiting River Jhelum of Kashmir Himalaya. <i>Journal of Ecophysiology and Occupational Health</i> , 2020, 20, 232-238.	0.1	6
38	Haematological response of snow barbell, <i>Schizothorax plagiostomus</i> Heckel, naturally infected with a new Trypanosoma species. <i>Journal of Parasitic Diseases</i> , 2016, 40, 791-800.	0.4	5
39	Morphological, histopathological and molecular characterization of <i>Myxobolus szekelyianus</i> n. sp. (Cnidaria: Myxosporidia: Myxobolidae) causing acute gill disease in <i>Schizothorax esocinus</i> (Heckel, 1838) from River Jhelum of Kashmir Himalayan region, India. <i>Aquaculture Research</i> , 2021, 52, 6537-6549.	0.9	5
40	Effects of Sodium-Heparin and Dipotassium EDTA on the Haematological Parameters and Blood Cell Morphology of Freshwater Fish <i>Schizothorax labiatus</i> (McClelland, 1842). <i>Journal of Ecophysiology and Occupational Health</i> , 2015, 14, 121.	0.1	5
41	Comparative evaluation of two anticoagulants used for the analysis of haematological, biochemical parameters and blood cell morphology of himalayan snow trout, <i>Schizopyge plagiostomus</i> . <i>Tissue and Cell</i> , 2020, 67, 101398.	1.0	4
42	Comparative study of hematological profile of three forage fish species habiting in Dal Lake of Kashmir Himalaya, India. <i>Comparative Clinical Pathology</i> , 2020, 29, 913-920.	0.3	3
43	Morphometric and meristic characters of snow trout, <i>Schizothorax labiatus</i> , inhabiting the Jhelum River and its tributaries. <i>Fisheries &amp; Aquatic Life</i> , 2020, 28, 216-224.	0.2	3
44	Effects of dietary isoleucine on growth performance, enzymatic activities, antioxidant properties and expression of TOR related genes in rainbow trout, <i>Oncorhynchus mykiss</i> fingerlings. <i>Aquaculture Research</i> , 2022, 53, 2366-2382.	0.9	3
45	Effect of sex on hematology, morphology and blood cell characteristics of <i>Schizothorax niger</i> . <i>Comparative Clinical Pathology</i> , 2020, 29, 1069-1078.	0.3	2
46	Seasonal variations in hematological and serum biochemical analytes of snow trout, <i>Schizothorax esocinus</i> inhabiting Dal Lake. <i>Comparative Clinical Pathology</i> , 2022, 31, 303-311.	0.3	2
47	Effect of dietary phenylalanine levels on growth, hemato-biochemical composition and tyrosine replacement value for phenylalanine in stinging catfish <i>Heteropneustes fossilis</i> "Bloch 1974 fingerling. <i>Animal Feed Science and Technology</i> , 2022, 288, 115294.	1.1	2
48	Comparative study of length-weight relationships and biological indices of Himalayan snow trout, <i>Schizothorax labiatus</i> , inhabiting two lotic water bodies in the Kashmir Valley. <i>Fisheries &amp; Aquatic Life</i> , 2021, 29, 176-184.	0.2	1
49	Impact of three anticoagulants and their storage time on hematological parameters of snow trout, <i>Schizothorax labiatus</i> , habiting in river Sindh of Indian Himalayan region. <i>Comparative Clinical Pathology</i> , 2022, 31, 747-755.	0.3	1
50	Cyclic variations of gonad development of snow trout, <i>Schizopyge niger</i> from the river Jhelum of Kashmir Himalaya. <i>Journal of Applied Ichthyology</i> , 2019, 35, 896.	0.3	0
51	Reference intervals for hematological and serum biochemical analytes in snow trout, <i>Schizothorax esocinus</i> inhabiting Dal Lake of Kashmir Himalaya. <i>Comparative Clinical Pathology</i> , 2022, 31, 221.	0.3	0
52	Dietary Arginine Modulates Growth Performance, Hemato-Biochemical Indices, Intestinal Enzymes, Antioxidant Ability and Gene Expression of TOR and 4E-BP1 in Rainbow Trout, <i>Oncorhynchus mykiss</i> Fingerlings. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0